

AGRICULTURE DEPARTMENT

ANNUAL REPORT 2019-20

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5.	Karnataka State Agro Corn Products Limited	
6.	Mysore Tobacco Company Limited	
7.	Food Karnataka Limited	

AGRICULTURAL UNIVERSITIES

1.	University of Agricultural Sciences, Bengaluru	
2.	University of Agricultural Sciences, Dharwad	
3.	University of Agricultural Sciences, Raichur	
4.	University of Agricultural and Horticultural Sciences, Shivamoga	

CHAPTER - 1

INTRODUCTION

The Department of Agriculture being one of the prominent developmental departments is continuously engaged in the service of the farming community. The improved technical know-how and research results emanating from various sources are being implemented in about 121.61 lakh hectares of rainfed and irrigated land and thus enabling 86.81 lakh farming families to obtain higher yields by adoption of improved technologies. To increase the overall Agriculture production, the Department of Agriculture has taken up several schemes in the year 2019-20. During the year 2019-20 it has been estimated to produce a total food production of 124.95 lakh tonnes as against the target of 138.67 lakh tonnes. This can be attributed to the implementation of special programs like Krishi Bhagya, Establishment of Custom Hiring Centres, Bhoochethana, National e-governance, Bhoosamruddi, RKVY, Organic farming etc., and the timely supply of agricultural inputs like seeds, micro nutrients, bio-fertilizers and p.p chemicals.

To increase food production and maintain food security, the department has taken up several schemes during the year 2019-20; detailed Head of Account wise information of all the schemes is given in Chapter-2.

Vision:

To ensure food security and also to make Agriculture a sustainable and viable vocation for the livelihood by the end of 2021.

Mission:

To enhance agriculture production and improving the income level of farmers by successful implementation of various state and central schemes.

Objectives:

1. Dissemination of technology/information to farmers.
2. Ensure supply of agricultural inputs and their quality control for enhanced production and productivity.
3. Maintenance of soil health.
4. To focus on rainfed farmers and encourage rain water conservation and reuse.
5. Plant Protection and quarantine.
6. To provide implement/ Machinery to the farmers of rural areas intime at subsidised cost.
7. To develop e-portal to receive applications through online under Farm mechanisation and Micro irrigation scheme.

Functions:

1. Endeavoring for adequate and timely supply of inputs such as seeds, fertilizers, pesticides, agricultural credit, implements and extension services to farmers.
2. To focus on rainfed farmers and encourage rain water conservation and reuse, Krishi Bhagya scheme is being implemented and Promoting micro irrigation to conserve water and to increase area under protective irrigation.
3. To provide implement/ Machinery to the farmers of rural areas in time at subsidised cost.
4. Encourage Organic Farming on a large scale and developing marketing facilities to organic produce.
5. Enforcement of various acts to ensure supply of quality inputs.
6. Administering the National Agricultural Insurance Scheme (NAIS) to provide relief to farmers in event of crop failure.
7. Assisting the central government in laying down Minimum Support Prices (MSPs) for selected key agricultural commodities to ensure remunerative prices to farmers.
8. Promoting plant protection measures and practices through the dissemination of appropriate technologies.
9. Working towards promotion of production and distribution of quality seeds.
10. Promoting Farm mechanisation to mitigate shortage of farm labour and to reduce drudgery.
11. Transfer of technology from the lab to the land through farm information services, training staff and farmers, laying out demonstrations and arranging study tours to farmers.

CHAPTER – 2

1. STATE SECTOR SCHEMES

2. DISTRICT SECTOR SCHEMES

3. CENTRALLY SPONSORED SCHEMES

4. ABSTRACT OF SCHEMES IMPLEMENTED DURING 2019-20

1. STATE SECTOR SCHEMES

a)	Name of the scheme and year of introduction	Directorate of Agriculture Out source of vehicles to the Head office and District offices.
b)	Budget Head	2401-00-001-1-01 (Plan) sub head 195 (State Sector)
c)	If Plan, the Central & State share is	State Sector - Plan (0:100)
d)	Objective of the Programme/project/scheme	Due to unavailability of vehicles and decrease from the year 2002-03 it has been planned to provide vehicles on outsource basis to different offices in the department
e)	State & estimated benefit number of estimated beneficiaries from the programme/project/scheme (measurable output at the end of the year)	- Total 130 vehicles (including vigilance) were taken on out.
f)	Financing (Rs. in lakhs)	400.00

g) Expenditure (Rs. in Lakhs)

Actual / Accounts 2018-19		Revised Estimate 2019-2020		Budget Estimate 2020-21
Grants	Exp.	Grants	Exp.	Grants
400.00	395.00	400.00	395.00	400.00

h) Physical Achievement (Units in no's)

2019-20		Audit observation
Tar	Ach	
130	130	Nil

Brief analysis of the performance trend and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries

a)	Name of the scheme and year of Introduction	Hiring of manpower services through outsourcing
b)	Budget Head	2401-00-001-1-01 2401-00-109-0-21
c)	Central & State share under the scheme	State Sector Scheme – (0:100)
d)	Objective of the Programme	Hiring of manpower services to the Group-C & D vacant posts in the Department.
e)	Estimated benefit & number of beneficiaries	DEO-160, Drivers-102, Group-D-309,
f)	Financial:(Rs. In Lakhs)	Financial Target for 2019-20 is Rs.10.87 Lakhs

g) Expenditure: (Rs. in Lakhs)

Actual / Accounts 2018-19			Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released		Exp.	Grants released	Exp.	Expected Grants
2401-00-001-1-01	850.00	826.64	703.00	689.74	719.00
2401-00-109-0-21	316.00	314.08	421.00	401.04	421.00

h) Physical Achievement (Units in no's)

2018-19		2019-20			Audit Observation
Tar	Ach	Tar		Ach	
237	176.34	2401-00-001-1-01 2401-00-109-0-21	571	571	There is no out standing paras in respect of out source staff .

a)	Name of the scheme and year of Introduction	Commissionerate of Agriculture-Computers and CUG Expenses
b)	Budget Head	2401-00-001-0-01 sub head 051 (Plan)

c	Central and State Share under the scheme	State Sector Scheme (0:100)
d	Objective of the Programme	<p>1. To computerize and provide the required IT infrastructure and internet connectivity to all the offices of the Department so as to reduce drudgery and to encourage paper less communication</p> <p>2.To Provide Agriculture information and efficient services at faster rate to farmers by computerizing RSKs.</p> <p>CUG</p> <p>3.In agriculture transfer of technology as early as possible is very essential as crop cultivation activities are weather dependent. In this regard the Department of Agriculture has provided CUG SIM Cards to the Technical Officers so that these officers can be contacted by farmers/extension officers etc., at any point of time to obtain/provide agriculture related information</p>
e	Estimated benefit & number of beneficiaries	<p>1. Computer and peripherals AMC and Repair at District Offices.</p> <p>2. Purchase of Computers and peripherals, consumables and stationeries, Internet Data Cards, AMC and Repair at Head Office</p> <p>3. K-Kisan Project Implementation Expenditures</p> <p>4. Approximately 3000 Officers working in the Department have been provided with CUG SIM Cards</p>
f	Financial: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs. 453.00 Lakhs

g) Expenditure: (Rs. in Lakhs)

Revised Estimate 2018-19		Budget 2019-20		2020-21
Grants released	Expenditure	Grants released	Expenditure	Expected Grants
728.00	723.15	453	442.30	500.00

h) Physical Achievements (Units: in Nos)

2017-18		2018-19		Audit Observations
Target	Achievement	Target	Achievement	
-	-	-	-	-

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/ reaching out to the beneficiaries and delay in implementation

-Not Applicable-

A	Name of the scheme and year of Introduction	Raitha Mitra Scheme- Directorate of Agriculture-Plan, (State Sector), 2000-01
B	Budget Head	2401-00-001-1-01, Sub-Head-071-Building Expenditure
C	Central & State share under the State Sector.	State Sector - (100%)
D	Objective of the programme	<p>Agricultural Extension Programme was started during 1977-78, later it was continued as Rashtriya Krishi Vistarna Yojane. Afterwards it was merged with the State Sector and continued from 2000-01.</p> <p>Under this Scheme the amount will be released as per the request of the concerned district Joint Director and taluk Assistant Director to meet the building rent, tax, water connection, electricity, telephone charges and also the maintenance charges of the RSK buildings which are housed in non-departmental buildings</p>
E	Estimated benefit & number of beneficiaries	Under this Scheme the grants utilized for maintenance charges for offices of Asst. Director of Agriculture.
F	Financial (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 158.00 lakhs.

g) Expenditure: (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Expenditure	Expected Grants
150.00	132.32	158.00	150.02	140.00

h) Physical Achievements (Units: in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Expenditure	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any
256	234	256	244	-

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: Not Applicable

a)	Name of the scheme and commencement of the year	Building and Repairs 04-09-1980
b)	Budget – Head of Account	2401-00-001-1-01 (sub-head 200)
c)	Central & State share under the scheme	State 100%
d)	Objective of the programme	Civil works Repairs, maintenance of all Office building in Agriculture Department.
e)	Estimated benefit and no.of beneficiaries	Not applicable
f)	Finance (in lakhs) 2019-20	Sub head 200: 626.00 lakhs

g.) Expenditure (Rs in lakhs)

Actual /Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released Rs in lakhs	Expenditure Rs in lakhs	Grants released Rs in lakhs	Expenditure Rs in lakhs	Expected grants Rs in lakhs
Sub head 200 : 626	Rs.625.41	626.00	614.12	Rs.626.00

h) Physical achievement (Units : in nos)

2018-19		2019-20		Audit Observations
Target	Achievement	Target	Achievement	Just mention whether Audit as been completed for the year or not mention Audit Observation if any
Not applicable				No

i) Brief analysis of the performance trends and implementations constraints reason for short fall in delivering the benefit/ reaching out to the beneficiaries and delay in implementations.

Not applicable

a)	Name of Scheme and Year of Commencement	Farm Mechanization- SCP/TSP- Special grants
b)	Budget Head of Account	Head of Account : 2401-00-001-1-75. Sub head of account: 422, 423
c)	If under Planned Scheme, Central and State Share	State Sector(0:100) Under Farm Mechanization 50% Subsidy is provided to general category farmers and 90% subsidy is given to SC/ST farmers where subsidy will not be given beyond the fixed maximum limit. State Sector grants is matched with the centrally sponsored schemes grants as per SMAM Guidelines provided by the Government of India. If grants not available in RKVY, state grants used as a single bill.
d)	Programme, Project and Purpose of the Scheme.	<ul style="list-style-type: none"> • Reducing the cost of cultivation • Helps in timely operation of agricultural poeration. • Increase the production and productivity. • To maintain the financial competativeness and sustainability in agriculture sector. • Employment generation in agriculture and allied sectors.
e)	Programme's approximate beneficiaries (to be measured during the year end)	2220 Beneficiaries
f)	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs.1777.29 lakhs.

g)	Expenditure(Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20 (Upto March 2019)		Budget Estimate 2020-20
		Release	Expenditure	Release	Expenditure	Expected Grants
		208.00	207.35	1777.29	1728.34	141.00
h)	Physical Achievement(Unit in Nos._)	2018-19		2019-20 (Upto March 2020)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		741	741		2220	-
i)	Brief analysis of the performance trends and implementation constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable				
a	Name of the scheme and year of Introduction	Agricultural Inputs and Quality Control: Fertilizer Control Laboratories				
b	Budget Head	2401-00-103-0-15 (Plan and Non plan)				
c	Central & State share under the scheme	0: 100				
d	Objective of the Programme	Analysis of Fertilizer samples as per Fertilizer Control Order and strengthening of Fertilizer Quality Control Laboratories.				
e	Estimated benefit & number of beneficiaries	Fertilizer Quality Control.				

f	Financial: (Rs. In Lakhs)	Financial Target for the year 2019-20 is Rs. 116.00 Lakhs.
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g) Expenditure: (Rs. In Lakhs)

Actual/Accounts 2018-19 (Lakhs)		Revised Estimate 2019-20 (Lakhs)		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp.	Expected Grants (Lakhs)
68.87	64.60	97.85	96.28	170.00

h) Physical Achievements (Units: in Nos)

2018 - 19		2019- 2020		Audit observations
Target	Ach	Target	Achievement	
15800	9651	15800	12665	Audit has been conducted up to 2017-18.

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: **Not Applicable.**

a.	Name of the Scheme and year of introduction	Inputs and Quality control Bangalore-1972 Bellary-1983 Shimoga, Dharwad,kalaburgi-1998 Mandya-2009
b.	Budget Head	2401-00-103-0-03 Sub Head-180
c.	Central and State share under the scheme	0:100 State sector scheme
d.	Objective of the programme	1.Qualitative analysis of pesticides to ensure quality pesticide to the farmers. 2. BCL/ Parasite laboratories are involved in production of parasitoids and biopesticides and quality analysis of biopesticides. 3.Strengthening of SPTL/BCL/PRAL
e.	Estimated benefit and number of beneficiaries	Pesticide/Biopesticide quality control
f.	Financial: (Rs. in Lakhs)	Financial Target for 2020-21 is Rs 50.00 Lakhs

Expenditure: (Rs. in Lakhs)

Laboratory	2018-19		2019-20		2020-21
	Grants released	Expenditure	Grants released	Expenditure	Expected Grants
SPTL & PRAL/BCL	88.00	87.93	75.00	74.93	50.00

Physical Achievement(Units in no& Ha)

Sl.No	Lab	2018-19		2019-20	
		Target(No.)	Achievement	Target	Achievement
1	SPTL	6800	3614	6800	5964
2	PRAL	350	332	350	385
3	BCL mandya	200	87	174	98
	BCL/PTL(Ha)	4700	56836.85	43500	71825

Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: -Not Applicable-

a)	Name of the scheme and year of Introduction	Agricultural Inputs and Quality Control Soil Health Mission, 2015-16
b)	Budget Head	2401-00-103-0-15
c)	If Plan, the Central & State share is	State Scheme - 0:100
d)	Objective of the Programme/Project/ Scheme:	<ol style="list-style-type: none"> 1. To issue soil health cards to all farmers once in every 2 years and soil test based nutrient management practices to address nutrient deficiencies in fertilization practices. 2. To develop and promote crop based nutrient management for enhancing nutrient use efficiency. 3. Promote Integrated Nutrient Management (INM) through judicious use of chemical fertilizers, including secondary and micro nutrients, in conjunction with organic manures and bio-fertilizers, for improving soil health and its productivity.
f)	Financing: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs. 1482.00 lakhs.

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp	Expected Grants
1289.00	1242.20	757.15	744.79	996.00

h) Physical Achievements (Units: in nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach	-
67.18 lakhs	67.18lakhs	65034	65034	

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

not applicable

1. Chapter 1

Seed is an important and crucial agricultural input. It is reported that use of quality seeds contribute to nearly 20 to 25% of the crop yield. Timely supply of required seeds is most important to increase food production and farmers income. Based on the Seed Replacement Rates, the Department works out the requirement of certified/quality seeds and communicates to all the concerned Department Officers and the seed supplying agencies for timely supply of seeds to the farming community. Regular meetings of the Seed producers/suppliers are conducted and supply position of seeds is reviewed scrupulously.

General Seed Distribution:

During 2019-20 as per the Seed Replacement norms, it was estimated that totally 15.29 lakh quintals certified/quality seed are required for the State. As against this requirement, 12.74 lakh quintals (Upto end of March-2020) of seeds have been distributed. Season wise Seed distributed is as follows:

(Quantity in Lakh Quintals)

Sl. No	Season	Target	Achievement	% of Achievement
1	Khariif- 2019	11.23	8.91	79.34
2	Rabi/Summer 2019-20 (Upto Mar-2020 end)	4.06	3.83	94.33
TOTAL		15.29	12.74	83.32

Chapter 2: Seed Distribution at Subsidised Rate During 2019-20:-

The Department is distributing seeds at subsidized rates under State Sector 'Seed Distribution and other Inputs' Scheme. Under this scheme, both Certified and Truthfully Labeled seeds including Private hybrids are distributed and Seeds are distributed to an extent of 2.00 hectares per farmer or his holding which ever is less. As per the Karnataka Transparency in Public Procurement Act, tenders are called for sourcing the seeds and agency wise quantity offered and supply rates are communicated to the Departmental Officers for distribution of seeds to the farming community.

Seeds are distributed to farmers through the Departments Raitha Samparka Kendras situated at Hobli head quarters and identified additional sale points of Govt. Institutions. Supply of seeds at Hobli level has helped the farmers in getting the required seeds almost at their doorsteps. Distribution of seeds at subsidised rates is helping the farming community to use good quality seeds and the Seed Replacement Rate is increasing considerably.

A	Name of the scheme and year of Introduction	'Seeds Distribution and Other Investments' Scheme : 2005-06
B	Budget Head	2401-00-103-0-15 (106)(422)(423)
C	Central & State share under the scheme	State Sector Scheme (0:100)
D	Objective of the Programme	Under 'Seeds Distribution and Other Investments' Scheme, Certified and Truthfully Labeled seeds including Private hybrids are distributed to an extent of 2.00 hectares per farmer or his holding which ever is less
e)	Estimated benefit & number of beneficiaries	24.00 lakhs beneficiaries
f)	Financial: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs.16000.00 lakhs.

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Actual/Accounts 2019-20		2020-21 Budget
Grants released	Exp.	Grants released	Exp.	Grants Allocation
15170.58	15083.41	Rs.16000.00	Rs.16666.89 (Additional Expenditure is booked in Farm mechanisation and Soil health schemes	12000.00

h) Physical Achievements (Units: in Nos)

2018-19		2019-20	
Target	Achievement	Target	Achievement
862215	803932	864228	713989.55

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

-Not Applicable –

a	Name of the scheme and year of Introduction	Seed Risk Fund and GIA to KSSC, KSSOCA, Tur Board 2010-11
b	Budget Head	2401-00-103-0-15 (103)

c	Central & State share under the scheme	State Sector Scheme (0:100)
d	Objective of the Programme	To give Financial assistance to Public Sector institutions for seeds produced and remaining after distribution by these institutions and disposed off as grains. Assistance is given in terms of difference in cost of seeds disposed as grains. Financial Assistance for strengthening and seed production to KSSC, strengthening and development activities for KSSOCA and Tur Board
e)	Estimated benefit & number of beneficiaries	Partially compensating the loss to Public Sector Seed producing institutions.
f)	Financial:(2019-20) (Rs. in Lakhs)	Rs. 2000.00 Lakhs

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Actual/Accounts 2019-20		Budget Allocation 2020-21
Grants released	Expd	Grants released	Expd	
588.59	588.59	2000.00	1999.65	2000.00

h) Physical Achievements (Units:Qty. in Quintals)

2018-19		2019-20	
Target	Achievement	Target	Achievement
-	16000	-	37949.3

Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

-Not Applicable-

a)	Name of the scheme and year of introduction	Agricultural Inputs and Quality Control (Plant Protection) (INSECTICIDE CONTROL LABORATORY, 1979-80)
b)	Budget Head	2401-00-103-0-15 (Plan)
c)	If Plan, the Central & State share is	State sector scheme - (0:100)
d)	Objective of the Programme/Project/	Promotion of integrated pest management approach through distribution of bio-pesticides under subsidy to farmers to

	Scheme:	<p>control insects, diseases and weeds in crop fields effectively besides reducing environmental pollution.</p> <p>Similarly, agriculture produce must be scientifically stored in order to reduce the damage from rats, bandicoots, insects and diseases. To reduce the storage losses, scientific storage bins are distributed to farmers under subsidy.</p> <p>Pesticides are supplied to farmers under subsidy for timely control of endemic and epidemic pests of important agricultural crops.</p> <p>In order to protect the crops from seed and soil borne pest and diseases in earlier crop stages, return to get higher yields, awareness has been created by conducting seed treatment campaigns.</p> <p>The composite inspectors of seed, fertiliser and pesticides are trained to effectively regulate the quality of agricultural inputs like seeds, fertilizers and insecticides under respective Acts. Funds are also made available for effective regulation and implementation of quality control programme.</p> <p>To create awareness among farmers and input dealers regarding the safe and judicious use of pesticides, training programmes are being conducted with the available funds under this scheme.</p>
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme /Project/Scheme: (measurable output at the end of the year)	There is reduction in the use of chemical pesticides and increase in use bio-pesticides. The crops are effectively protected from different pests and there is increase in production and productivity. Stored grains are protected from the storage pests and storage losses are reduced. Quality agricultural inputs are provided to farmers. About 744168 farmers are benefitted by this programme.
f)	Financial: (Rs. in Lakhs)	Grants allotted during the year 2019-20 is Rs 3911.0 lakhs.

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Actual/Accounts 2019-20		Budget Estimate 2020-21	
Grants	Exp	Grants	Exp.	Grants	Expected Exp.
981.00	961.52	3911.0	3853.46	500.0	500.0

h)Physical Achievements (Units: in nos)

Unit	2018-19		2019-20		2020-21		Two key Audit observations/Inspection findings of year
	Tar	Ach	Tar	Ach	Tar	Exp.Ach	
Nos.	5000	4847	5000	4244	740	740	Audit has been completed for the year 2017-18. No Audit observations were made.
Ha.	153900	152950	737900	744168	35200	35200	

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Different pests of crops are effectively and timely controlled by adopting Integrated Pest Management practices and production was increased by the distribution of quality bio pesticides and pesticides to the farmers under subsidy. Produced grains are scientifically stored and storage losses were reduced. The composite Inspectors of seeds, fertilizers and pesticides are trained in the effective implementation of Agricultural input laws. Quality control of agricultural inputs was effectively carried out and thereby helping the farmers to get quality inputs. Necessary funds are provided to purchase the inputs by the bio control and parasitic laboratories to produce bio pesticides and to regulate the quality of bio pesticides. Similarly, funds are also provided to purchase the inputs by the the State Pesticide Testing laboratories to regulate the quality control of pesticides. Funds are provided to pay the salary and allowances of bio-control and parasitic laboratories, Pesticide Residual Analysis Laboratory.

During 2019-20, 5155 pesticide samples were analysed and 62 samples were reported to be misbranded. Action has been initiated against the manufacturers and dealers of mis branded pesticides.

a	Name of the scheme and year of Introduction	Bank Interest subsidy on Fertilizers
b	Budget Head	2401-00-103-0-15
c	Central & State share under the scheme	0:100
d	Objective of the Program	Buffer stock scheme has been implemented to facilitate storage, transportation and Bank interest rate for the loan purchased for the Karnataka State co-operative Marketing Federation.
e	Estimated benefit & number of beneficiaries	Ensure proper and timely supply of fertilizers to the farmers through societies, buffer stock scheme has

		been implemented through Karnataka State co-operative Marketing Federation.
f	Financial: (Rs. In Crores)	Financial Target for 2019-20 is Rs. 42.25 Crores. Rs. 42.25 Crores has been spent under the scheme.

g) Expenditure: (Rs. Crores)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released(Revised)	Exp	Grants released	Exp	Expected Grants
32.42	32.42	42.25	42.25	40.00

h) Physical Achievements (Units: MT)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach	Audited
-	-	-	-	

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: **Not Applicable**

a	Name of the Scheme and Year of Introduction i) Title of the scheme ii) Year of Commencement-	Subsidy Programme under Agri Inputs and Quality Control Scheme (State Sector) Enrichment of Soil Fertility Year of Commencement-2010-11
b	Budget Head	2401-00-103-0-15 (Plan) Sub Head: Susidy-106
c	Central and State Share under the scheme	State Sector Scheme (100% State share) (0:100)
d	Objectives of the Programme	1. Increasing the Soil Fertility and Production capacity. 2. Reducing the Farmer's Production Cost 3. Improve the economic condition of the farmers in the State

		<p>4. Production of non-chemical quality foods.</p> <p>5. Control the draught situation in rainfed areas.</p> <p>6. Protection of Environment and health of Human and Animals..</p>			
e	Estimated Benefit and number of Beneficiaries	<p>Estimated Benefit : The economic status of the farmers has improved to some extent.</p> <p>No. of beneficiaries is on an average : 178765</p>			
f	Finance : (Rs.in lakhs) Lakhs	Financial Target for 2019-20 is Rs. 2276.00			
g	Expenditure : (Rs.in lakhs)				
	Actual A ccounts 2018-19		Revised Estimate 2019-20 (Till the end of Mar-2020)		Budget Estimate 2020-21
	Grants Released	Expenditure	Grants Released	Expenditure	Expected Grants
	3610.01	3593.68	2441.98	2401.08	2120.00
h	Physical Achievements : (Unit : Nos & Hectares)				
	2018-19		2019-20		Audit Observations
	Tar	Ach	Tar	Ach (Till the end of Mar-2020)	
	No: 1897 Ha:390210	No: 649 Ha: 436283	No: 238 Ha:178765	No: 242 Ha: 279467	2018-19 accounts not audited.
i	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.		The scheme has been implemented successfully by achieivng 98.32% financial progress. This has helped in improving the soil fertility apart from realising better yield.		

a	Name of the Scheme and Year of Introduction i) Title of the scheme ii) Year of Commencement-	Special Component Plan Under Agri Inputs and Quality Control Scheme (State Sector) Enrichment of Soil Fertility Year of Commencement-2013-14			
b	Budget Head	2401-00-103-0-15 (Plan) Sub Head: SCP-422			
c	Central and State Share under the scheme	State Sector Scheme (100% State share) (0:100)			
d	Objectives of the Programme	<ol style="list-style-type: none"> 1. Improve the economic conditions of the SC farmers by reducing the Production Cost 2. Increasing the Soil Fertility and Production capacity. 3. Production of non-chemical quality foods and increasing the SC farmers income. 4. Control the drought situation in rainfed areas. 5. Protection of Environment and health of Human and Animals. 			
e	Estimated Benefit and number of Beneficiaries	Estimated Benefit : The economic status of the farmers has improved to some extent. No. of beneficiaries is on an average :27099			
f	Finance : (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 515.00 Lakhs			
g	Expenditure : (Rs.in lakhs)				
	Actual Accounts 2018-19		Revised Estimate 2020-21 (Till the end of Mar-2020)		Budget Estimate 2020-21
	Grants Released	Expenditure	Grants Released	Expenditure	Expected Grants
	965.16	928.60	550.90	519.21	644.00
h	Physical Achievements : (Unit : Nos & Hectares)				
	2018-19		2019-20		Audit Observations
	Tar	Ach	Tar	Ach (Till the end of Mar-2020)	
	No: 358 Ha: 73456	No: 94 Ha: 69264	No: 168 Ha: 27099	No: 62 Ha: 43540	
i	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.			The scheme has been implemented successfully by achieving 94.25% financial progress. This has helped in improving the soil fertility apart from realising better yield.	

a	Name of the Scheme and Year of Introduction i) Title of the scheme ii) Year of Commencement-	Tribal Sub-Plan Under Supply of Seeds & Other input Scheme (State Sector) Enrichment of Soil Fertility Year of Commencement-2013-14			
b	Budget Head	2401-00-103-0-15 (Plan) Sub Head: 423			
c	Central and State Share under the scheme	State Sector Scheme (100% State share) (0:100)			
d	Objectives of the Programme	<ol style="list-style-type: none"> 1. Improve the economic conditions of the tribal farmers by reducing the Production Cost 2. Increasing the Soil Fertility and Production capacity. 3. Production of non-chemical quality foods and increasing the tribal farmers income. 4. Control the draught situation in rainfed areas. 5. Protection of Environment and health of Human and Animals. 			
e	Estimated Benefit and number of Beneficiaries	Estimated Benefit : The economic status of the farmers has improved to some extent. No. of beneficiaries is on an average: 10988			
f	Finance : (Rs.in lakhs) Lakhs	Financial Target for 2019-20 is Rs. 209.00			
g	Expenditure : (Rs.in lakhs)				
	Actual Accounts 2018-19		Revised Estimate 2019-20 (Till the end of Mar-2020)		Budget Estimate 2020-21
	Grants Released	Expenditure	Grants Released	Expenditure	Expected Grants
	230.03	219.00	235.33	211.20	236.00
h	Physical Achievements : (Unit : Nos & Hectares)				
	2018-19		2019-20		Audit Observations
	Tar	Ach	Tar	Ach (Till the end of Mar-2020)	
	No: 90 Ha: 17809	No: 47 Ha: 19568	No: 69 Ha: 10988	No: 69 Ha: 17672	2018-19 accounts not audited.
i	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.		The scheme has been implemented successfully by achieving 89.75% financial progress. This has helped in improving the soil fertility apart from realising better yield.		

a	Name of the Scheme and Year of Introduction i) Title of the scheme ii) Year of Commencement-	Salary and Lab Expenditure Scheme (State Sector) Biofertilizer, Organic Fertilizer and De-oiled non-edible Cake Fertilizers Quality Control Laboratory Year of Commencement-2015-16			
b	Budget Head	2401-00-103-0-15 (Plan)			
c	Central and State Share under the scheme	State Sector Scheme (100% State share) (0:100)			
d	Objectives of the Programme	<ol style="list-style-type: none"> 1. Biofertilizer, Organic Fertilizer and De-oiled non-edible Cake Fertilizers Quality Control Lab Management. 2. Laboratory General Expenditure. 3. Laboratory Building Repair. 4. Laboratory Equipments Purchase. 			
e	Estimated Benefit and number of Beneficiaries	Estimated Benefit : Biofertilizer, Organic Fertilizer and De-oiled non-edible Cake Fertilizers Quality Control			
f	Finance : (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 50.00 Lakhs			
g	Expenditure : (Rs.in lakhs)				
	Actual Accounts 2018-19		Revised Estimate 2019-20 (Till the end of Mar-2020)		Budget Estimate 2020-21
	Grants Released	Expenditure	Grants Released	Expenditure	Expected Grants
	20.95	20.09	32.84	32.80	50.00
h	Physical Achievements : (Unit : Nos & Hectares)				
	2018-19		2019-20		Audit Observations
	Tar	Ach	Tar	Ach (Till the end of Mar-2020)	
	-	-	-	-	
i	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.		The scheme has been implemented successfully by achieving 99.89% financial progress. This has helped in improving the Biofertilizer, Organic Fertilizer and De-oiled non-edible Cake Fertilizers Quality Control for better yield.		

a	Name of Scheme and Year of Commencement	Farm Mechanization Implemented in the State from 1997-98
b	Budget Head of Account	Head of Account :2401-00-103-0-15 Sub-Head- 059, 422, 423,
c	If under Planned scheme, Central and State share	State Sector(0:100) Under Farm Mechanization 50% Subsidy is provided to general category farmers and 90% subsidy is given to SC/ST farmers where subsidy will not be given beyond the fixed maximum limit. State Sector grants is matched with the centrally sponsored schemes grants as per SMAM Guidelines provided by the Government of India. If grants not available in RKVY, state grants used as a single bill
d	Programme, Project and Purpose of the Scheme.	<ul style="list-style-type: none"> Reducing the cost of cultivation Helps in timely operation of agricultural operation. Increase the production and productivity. To maintain the financial competitiveness and sustainability in agriculture sector. Employment generation in agriculture and allied sectors.
e	Programme's approximate beneficiaries (to be measured during the year end)	120969 beneficiaries
f	Financial (Rupees in Lakhs)	Financial target for 2019-20 is Rs.17945.03 lakhs

g) Expenditure: (Rs. lakhs)

Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21
Release	Expenditure	Release	Expenditure	Expected Grants
19740.53	17714.35	14751.07	14786.31	12000.00

h) Physical Achievements (Units: in Nos)

208-19		2019-20 (Upto March 2020)		Audit Observations
Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
45844	120969	42132	116086	-

- i) Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable

Not Applicable

a)	Name of Scheme and Year of Commencement	Krishi Yantra Dhare (Establishment of Farm Machinery Custom Hire service Centres) Implemented in the State from 2014-15				
b)	Budget Head of Account	State Sector: 2401-00-103-0-15 (106)				
c)	If under Planned scheme, Central and State share	State Sponsored Scheme				
d)	Programme, Project and Purpose of the Scheme.	The project proposes to provide Farm Machineries to Small and Marginal farmers at nominal hiring charges in all the districts of the State.				
e)	Programme's approximate beneficiaries (to be measured during the year end)	Till date around 13.20 lakh farmers have been benefitted from this programme.				
f)	Financial (Rupees in Lakhs)	Financial target for 2019-20 is Rs.2062.24lakhs.				
g)	Expenditure (Rupees in Lakhs)	Actual/ Accounts 2018-19		2019-20(Upto March 2020)		Budget Estimate 2020-21
		Release	Expenditure	Release (State)	Expenditure	Expected Grants
		928.02	928.02	1787.18	1573.93	1500.00
h)	Physical Achievement:(Unit- in numbers)	2018-19		2018-19 2019-20 (Upto March 2019)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		125	125	137	137	-
i)	Brief analysis of the performance trends and implementation constraints, reasons for the shortfall in delivering the benefit/reaching out the	Not Applicable				

	beneficiaries delay in implementation: If not applicable please Mention Not Applicable	
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a	Name of Scheme and Year of Commencement	Agroprocessing Implemented from the year 2006-07
b	Budget Head of Account	Head of Account :- 2401-00-103-0-15, Sub code-106,422,423
c	If under Planned Scheme, Central and State Share	0:100
d	Programme, Project and Purpose of the Scheme.	The objectives of the scheme is to help the farmers in qualitative processing of the agriculture produce which is helpful to farmers as well as consumers.To promote the use of appropriate technologies that reduces losses and improves quality of the produce and to reduce the labour dependency and drudgery in post harvest operations
e	Programme's approximate beneficiaries (to be measured during the year end)	During the year 2019-20, 216578 Beneficiaries
f	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs. 3705.23 lakhs.

g) Expenditure: (Rs. lakhs)

Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21
Release	Expenditure	Release	Expenditure	Expected Grants
4625.43	4648.28	3632.57	3280.80	-

h) Physical Achievements (Units: in Nos)

208-19		2019-20 (Upto March 2020)		Audit Observations
Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
294195	318108	216578	216578	-

ii) Brief analysis of the performance trends and implementation constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable

Not Applicable

a)	Name of the scheme and year of Introduction	Special Development Plan Implemented from the year 2018-19
b)	Budget Head	2401-00-103-0-15 (133)
c)	Central & State share under the scheme	State Sector scheme (0:100)
d)	Objective of the Programme	Permission is accorded for implementation of Krishi Bhagya scheme components under SDP programme. Hence the objective of the scheme is to improve rainfed agriculture scenario with the efficient management of rain water, to enhance the farm productivity. Thrust is being given to conserve rain water and utilize the collected water to irrigate the crop at critical stages of crop growth.
e)	Estimated benefit & number of beneficiaries	<p>During 2019-20 out of Rs. 63.20 crores earmarked for implementation of krishi bhagya scheme components under Agriculture inputs and quality control, Rs.63.20 crores was released and Rs.62.51 crores was utilised to construct 7838 Farm ponds and to implement other components of the scheme to the target of 7480 farm pond construction. Further by utilizing the conserved water in these farm ponds, approximately around 41376 acre area have been provided with protective irrigation during critical stages of crop growth, thus increasing the annual income of the farmer</p> <p>As per the evaluation studies conducted by State Agricultural Universities and thirty party evaluation report of NABARD, the outcome of schemes are as follows</p> <ol style="list-style-type: none"> 1. Adoption of scheme has resulted in significant change in the land use pattern and there is an increase in cropped area 2. In districts where rainfall was comparatively better, particularly in southern districts, there was a shift in the cropping pattern from traditional field crops like Ragi, Jowar, Green gram, Maize etc., to high value

		horticultural crops like vegetables, flowers and fruits. 3. The income level of farmers has considerably increased due to shift in the cropping pattern. 4. The water use efficiency has increased due to adoption of micro irrigation system like Sprinkler and Drip.
f)	Financing: (Rs. in lakhs)	During 2019-20, out of Rs.63.20 crores earmarked for implementation of Special development programme under Agri inputs and quality control, Rs.63.20 crores was released and Rs.62.51 crores was utilised upto the end of March 2020 for implementation of various components of the scheme.

g) Expenditure: (Rs. in Crores)

Actuals/Accounts 2018-19		Actuals/Accounts 2019-20		Budget Estimate 2020-21
Grants Released	Exp	Grants Releases	Exp	Expected Grants
31.45	31.25	63.20	62.51	00.00

h) Physical Achievements (Units: in Nos)

Components	2018-19		2019-20		Audit observation
	Tar	Ach	Tar	Ach	
Farm Pond construction	7400	4734	7480	7838	--

h) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation;

Krishi Bhagya scheme is being implemented in the state from the year 2014-15, hence it has been widely publicised and no constraints have been found in implementation of this scheme .

KARAVALI PACKAGE

Rice being grown from long time in Coastal and Malnad districts such as dhakshinakannada, Udupi, Uttara kannada , chikkamagalur, hassan , Kodagu and Shivamogga districts inspite of heavy rainfall, wherein soils are undulated , soil fertility

could not be protected due to soil erosion, low land holdings , intensive labour problem are resulting in increase in cost of production. Since there is no suitable alternative crop except paddy is available in this area, farmers are bound to grow paddy since many decades has lead to low productivity and facing financial crisis.In view of the above facts ,to improve the social, financial conditions of paddy farmers and to increase area and productivity, on pilot basis a new package has been formed to Coastal districts to sustain paddy cultivation area and to improve productivity and further expanded to malnad districts also.

Honble chief minister in 2019-20 budget speech of para 7 announced that “ paddy yield and cultivation area have also come down in the recent years in coastal and malnad districts which get heavy rainfall. In this background it is proposed to provide assistance of 7500 per hectare to motivate farmers to cultivate paddy under scheme called “Karavali package” for which a grant of Rs.5.00 crore has been provided.The provision has made in state budget underHoA 2401-01-103-0-15, (subcode 106,422,423).

Objectives of the scheme is toencouraging the farmers to get good yield andincome by creating awareness for adoption of advanced technologies (Drill sowing/ Machine transplanting / uses of Organic & green manure/ Bailer) and also by incentivizing them through Direct Benefit Transfer .

Area of implementation (07): Dakshinakannada, Udupi,Uttar Kannada, Shivamoga, Hassan, Chikamgaluru and Kodagu

A)	Name of the scheme and year of introduction	Karavali Package Year of Implementation is 2019 -20
B)	Budget Head	2401-00-103-0-15
C)	Central & State share under the scheme	100 % State Share
D)	Objectives of Scheme	<ol style="list-style-type: none"> 1. Adoption of new technologies under rainfed paddy cultivation for enhancement of productivity and income to paddy farmers. 2. To enhance the area under rainfed paddy by extending incentives to farmers in malnad and coastal districts. 3. Incentives through Direct Benefit Transfer (DBT)
E)	No. Of Beneficiaries	Total No. Beneficiaries: 5805
F)	Financial Allocation in Lakhs	Total allocation Rs 500.00 lakhs Total grants released 227.98lakhs Expenditure 217.704lakhs up to March 2020

Cost 2019-20 (Rs. In Lakhs)		Approximate Estimate 2019- 20(Rs. In Lakhs)		Fund allocation 2020-21 (Rs. In Lakhs)
Grants released	Expenditure	Grants released(Up to March 2020)	Expenditure	Expected grants
227.98	217.704	227.98	217.704	600.00

Annexure

2019-20 Karavali Package progress report up to March 2020-2021 (Rs. In Lakhas)

No.	Programme	Unit	Target		Achievement	
			Physical	Financial	Physical	Financial
1.	Demonstration	Ha.	6667	500.00	3122	217.704
	Grand total		6667	500.00	3122	217.704

a)	Name of the scheme and year of Introduction	PM Kisan - Karnataka scheme
b)	Budget Head	2401-00-800-1-05-100
c)	Central & State share under the schme	0:100
d)	Objective of the Programme	Simillar to pmkisan scheme of GoI, it aims to supplement the financial needs of all landholding farmers' families in procuring various inputs to ensure proper crop health and appropriate yields, commensurate with the anticipated farm income as well as for domestic needs. Under the Scheme an amount of Rs.4000/- per year is released by the state Government online directly into the bank accounts of the eligible farmers under Direct Benefit Transfer mode.
e)	Estimated benefit & number of estimated beneficiaries	Financial assistance transfer of Rs. 2000/- first instalment to 50.00 lakh farmers
f)	Financial: (Rs. in Lakhs)	Rs.2200.00 Crores

g) Expenditure: (Rs. in Crores)

Actual/Accounts 2019-20		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants	Exp	Grants	Exp	2600.00
1500.00	893.49	1000.00	893.49	

h) Physical Achievements (Units: in Nos)

2019-20		2020-21		Audit observations
Tar	Ach (till 31.03.2020)	Tar	Ach	
5500000	4467498	5000000	0	-

a	Name of the Scheme and Year of Implementation	Organic Farming and Millets Programmes 2019-20
b	Head of Account	2401-00-104-0-12 (059, 106, 422, 423)
c	If Plan scheme, share of Central and State. (Eg: 75:25 or 100:0 or 0:100)	State Scheme (0:100)
d	Objectives of Programme	<p>Organic Farming and Millets Programmes</p> <ul style="list-style-type: none"> • Bring in awareness among farming community on principles and practices of organic farming. • To enhance the organic certified area in the State. • To take up crops in low rainfall areas and low fertility soils. • Scientific validation studies on zero budget Natural farming system • To increase area and production of nutri-cereals in the state. • To Encourage setting up of organic/millet processing, Value addition and Marketing at the farm gate level.
e	Estimated Result and Beneficiaries from this Programme (As per Year ended result)	<p>Organic Farming and Millets Programmes</p> <ul style="list-style-type: none"> • Under Organic Adoption & Certification programme, assistance is being provided for the selected individual/group of farmer for organic certification and construction of supportive structures.

		<ul style="list-style-type: none"> • Scientific validation trials of Zero Budget Natural Farming system are being continued. • Under Raithasiri yojane, to any farmer who takes up cultivation of nutricereals viz., Foxtail millet, Little millet, Kodo Millet, Proso Millet, Barnyard Millet and Brown Top Millet, an assistance of Rs: 10,000/- hectares subject to a maximum of 2 hectares is being provided through DBT. 				
f	Financial(Rupees in Lakhs)	Financial target for 2019-20 was Rs.9700 lakhs				
g). Expenditure: (Rs. lakhs)						
Programme/ Scheme	Sub head	Budget provision 2018-19		Revised Budget provision 2019-20		Budget estimate 2020-21
		Release	Expen diture	Release	Committed Expenditure	Expected grants
Organic Farming	059	3825.00	3816.36	4509.00	4411.80	2350.00
	106	1575.00	1572.58	2500.00	2427.54	2325.00
	422	150.00	145.33	84.75	76.63	105.00
	423	100.00	99.24	56.25	50.08	70.00
	Total	5650.00	5633.51	7150.00	6966.05	4850.00
h) Physical Achievements (Units: in Nos)						
2018-19		2019-20			Audit observa tions	
Tar	Ach	Tar	Ach*	Audited		
1.50 lakh Ha.	1.05 lakh Ha.	1. Organic Farming-Addl. 0.20 lakh Hecares 2. Minor Millet area-50,000 Hectares	1. Organic Farming-Addl. 0.21 lakh Hecares 2. Minor Millet area 39,115Hectares	No		
i)	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:				Not Applicable	

a)	Name of the scheme and year of Introduction	AGRICULTURAL FAIRS AND EXHIBITIONS-1967
b)	Budget Head	2401-00-109-0-21 sub head: 051
c)	If Plan, the Central & State share is	State sector scheme - 0:100
d)	Objective of the Programme/Project/ Scheme:	The scheme aims at organisation & participation of farmers and extension personnel in Agricultural fairs, exhibitions, melas organised at national, state, district, taluk level, village level to familiarise and transfer improved agricultural technologies to the farming community with the end objective of increasing agricultural production. Apart from preparation of tableaux for Independence Day, Republic day, Sammelanas etc, the scheme also provides for preparation and transport of exhibits to melas.
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme/ Project/Scheme: (measurable output at the end of the year)	A large number of farmers through out the state visit and participate in exhibitions, jathres, melas etc., held at national, state, district, taluk and village levels and in turn gain knowledge of improved agricultural technologies.
f)	Financing: (Rs. in Lakhs)	Grants allotted during the year– 75.00

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21	
Grants	Exp	Grants	Exp	Grants	Exp
100.00	92.2	70.00	67.48	85.00	--

h) Physical Achievements (Units: in nos)

2018-19		2019-20		Two key Audit observations/ Inspection findings of year
Tar	Ach	Tar	Ach	
-	-	30	85	Audit has been not completed for the year

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Agricultural fairs, exhibitions, melas are successfully being organised at national, state, district, taluk level, village level etc which in turn are reaching out to familiarise and transfer improved agricultural technologies to the farming community.

a)	Name of the scheme and year of Introduction	FARM INFORMATION UNIT, 1967
b)	Budget Head	2401-00-109-0-21 sub head: 059
c)	If Plan, the Central & State share is	State sector scheme - 0:100
d)	Objective of the Programme/Project/ Scheme:	The scheme aims at transfer of improved agricultural technologies to extension personnel and the farming community to support the available extension activities, with the objective of increasing agricultural production. A network of information services is available with the Department to provide media support to extension personnel and the farming community. Special publicity literatures, leaflets, folders etc and other visual aids are brought out at state, district and taluk levels and at training centres to educate the farmers. Phone-in programmes are being conducted in AIR & DD besides broadcast of daily tips to farmers. Timely press releases are also given adhering to the requirements of the situation.
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme/ Project/Scheme: (measurable output at the end of the year)	Adhering to the requirements of the situation, special extension literatures are brought out at state, district and taluk levels for the benefit of the farming community. Phone-in programmes are being conducted in AIR & DD besides broadcast of daily tips to farmers through out the state.
f)	Financing:(Rs. in Lakhs)	Grants allotted during the year 2019-20 - 100.00

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21	
Grants	Exp	Grants	Exp	Grants	Exp
220.00	219.62	100.00	95.53	100.00	-

h) Physical Achievements (Units: in nos)

2018-19		2019-20		Two key Audit observations/Inspection findings of year
Tar	ach	Tar	Ach	
-	-	4455	4502	Audit not completed for the year

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

According to requirements of the situation, preparation & distribution of extension literature, release of press notes, preparation of Guidelines, handbook of Departmental schemes, broadcast of tips to farmers through AIR and Doordarshan, programmes through AIR & DD are being successfully implemented under this scheme.

a	Name of the scheme & year of starting	AGRICULTURE EXTENSION AND TRAINING PROGRAMME FOR EXTENSION OFFICERS & FARMERS/ FARM WOMEN - 2011-12
b	Budget head of account	2401-00-109-0-21 (Plan)- Sub head - 059 Other expenditure
c	Central and state share if any	0:100
d	Programme/project/ scheme objectives	<ul style="list-style-type: none"> ▪ To enhance the professional efficiency of the extension officers and farmers/ farm women in agriculture ▪ Common foundation course for Agriculture officers, Assistant Agriculture officers and Agriculture assistants to improve work efficiency.
e	Expected outcome of the Programme/ project/ scheme (a) & expected beneficiaries (b) (measurable outcome at the end of the year)	<p>(a) Arriving at Sustainable agriculture extension system.</p> <p>(b) Extension officers, farmers/ farm women (Number of persons trained)</p>
f	Finance (Rs.in lakhs)	Financial target for the year 2019-20 is Rs.100.00 lakhs.

g. Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Proposed 2019-20
Amount Released	Expenditure	Amount Released	Expenditure	100.00
100.00	98.17	100.00	94.50	

h. Physical Achievements (Units:in Nos)

Unit - Total Number of persons trained - farmers /farm women/extension officers)				
2018-19		2019-20		Audit Details
Target	Achievement	Target	Achievement	
5890	6774	6890	7242	-

i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

a	Name of the scheme & year of starting	AGRICULTURE EXTENSION AND TRAINING DISTRICT AGRICULTURE TRAINING CENTRE (PLAN) STATE SECTOR (MAINTENANCE) - 2001-02
b	Budget head of account	2401-00-109-0-21 (Plan) Sub head- 200 Maintenance
c	Central and state share if any	0:100
d	Programme/project/ scheme objectives	<ul style="list-style-type: none"> ▪ Strengthening of infrastructure facilities of the training centre for imparting effective training programmes
e	Expected outcome of the Programme/ project/ scheme (a) & expected beneficiaries (b) (measurable outcome at the end of the year)	<p>(a) Well equipped hostel building and providing audio visual aids for effective training programmes.</p> <p>(b) Trained farmers /farm women and extension officers are the indirect beneficiaries (Number of Civil works and audio visual aids provided)</p>
f	Finance (Rs.in lakhs)	Financial target for the year 2019-20 is Rs.104.00 lakhs.

g. Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Proposed 2020.21
Amount Released	Expenditure	Amount Released	Expenditure	104.00
100.00	100.00	104.00	101.74	

h. Physical Achievements (Units :in Nos)

2018-19		2019-20		Audit Details
Target	Achievement	Target	Achievement	
23	23	23	23	-

i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

a)	Name of the scheme and year of Introduction	Honorarium to Techno Promoters Introduction of the scheme is in 2018-19.
b)	Budget Head	Under Integrated Agriculture Extension System Scheme 2401-00-109-0-21 (422,423)
c)	Central & State share under the scheme	This is a State Sector scheme where in funds required is provided under IAES.
d)	Objective of the Programme	Since the Bhoochetana scheme came to an end at 2017-19, the services of Techno promoters are taken to inspect and document the demonstration fields of Soil health Mission, Raitha siri and Karavali Package.
e)	Estimated benefit & number of beneficiaries	During 2019-20 this programme was implemented in all 30 districts and services of 530 no of Techno promoters are utilized
f)	Financing: (Rs. in Crores)	Financial Target for 2019-20 is Rs. 2.94 Crores

g) Expenditure: (Rs. in Crores)

Revised Estimate 2018-19		Revised Estimate 2019-20 (Up to March)		Budget Estimate 2020-21
Grants Released	Exp	Grants Released	Exp	Expected Grants
6.00	5.73	1.4791	1.3496	0.00

h) Physical Achievements (Units: in lakh Hectares)

2018-19		2019-20		Audit observation
Tar	Ach	Tar	Ach	Just mention whether Audit has been completed for the year or not.
3878	3550	733	607	Audit has to be taken up in 2020-21

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation;

Government of Karnataka initiated a Novel mission project "Bhoochetana" to improve the livelihoods of the dryland farmers by increasing the agricultural productivity of dryland crops. The project implementation period is 2009-10 to 2012-13 as first phase and 2013-14 to 2017-18 as second phase.

The services of Tehno Promoters were utilised to implement this programme. During 2018-19 the services of Techno promoters has been taken to inspect and document the demonstration fields of Soil health Mission, Raitha siri and Karavali Package.

a	Name of the scheme and year of Introduction	Agriculture Extension and Training Deputing Agriculture Students to Raitha samparka kendras: State sector Scheme 2012-13
b	Budget Head	2401-00-109-0-21. sub head :059
c	Central & State share under the State Sector.	State Sector Scheme – 100% State share
d	Objective of the programme	To strengthen the Raitha Samparka Kendras for effective implementation of Department programmes and technology transfer, the final year from Agriculture and Horticulture Universities will be deputed at least for 3 months to Raitha Samparka Kendras for acquiring minimum practical skills, field

		experience and knowledge. Monthly honorarium of Rs.3000/- will be paid to them.
e	Estimated benefit & number of beneficiaries	The final year students will acquire minimum practical skills, field experience and knowledge by deputing to Raitha Samparka Kendres Number of beneficiaries-2000
f	Financial (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 180.00 lakhs.

g) Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020.21
Grants released	Exp	Grants released	Exp	Expected Grants
180.00	174.61	180.00	180.00	180.00

h) Physical Achievements (Units :in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach (March-2020 end)	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any
2000	2087	2000	2000	Audit has been completed for the year 2018-19 and there is no Audit observation

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

	Name of the scheme & year of starting	AGRICULTURE EXTENSION AND TRAINING UPGRADATION OF DISTRICT AGRICULTURE TRAINING CENTRE - STATE SECTOR - 2008-09
b	Budget head of account	2401-00-109-0-21 (Plan)- Sub head - 059
c	Central and state share if any	0:100
d	Programme/project/ scheme objectives	<ul style="list-style-type: none"> ▪ Construction of new buildings for DATC. ▪ Providing satisfactory accommodation for

		<p>trainees in the hostel by strengthening infrastructure facilities.</p> <ul style="list-style-type: none"> ▪ Purchase of audio visual aids for imparting more effective training programmes.
e	Expected outcome of the Programme/project/ scheme (a) & expected beneficiaries (b) (measurable outcome at the end of the year)	<p>(a) Hostel with good accommodation facilities, New buildings for DATC's and effective Training programmes.</p> <p>(b) Farmers/ farm women and extension officers are the indirect beneficiaries.</p>
f	Finance (Rs.in lakhs)	Financial target for the year 2019-20 is Rs.97.50 lakhs.

g. Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Proposed 2020.21
Amount Released	Expenditure	Amount Released	Expenditure	51.00
100.00	95.34	97.50	97.50	

h. Physical Achievements (Units :in Nos)

2018-19		2019-20		Audit Details
Target	Achievement	Target	Achievement	
8	8	14	14	-

i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

a	Name of the scheme and year of Introduction	Agriculture Extension and Training District Agriculture Training
b	Budget Head	2401-00-109-0-21. sub head :059
c	Central & State share under the State Sector.	State Sector Scheme – 100% State share

d	Objective of the programme	To strengthen the Raitha Samparka Kendras for effective implementation of Department programmes and technology transfer, the final year from Agriculture and Horticulture Universities will be deputed at least for 3 months to Raitha Samparka Kendras for acquiring minimum practical skills, field experience and knowledge. Monthly honorarium of Rs.3000/- will be paid to them.
e	Estimated benefit & number of beneficiaries	The final year students will acquire minimum practical skills, field experience and knowledge by deputing to Raitha Samparka Kendres Number of beneficiaries-2087
f	Financial (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 180 lakhs.

g) Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp (March-2019 end)	Expected Grants
180.00	173.1473	180.00	174.61	180.00

h) Physical Achievements (Units :in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach (March-2020 end)	
2000	2087	2000	2000	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any Audit has been completed for the year 2018-19 and there is no Audit observation

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

a.	Name of the scheme and year of Introduction	HASIRU HABBA/ KRISHI USTAVA /KRISHI ABHIYAANA/ SAMAGRA KRISHI ABHIYAANA - 2008-09
b.	Budget Head	State head: 2401-00-109-0-21 (059)
c.	Central & State share under the scheme	State : Central share - 100:0
d.	Objective of the Programme	To improve productivity of agricultural crops, transfer of new technologies and to disseminate comprehensive information of programmes implemented by Agriculture and allied departments to farmers, the Department of Agriculture has embarked on 'Samagra Krishi Abhiyaana' as an awareness programme. Objectives: <ul style="list-style-type: none"> ▪ Providing comprehensive information of Programmes implemented by Agriculture and allied Departments to farmers. ▪ Awareness regarding adoption of new technologies to improve agricultural productivity ▪ Facilitating Farmer-Scientist Interaction.
e.	Estimated benefit & number of estimated beneficiaries	The expected outcome of Samagra Krishi Abhiyaana is: <ul style="list-style-type: none"> ▪ Providing comprehensive information of Programmes of Agriculture and allied Departments to the farmers. ▪ Facilitating Farmer-Scientist discussions/interactions/solving of problems. ▪ Improving Productivity of food crops by encouraging adoption of technologies.
f.	Financial: (Rs. in Lakhs)	Grant of Rs.556 lakhs has been released for organising the programme during the year 2019-20.

g. Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants	Exp	Grants	Exp	Rs.520-00 lakhs has been released
555.00	521.45	556.00	534.28	

h. Physical Achievements (Units: in nos)

2018-19		2019-20		Audit observations(Audit under or not) prominent paras if any;
Target	Achievement	Target	Achievement	
739 Hobli level programmes	699 Hobli level programmes	741 Hobli level programmes	715 Hobli level programmes	

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation - Not Applicable.

a	Name of the scheme and year of Introduction	Agriculture Extension & Training 2013-14, Outsourcing of RSK outsourcing Staff
b	Budget Head	2401-00-109-0-21, Sub-Head-059
c	Central & State share under the State Sector.	State Sector - (0:100)
d	Objective of the programme	To carry out the Raitha Samparka Kendras Transaction and activities smoothly, one Accountant will be deployed per RSKs on out sourcing basis. outsourcing Staff duties and responsibilities is sale of Agriculture Inputs, Collection of farmer share and remittance to bank, maintenance of RSKs accounts & records and uploading of Farmer database in AISS Software.
e	Estimated benefit & number of beneficiaries	Under this scheme grants utilized to pay the salaries of Accountants of 742 RSKs
f	Financial (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 1506.00 lakhs.

g) Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Expenditure (March 2019 end)	Expected Grants
1639.11	1637.05	1506.00	1491.51	1768.00

h)Physical Achievements (Units:in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Expenditure	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any
8904	7420	8904	8904	Audit has been completed for the year 2018-19 and there is no Audit observation

* In 2019-20 released grants have been utilized for out sourcing staff honorarium those who are working in RSKs on out sourcing basis.

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not Applicable

a	Name of the scheme and year of Introduction	Committees & Consultancies 1993-94
b	Budget Head	2401-00-102-0-28 (Sub head-059)
c	Central & State share under the scheme	0:100
d	Objective of the Programme	<p>1. To bear the recurring expenditure of the members of Committee and Consultancies constituted for easy and time to time execution of the various agricultural schemes.</p> <p>2. To bear the expenses of the members who assemble for meeting as consultants to adopt advanced technology from time to time.</p> <p>3. To bear the expenses pertaining to conduct season wise programmes for strengthening the agricultural technologies.</p>
e	Estimated benefit & number of beneficiaries	552 Meetings.
f	Financial (Rs. In Lakhs)	Rs.50.00lakhs

g. Financial Expenditure(Rs.in lakhs) Plan:

Sl. No	Name of the Scheme & Budget Head	Progress 2018-19		Progress 2019-20		Grants for 2020-21
		Grants released	Acvivement	Grants released	Acheivement	
1	Committees & Consultancies 2401-00-102-0-28(059)	Rs. 36.00 lakhs	Rs.29.34 lakhs	Rs.30.00 lakhs	Rs.13.55 lakhs	Rs.50.00 lakhs

h.Physical Achievements(Units: in Nos):

2018-19		2019-20		Audit Observations
Tar	Ach	Tar	Ach	
540	552	--	--	To be audited for 2019-20

- i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.

-Not Applicable-

	Name of the scheme and year of Introduction	Farmers Suicide Year : 2003-04 (18-07-2003)
b	Budget Head	2401-00-102-0-28 Plan sub Head:100
c	Central & State share under the scheme	State Sector Scheme (0:100)
d	Objective of the Programme	To provide Rs.5.00 lakh as relief amount to the deceased farmer family who commit suicide due to debt
e	Estimated benefit & number of beneficiaries	-
f	Financial (Rs. In Lakhs)	An amount of Rs. 4580.00 lakhs has been provided for the scheme during 2019-20.

g. Financial Expenditure(Rs.in lakhs) Plan:

Sl. No	Name of the Scheme & Budget Head	Progress 2018-19		Progress 2019-20		Grants for 2020-21 Grants released
		Grants released	Acheivement	*Grants released	**Acheive ment	
1	Farmers Suicide 2401-00-102-0-28 (100)	4600.00	4841.49	4394.92	4368.92	00.00

* 2019-20 Rs. 4394.92 lakh released for the farmers suicide scheme, and remaining amount of Rs. 185.08 lakh released for the Relief to farmers accidental death and loss of fodder/hayloss due to fire accidents Scheme.

h. Physical Achievements(Units: in Nos):

2018-19		2019-20		Audit Observations
Tar	Ach	Tar	Ach	
-	970	-	873	To be audited for 2019-20

i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.

“ Not Applicable ”

a)	Name of the scheme and year of Introduction	KRISHI PRASHASTHI & KRISHI PANDIT PRASHASTHI, 2001-02 Krishi Prashasthi-1992-93 Krishi Pandit Prashasthi -2001-02
b)	Budget Head	2401-00-109-0-21 : Sub head 059
c)	If Plan, the Central & State share is	State sector scheme - 0:100

d)	Objective of the Programme/Project/ Scheme:	<p>Krishi Prashasthi -Significant improvement in agricultural production since the past three decades has been possible due to active participation and innovative efforts of farmers. In order to recognise and encourage such farmers who have achieved higher yields in selected crops, Krishi Prashasthi awards are presented to farmers at state, district & taluk levels.</p> <p>Krishi Pandit Prashasthi - Phenomenal increase in agricultural production since the past three decades has been possible due to creative and innovative efforts of farmers. In order to recognise and encourage farmers who have contributed to the welfare of the farming community through their innovations & constructive work in Agriculture.</p> <p>Krishi Pandit Prashasthi awards are presented to farmers under this scheme.</p>
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme/Scheme: (measurable output at the end of the year)	<p>Krishi Prashasthi-682</p> <p>Krishi Pandit Prashasthi 34</p>
f)	Financing: (Rs. in Lakhs)	Grants allotted during 2019-20 is 109.00 lakh Rs.

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21	
Grants	Exp	Grants	Exp	Grants	Exp
110.00	80.10	74.00	70.44	110.00	-

h) Physical Achievements (Units: in nos)

2018-19		2019-20		Two key Audit observations/ Inspection findings of year ____
Tar	Ach	Tar	ach	
710	341	707	375	Audit has not been completed for the year 2019-20

- i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

No Constraints

A	Name of the scheme and year of Introduction	Relief to farmers accidental death and loss of fodder/hay due to fire accidents.2010-11(17-05-2010)
B	Budget Head	2401-00-102-0-28 plan sub head:100
C	Central & State share under the scheme	State Sector Scheme (0:100)
D	Objective of the Programme	Relief to families of farmers/agricultural labourers with an amount of Rs. 1.00 lakh in case of death due to snake bites, fall from trees and other accidental death while doing agricultural activities. Compensation upto Rs.10,000 for loss of fodder/hay due to fire accidents. As per GOVERNMENT ORDER NO: KruE 77 Kruyoka 2018, BANGALORE, DATED: 20-08-2018 the Compensation amount for Accidental death has been enhanced to Rs.2.00 lakhs & for Hay loss maximum of Rs.20,000.
E	Estimated benefit & number of beneficiaries	–
F	Financial (Rs. In Lakhs)	An amount of Rs.1000.00 lakhs has been provided for the scheme during 2019-20

G. Financial Expenditure(Rs.in lakhs) Plan:

Sl No.	Name of the Scheme & Budget Head	Progress 2018-19		Progress 2019-20		Grants for 2020.21
		Grants released	Acheive ment	*Grants released	*Acheive ment	
1	Relief to farmers accidental death and loss of fodder/hay due to fire accidents. 2401-00-102-0-28(100)	1035.00	768.87	1000.00	1198.835	00.00

* During 2019-20 an amount of Rs. 1198.835 lakhs has been utilised for accidental death and hay loss. An amount of Rs 198.835 lakhs has been utilised for Farmer suicide Scheme.

H. Physical Achievements(Units: in Nos):

2018-19		2019-20		Audit Observations
Tar	Ach	Tar	Ach	
-	1905	-	1685	To be audited for 2019-20

- i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.

“Not Applicable

a)	Name of the scheme and year of Introduction	Crop loan interest subsidy 2009-10
b)	Budget Head	2401-00-102-0-28 plan sub head: 059
c)	Central & State share under the scheme	State Sector Scheme (0:100)
d)	Objective of the Programme	The benefits of the 1% interest subsidy is available to the farmers who repay crop loan along with the interest within due date upto Rs. 1.00 lakh.
e)	Estimated benefit & number of beneficiaries	-
f)	Financial (Rs. In Lakhs)	An amount of Rs. 1000.00 lakhs has been provided for the scheme during 2019-20

g) Expenditure: (Rs. in Lakhs)

Progress 2018-19		Progress 2019-20		Budget Estimate 2020-21
Grants released	Expenditure	*Grants released	Expenditure	Expected Grants
1077.37	1077.37	643.84	643.84	700.00

*2018-19 an amount of Rs. 1000.00 lakhs and from re-appropriation an amount of Rs. 77.37 lakh, total Rs. 1077.37 lakhs was released for the Crop loan interest subsidy scheme.

h. Physical Achievements(Units: in Nos):

2018-19		2019-20		Audit Observations
Tar	Ach	Tar	Ach	
-	275118	-	150045	To be audited for 2019-20

- j) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.

Not Applicable.

a	Name of the scheme and year of Introduction	Other Agriculture Scheme- Karnataka Agricultural Price Commission 2014
b	Budget Head	2401-00-102-0-28 Sub-head 059 & 103
c	Central & State share under the scheme	0: 100 (Centre : State Funding)
d	Objective of the Programme	Conducting studies and giving suitable recommendations to the Govt. regarding remunerative price for the farm produce, Improving the basic facilities for market, stabilization of market through price and non-price mechanisms, critical marketing interventions during the period of glut, crop insurance, etc.,
e	Estimated benefit & number of beneficiaries	-
f	Financial:(Rs. In Lakhs)	Grants allotted for 2019-20 is Rs. 250.00 lakhs

g) Expenditure: (Rs. In Lakhs)

Actual/Accounts 2018-19 (Lakhs)		Revised Estimate 2019-20 (Lakhs)		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp	Expected Grants (Lakhs)
250.00	184.46	250.00	174.25	300.00

h) Physical Achievements (Units: in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Achievement	
-	-	-	-	Audit upto 2017-18 at Head office.

- i.) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: **Not Applicable.**

a)	Name of the scheme and year of Introduction	Krishi Bhagya Scheme is being implemented from the year 2014-15
b)	Budget Head	2401-00-102-0-27 (059, 106, 422,423&133)
c)	Central & State share under the scheme	This is a State Sector scheme and Rs.250.00 crores was allocated for the year 2019-20,out of which Rs. 250.00 crores was released.
d)	Objective of the Programme	To improve rain fed agriculture scenario with the efficient management of rain water, to enhance the farm productivity. Thrust is being given to conserve rain water and utilize the collected water to irrigate the crop at critical stages of crop growth
e)	Estimated benefit & number of beneficiaries	<p>During 2019-20 under krishi bhagya 29481 farm ponds have been constructed. Utilizing the conserved water in these farm ponds, approximately around 1.61 lakh acre area have been provided with protective irrigation during critical stages of crop growth, thus increasing the annual income of the farmer</p> <p>As per the evaluation studies conducted by State Agricultural Universities, the scheme has helped the farmers to protect the crop, by providing protective irrigation during critical stages of crop growth and thus enhancing yield and income of the farmer.</p> <p>It has helped vulnerable landless people in generating employment and thus preventing the migration of youths from the rural area.</p> <p>As per the thirty party evaluation report of NABARD, the outcome of schemes are as follows</p> <p>5. Adoption of scheme has resulted in significant change in the land use pattern and there is an increase in cropped area</p> <p>6. In districts where rainfall was comparatively better, particularly in southern districts, there was a shift in the cropping pattern from traditional field crops like Ragi, Jowar, Green</p>

		gram, Maize etc., to high value horticultural crops like vegetables, flowers and fruits. 7. The income level of farmers has considerably increased due to shift in the cropping pattern. The water use efficiency has increased due to adoption of micro irrigation system like Sprinkler and Drip.
f)	Financing: (Rs. in Crores)	During 2019-20, Rs.250.00 crores was earmarked for the implementation of Krishi Bhagya scheme, and Rs. 250.00 crores was released. Rs.247.98 crores expenditure has been incurred.

g) Expenditure: (Rs. in crores)

Actuals/Accounts 2017-18		Actuals/Accounts 2018-19		Actuals/Accounts 2019-20		Budget Estimate 2020-21
Grants Released	Exp	Grants Released	Exp	Grants Releases	Exp	Expected Grants
639.99	633.01	458.30	457.41	250.00	247.98	40.00

h) Physical Achievements (Units: in Nos)

Components	2018-19		2019-20		Audit observation
	Tar	Ach	Tar	Ach	Audit completed for the year or not.
Farm pond	62600	67582	30000	29481	-

During 2017-18 & 2018-19 the Krishi Bhagya scheme was converged with the watershed development department schemes, under which, 13146 and 1519 totally 14665 Farm ponds have been constructed.

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation;

During the initial stages of implementation of the programme, significant response was received from the farmers, but during the actual implementation, their response declined. In this context, during 2015-16, several field visits and discussions were held with the farmers to exchange the ideas. Further suitable modifications in the strategies were made in guidelines for easy implementation of the programme.

Further to bring awareness in the farming community about this scheme, trainings and seminars were conducted at village level on war footing. Further, field days showcasing the benefits of the scheme were organized in the fields of farmers who had successfully implemented the programme. Wide publicity regarding the scheme was given in awareness programmes such as Krishi Abhiyan and Krishi Melas organised by State Agricultural Universities.

In 2016-17, farmers meet was organized in Koppal district to commemorate the success of the scheme. During the meet there was exchange of information, success stories of farmers were replicated which helped in motivating non-beneficiary farmers.

During the year 2017-18, “Farmers experience sharing workshop” was organized in Bangalore, mainly to share the experiences of farmers who had adopted the scheme in their farms. Farmers expressed that the scheme is highly beneficial especially for the dryland farmers, and has increased water use efficiency and area under irrigation. Further, by adopting fish rearing and integrated farming system, it has considerably increased the income level of farmers. As also the water stored has been serving as a source of water for animals during dry spells and for rural household activities. As there is huge demand by the farmers to adopt the scheme in their farms, the scheme has been converged and implemented with other schemes of the department and with other allied departmental schemes.

a.	Name of the Scheme and year of Introduction:	Karnataka Raitha Suraksha Pradhanamantri Fasal Bima Yojana: Since Kharif 2016.
b.	Budget Head:	2401-00-110-0-07(Non Plan)
c.	Central and State Share under the Scheme:	50 : 50
d.	Objective of the Programme:	<p>a.To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of pest & diseases.</p> <p>b. To help stabilise farm incomes, particularly in disaster years.</p> <p>c.To protect farmers in the event of crop failure due to natural calamities like hailstorm and landslide and to cover pre sowing and post harvest risk.</p>
e.	Financial (in Lakhs):	Financial allocation for the year 2019-20 is Rs.84500.00 lakhs which is completely utilised.
f.	Estimated benefit & number of Beneficiaries	<p>During 2019-20, Rs.84500.00 lakhs is allocated. This amount is used towards,</p> <p>a) 2019-20 Kharif/Rabi State Government share of Premium subsidy under KRS-PMFBY & R-WBCIS.</p> <p>b) CUG sim charges and CCE equipment purchase payment.</p>

g. Financial Expenditure(Rs.in lakhs) Non Plan:

Sl No.	Name of the Scheme & Budget Head	Progress 2018-19		Progress 2019-20		Grants for 2020-21
		Target	Acheivement	Target	Acheivement	
1.	New crop Insurance Scheme 2401-00-110-0-07	Rs. 84511.00+ 4351.96 lakhs Rs.88862.9 6 lakhs	Rs. 88848.22	Rs.84500.00	Rs.84500.00	Rs. 90000.00

h. Physical Achievements(Units: in Nos):

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach	
-	17,99,100	-	18,62,172	To be audited for 2019-20.

i. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/ reaching out to the Beneficiaries and delay in implementation:

"Not Applicable"

a)	Name of the scheme and commencement of the year	RSK Works (Nabard works)
b)	Budget – Head of Account	4401-00-001-1-01(Sub-Head 436)
c)	Central & State share under the scheme	State 100%
d)	Objective of the programme	Construction of New RSK Buildings at various places of Karnataka state under RIDF
e)	Estimated benefit and no.of beneficiaries	Not applicable
f)	Finance (in lakhs) 2019-20	Sub head 436 : 3090.00 lakhs

g.) Expenditure (Rs in lakhs)

Actual /Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released Rs in lakhs	Expenditure Rs in lakhs	Grants released Rs in lakhs	Expenditure Rs in lakhs	Expected grants Rs in lakhs
388.00	388.00	3090.00	3090.00	648.00

h) Physical achievement (Units : in nos)

2018-19		2019-20		Audit Observations
Target	Achievement	Target	Achievement	Just mention whether Audit as been completed for the year or not mention Audit Observation if any
Not applicable				No

- j) Brief analysis of the performance trends and implementations constraints reason for short fall in delivering the benefit/ reaching out to the beneficiaries and delay in implementations.

Not applicable

a)	Name of the scheme and commencement of the year	Capital Cost
b)	Budget – Head of Account	4401-00-001-1-01(Sub Head- 139)
c)	Central & State share under the scheme	State 100%
d)	Objective of the programme	Construction of New JDA, DDA-1,2, ADA, RSK Buildings & Purchase of sites.
e)	Estimated benefit and no.of beneficiaries	Not applicable
f)	Finance (in lakhs) 2019-20	Sub head 139: 1000.00 lakhs

g.) Expenditure (Rs in lakhs)

Actual /Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released Rs in lakhs	Expenditure Rs in lakhs	Grants released Rs in lakhs	Expenditure Rs in lakhs	Expected grants Rs in lakhs
Rs.244.00	Rs.244.00	1000.00	999.97	Rs.200.00

h) Physical achievement (Units : in nos)

2018-19		2019-20		Audit Observations
Target	Achievement	Target	Achievement	Just mention whether Audit as been completed for the year or not mention Audit Observation if any
Not applicable				No

i) Brief analysis of the performance trends and implementations constraints reason for short fall in delivering the benefit/ reaching out to the beneficiaries and delay in implementations.

Not applicable

a)	Name of the scheme and year of Introduction	Agricultural Farms & Developmental Centers
b)	Budget Head	2401-00-104-0-10 (Non Plan)
c)	If Plan, the Central & State share is	Not applicable
d)	Objective of the Programme/Project/ Scheme:	Foundation and Certified Seed Productions are taken up in seed farms and quality seeds are being distributed to the farmers through Karnataka State Seed Corporation.
e)	State & Estimated benefit & number of estimated beneficiaries from thProgramme/Project/ Scheme: (measurable output at the end of the year)	Quality seeds are being distributed to the farmers through Karnataka State Seed Corporation.
f)	Financing:(Rs. in Lakhs)	Grants allotted during the year 2019-20 is Rs. 193.19 lakhs

g)Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		2020-21
Grants released	Exp	Grants released	Exp	Budget allocation
1	2	3	4	
147.62	147.62	213.03	181.3	225.00

h) Physical Achievements (Units: in hectares)

2018-19		2019-20		Audit observations
1		2		4
Target	achievement	Target	achievement	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any.
97.60	78.60	98.40	82.70	During audit no observations have been made regarding seed farms.

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Mainly Foundation and Certified Seed Productions are taken up in these agricultural farms and agricultural development centers and quality seeds are being distributed to the farmers through KSSC. Breeder seeds required for organising foundation seed production is obtained from the University of Agricultural Sciences, Bangalore and Dharwad in advance. Based on the availability of Breeder seeds with Agricultural Universities, the seeds are re-allotted to the agricultural farms and agricultural development centers and the remaining area is utilised for certified seed production. Seed production in seed farms is restricted usually to irrigated areas. In dry and other areas Horticulture, Forest/ Bio fuel plants are taken up.

a)	Name of the scheme and year of Introduction	Seed Farms
b)	Budget Head	2401-00-103-0-01 (Non plan)
c)	Central & State share under the scheme	Not applicable
d)	Objective of the Programme	Foundation and Certified Seed Productions are taken up in seed farms and quality seeds are being distributed to the farmers through Karnataka State Seed Corporation.
e)	Estimated benefit & number of beneficiaries	Quality seeds produced in the seed farms are being distributed to the farmers through Karnataka State Seed Corporation.
f)	Financing: (Rs. in Lakhs)	Grants allotted during the year 2019-20 is Rs. 498.49 lakhs

g) Expenditure: (Rs. in Lakhs)

Act..ual/Accounts 2018-19		Revised Estimate 2019-20		2020-21
Grants released	Expenditure	Grants released	Expenditure	Budget allocation
429.64	429.64	510.77	487.53	528.00

h) Physical Achievements (Units: in hectares)

2018-19		2019-20		Audit observations
Target	Achivement	Target	Achivement	
247.92	232.36	263.48	251.87	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any.
				During audit no observations have been made regarding seed farms.

i) **Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:**

Mainly Foundation and Certified Seed Productions are taken up in these farms and quality seeds are being distributed to the farmers through KSSC. Breeder seeds required for organising foundation seed production is obtained from the University of Agricultural Sciences, Bangalore and Dharwad in advance. Based on the availability of Breeder seeds with Agricultural Universities, the seeds are re-allotted to the Seed Farms and the remaining area is utilised for certified seed production. Seed production in seed farms is restricted usually to irrigated areas. In dry and other areas Horticulture, Forest/ Bio fuel plants are taken up.

2. DISTRICT SECTOR SCHEMES

a	Name of the scheme and year of Introduction	Raitha Mitra Yojane- Farm Clinics -Plan, (District Sector) This Scheme was started during 2000-01 under State Sector and from 2005-06 it has been implemented under District Sector.
b	Budget Head	2435-00-101-0-31
c	Central & State share under the State Sector.	District Sector Scheme-Rs.399.05 lakhs
d	Objective of the programme	This scheme is implemented to take necessary field demonstrations and also for the daily maintenance of the Raitha Samparka Kendras activities

		including maintenance of the buildings and other basic facilities.
e	Estimated benefit & number of beneficiaries	Under this scheme grants utilized for the daily maintenance of the Raitha Samparka Kendras activities including maintenance of the buildings and other basic facilities.
f	Financial (Rs.in lakhs)	Financial Target for 2019-20 is Rs. 399.00 expenditure upto January is Rs. 398.40lakhs.

g) Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Expenditure (March 2019 end)	Expected Grants
366.56	295.48	398.40	360.00	399.00

h) Physical Achievements (Units:in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Expenditure	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any
742	750	742	755	Audit has been completed for the year 2018-19 and there is no Audit observation

* In 2019-20 released grants have been utilized for Accountants Honorarium Those who are working in RSKs on out sourcing basis.

k) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: Not Applicable

a	Name of the Scheme and Year of Introduction i) Title of the scheme ii) Year of Commencement-	District Sector - Organic Manures Scheme(Plan) Year of Commencement-2004-05
b	Budget Head	2435-00-101-0-34 (Plan)
c	Central and State Share under the scheme	District Sector Scheme (100% State share) (0:100)

d	Objectives of the Programme	1. Decrease the usage of Chemical fertilizer in Agriculture and to popularise the use of organic manures by providing them to the farmers at subsidised rates. 2. Maintenance of Soil Health and fertility.			
e	Estimated Benefit and number of Beneficiaries	Estimated Benefit : Use of organic manures have been popularised among the farming community. No. of beneficiaries is on an average: 12789			
f	Finance : (Rs.in lakhs)	Financial Target for 2019-20 is Rs.335.54 Lakhs			
g	Expenditure : (Rs.in lakhs)				
	Actual Accounts 2018-19		Revised Estimate 2019-20 (Till the end of Mar-2020)		Budget Estimate 2020-21
	Grants Released	Expenditure	Grants Released	Expenditure	Expected Grants
	307.20	293.39	335.54	312.73	-
h	Physical Achievements : (Unit : Hectares)				
	2018-19		2019-20		Audit Observations
	Tar	Ach	Tar	Ach (Till the end of Mar-2020)	
	Ha: 12549	Ha: 12053	Ha: 12789	Ha: 12885	
					2018-19 accounts not audited.
i	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation.		The scheme has been implemented successfully by achievng 93.20% financial progress. This has helped in improving the soil fertility apart from realising better yield.		

a)	Name of the scheme and year of Introduction	Agricultural Farms & Developmental Centers
b)	Budget Head	2435-00-101-0-40 (Plan)- Zilla Panchayat
c)	If Plan, the Central & State share is	0:100

d)	Objective of the Programme/Project/ Scheme:	This programme is implemented by Zilla Panchayath. This amount is utilized in the seed farms for different agricultural activities, purchase of Bullocks, repairs of power tillers / tractors, pipeline attachments and other developmental works.
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme/Project/ Scheme: (measurable output at the end of the year)	Different agricultural activities, purchase of Bullocks, repairs of power tillers / tractors , pipeline attachments and other developmental works are carried out.
f)	Financing: (Rs. in Lakhs)	Grants allotted during the year 2019-20 is Rs.64.90 lakhs

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20	
Grants released	Exp	Grants released	Exp
69.90	68.03	64.90	60.49

h) Physical Achievements (Units: in Nos)

2018-19		2019-20	
Target	achievement	Target	achievement
10	10	10	10

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

This programme is implemented by Zilla Panchayath. During 2019-20 an amount of Rs.64.90 lakhs was provided under this programme. By the end of February 2020 an amount of Rs. 60.49 lakhs has been spent. This amount is utilized in the seed farms for different agricultural activities, purchase of Bullocks, repairs of power tillers /tractors , pipeline attachments and other developmental works.

Chapter 3: Not applicable

Chapter 4: Not applicable

a)	Name of the scheme and year of Introduction	ASSISTANCE TO FARMERS
b)	Budget Head	2435-00-101-0-63
c)	If Plan, the Central & State share is	District sector scheme - 0:100
d)	Objective of the Programme/Project/Scheme:	In order to feed the growing population it is essential to provide necessary techniques and technology alongwith distribution of pesticides and sprayers under subsidy to farmers to control insects, diseases and weeds of crops effectively.
e)	State & Estimated benefit & number of estimated beneficiaries from the Programme/Project/Scheme: (measurable output at the end of the year)	The crops are effectively protected from different pests and there is increase in production and productivity. About 46520 farmers are benefitted by this programme
f)	Financial: (Rs. in Lakhs)	Grants allotted during the year 2019-20 is Rs. 273.58 lakh

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2016-17		Actual/Accounts 2017-18		Actual/Accounts 2018-19		Actual/Accounts 2019-20	
Grants	Exp	Grants	Exp	Grants	Exp	Grants release	Exp
170.701	161.254	157.554	152.785	170.426	156.178	273.58	260.00

h) Physical Achievements (Units: in nos)

Unit	2016-17		2017-18		2018-19		2019-20		Two key Audit observations/ Inspection findings of year 2018-19
	Tar	Ach	Tar	Ach	Tar	Ach	Tar	Ach	
Nos	11600	5956	22622	7630	14155	4435	12506	2780	Audit done at District level
Ha.	22400	22720	6606	18348	24944	24139	34716	44500	

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation:

The programme is successfully implemented by timely and effective control of different pests of crops and production was increased by the quality pesticides and sprayers distributed to the farmers under subsidy.

a	Name of the scheme and year of starting	AGRICULTURE EXTENSION AND TRAINING DISTRICT AGRICULTURE TRAINING CENTRE (PLAN) - DISTRICT SECTOR - 2005-06
b	Budget head of account	2401-00-109-0-21 (Plan) - from 2005 to 2011 2435-00-101-0-31 (Plan) - from 2011-12.
c	Central and state share if any	0:100
d	Programme/project/ scheme objectives	<ul style="list-style-type: none"> ▪ Imparting training in adoption of new agriculture technology to the farmers & farm women based on local problems, demands and needs of the farming community. ▪ To enhance the Professional efficiency of the agricultural extension officers.
e	Expected outcome of the Programme/ project/ scheme (a) & expected beneficiaries (b) (measurable outcome at the end of the year)	(a) Knowledgeable farming community who are able to adopt improved farming technologies. (b) Farmers/ farm women & extension officers (Total number of persons trained)
f	Finance (Rs.in lakhs)	Financial target for the year 2019-20 is Rs.156.30lakhs.

g. Expenditure : (Rs. in lakhs)

Actual/Accounts 2018-19		2019-20		Budget Estimate 2020-21
Amount Released	Expenditure	Amount Released	Expenditure	155.00
144.37	140.08	156.30	115.60	

h. Physical Achievements (Units :in Nos)

Unit - Number of persons trained - farmers /farm women/extension officers)				
2018-19		2019-20		Audit Details
Target	Achievement	Target	Achievement	
11880	13163	11880	7492	-

- j. Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:Not Applicable

3. Centrally Sponsored Schemes

3. CENTRALLY SPONSORED SCHEMES

a)	Name of the scheme and year of Introduction	National Food Security Mission- Rice, Pulses, program initiated during 2007-08 and extended till 12th 5 year plan. During the present year NFSM oilseeds is also implemented along with other crops and TRFA-pulses and oilseeds programs are initiated for the first time
b)	Budget Head	2401-00-102-0-08
c)	Central & State share under the scheme	Central & State share - (60:40)
	Objective of the Programme	<ol style="list-style-type: none"> 1. Increasing production of rice, pulses and coarse cereals through area expansion and productivity enhancement in a sustainable manner. 2. Restoring soil fertility and productivity at the individual farm level. 3. Improving economic conditions of the farmers.
e)	Number of beneficiaries	Number of beneficiaries under NFSM during the year 2019-20 : NFSM (Rice) – 52747 NFSM (Pulse) – 703122 NFSM (Coarse Cereals)- 25860 NFSM-Nutricereals-467632 NFSM-oilseeds-53250 NFSM-Cotton-7350 NFSM-Sugarcane--7037 NFSM – Intercropping with sugarcane-1567 Special pulse program-334137 TRFA-pulses-44081 TRFA-oilseeds-1849 Total -1698633
f)	Financial (Rs. in lakhs)	Financial targets: Rs in lakhs NFSM (Rice) – 975.54 NFSM (Pulse) –13943.34 NFSM (Coarse Cereals)- 1332.90 NFSM-Nutricereals-1332.90 NFSM-Cotton-137.06

		NFSM-Sugarcane-75.46 NFSM – Intercropping with sugarcane- 52.02 NFSM-oilseeds-670.00 Special pulse program-3433.69 TRFA-pulses-993.36 TRFA-oilseeds-280.14 Total : 27726.19
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g) Expenditure: (Rs. in lakhs)

Actual / Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released (January end)	Exp	Expected Grants
17504.72	17064.01	16834.00	15083.27	17477.00

f) Physical Achievements (Units: in Nos.)

2018-19		2019-20 (up to end of January 2020))		Audit observations
Tar	Ach	Tar	Ach	
		Copy enclosed		Audit for the expenditure incurred during 2018-19

Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation: Provide brief information. If not applicable please mention 'Not Applicable'

- Increase in the production of rice, pulses, and coarse cereals through area expansion and productivity enhancement in a sustainable manner is the major objective of National Food Security Mission being implemented in the State.

Implementation constraints:

- Differences in the subsidy components provided to Hi tech implements in different Central sector schemes.

Planning Section Budget and Programmes:

During the year 2018-19, an amount of Rs 319791.00lakhs has been allocated in the budget to implement plan and non-plan schemes of Agriculture Department. Out of this Rs.296469.00 and Rs.23322.00lakhs has been provided for plan and non-plan schemes respectively. In department of agriculture there are mainly two head of accounts viz.,

2401-Crop Husbandry, 2402- soil survey and testing and in addition 4401- capital outlay (Agriculture) under which programs are implemented. The department of Agriculture is implementing totally 28 schemes out of which 18 schemes are implemented under plan schemes and the remaining 10 schemes are implemented under non plan schemes. The details are as bellow:

2. Budget allocation of Centrally Sponsored Schemes (State Sector) (Rs.inLakhs)

Sl. No.	Head of Account	Name of the Scheme	Grants
1	2401-00-102-0-08	National Food Security Mission (NFSM)	21343.68
2	2401-00-108-1-15	National Mission for Sustainable Agriculture (NMSA)	24590.00
3	2401-00-114-0-01	National Mission on Oilseeds & Oil Palm (NMOOP)	1666.67
4	2401-00-800-1-53	National Mission on Agricultural Extension & Technology (NMAET)	2254.00
5	2401-00-800-1-57	Rashtriya Krishi Vikas Yojana (RKVY)	56833.00
6	2401-00-800-1-69	National e-Governance Agriculture Project (NeGP-A)	0.00

3. Zilla Panchayat Schemes allocation during 2019-20 (Rs.inLakhs)

S. N	Head of Account	Name of The Scheme	Grants
State Plan Schemes-Zilla Panchayat Programmes during 2016-17			
1	2435-00-101-0-29	Other Agriculture Schemes	778.80
2	2435-00-101-0-31	Farm Related Activities	462.89
3	2435-00-101-0-41	Supply of Crop Estimation Survey Equipments under Crop Insurance Scheme	16.57
4	2435-00-101-0-33	Agriculture Office Building	505.10
5	2435-00-101-0-40	Agriculture farms& Development center	56.54
6	2435-00-101-0-34	Organic Fertilizers	241.10
Total Zilla Panchayat Schemes			2061.00
Taluk Panchayat Programmes Allocation during 2016-17			
1	2435-00-101-0-63	Plant Protection-Assistance to Farmers	204.37
2	2435-00-101-0-65	Agricultural Fairs & Exhibition	49.63
Total Taluk Panchayat Schemes			254.00

Centrally Sponsored Schemes allocation under District sector 2019-20			
1	2401-00-196-6-13	Oilseeds Production Programme	0.00
Non Plan Schemes allocation under District Sector during 2019-20			
1	2401-00-196-1-01	Assistance to Zilla Panchayats	0.00
2	2401-00-197-1-01	Assistance to Taluk Panchayats	0.00
	Total		1374.00

*Total–State schemes-Rs.191927.00lakhs +Centrally Sponsored Schemes - Rs 101577.00 lakhs +Zilla Panchayat/ Taluk Panchayat Schemes-Rs.2965.00 lakhs =Rs.319791.00lakhs.

NATIONAL FOOD SECURITY MISSION

The Districts covered under NFSM Scheme are

NFSM Rice: 7 Districts such as Belagavi, Shivamogga, Haveri, Udupi , DakshinaKannada,Uttara Kannada and Yadagiri.

NFSM Pulses: 29 Districts such as Bengaluru, Bagalkote, Belagavi, Ballari, Bidar, Chitradurga, Davanagere, Dharwad, Gadag, Kalaburagi, Koppal, Mysore, Raichur,Tumkur, Kolar, Chickaballapur, Chickkamagalur, Chamarajanagar, Ramanagar, U.Kannada, D.Kannada, Hassan, Haveri, Shivamogga, Mandya, Madikeri, Udupi, Vijayapura and Yadagiri.

NFSM Coarse Cereals: 9 Districts such as Bagalkote, Vijayapura, Belagavi, Ballari, Chitradurga, Chikkaballapur, Davanagere, Haveri, and Hassan

NFSM Nutri Creals: 25 Districts such as Bengaluru, Bagalkote, Belagavi, Ballari, Bidar, Chitradurga, Davanagere, Dharwad, Gadag, Kalaburagi, Koppal, Mysore, Raichur,Tumkur, Kolar, Chickaballapur, Chickkamagalur, Chamarajanagar, Ramanagar, Hassan, Haveri, Mandya, Vijayapura and Yadagiri.

Targeting Rice Fallow Area (TRFA)-Pulses:12 Districts ,Belagavi, Ballari, Dharwad, Kalaburagi, Koppal, U.Kannada, Haveri, Shivamogga, Mysore, Mandya, Udupi, and Yadagiri.

Targeting Rice Fallow Area (TRFA)-Oilseeds: 7 Districts Ballari, Haveri,Mandya, Raichur, Udupi, Uttara kannada, yadagiri

NFSM-Special pulse Production Programme : 17 Districts, Bagalkote, Belagavi, Ballari, Bidar, Chitradurga, Davanagere, Dharwad, Gadag, Kalaburagi, Koppal, Mysore, Raichur, Chickkamagalur, Hassan, Haveri, Vijayapura and Yadagiri.

NFSM- Commercial Crop-Cotton: 7 Districts such as Belagavi, Davanagere, Dharwad, Kalaburagi, Haveri, Raichur, and Yadagiri.

NFSM- Commercial Crop-Sugarcane: 6 Districts such as Bagalakote, Ballari, Bidar, Belagavi, Bidar, Davanagere, Kalaburagi, and Mandya.

NFSM- Intercropping of Pulse with Sugarcane : 12 Districts such as Bagalkote, Belagavi, Ballari, Bidar, Davanagere, Dharwad, Kalaburagi, Haveri, Mandya, Mysore, U.Kannada and Vijayapura

In order to increase the productivity of Rice, Pulses, Coarse Cereals, Nutri Cereals and Commercial Crops in the State during the year 2019-20 as Gov. of India has accorded approval with the budget provision as below.

Programmes under NFSM as per Approved action plan during 2019-20

(Rs. in lakhs)

Sl.No	Programme	Budget
1	NFSM(Rice)	975.54
2	NFSM(Pulse)	13943.34
3	NFSM(Coarse Cereals)	1332.90
4	NFSM(Nutri Cereals)	5832.68
5	NFSM -Cotton	137.06
6	NFSM-Sugarcane	75.46
7	NFSM-sugarcane intercropping with pulses	52.02
8	NFSM-oilseeds	670.00
9	Special pulse program	3433.69
10	TRFA -pulses	993.36
11	TRFA oilseeds	280.14
	Sub Total	27726.19

ABSTRACT OF PROGRESS OF NFSM PROGRAMME 2019-20 (Rs. in lakhs)

Sl No	Programme	Budget Provision	Grants Released by GoI	Grants Released by GoK	Total Grants Available	Exp. Upto end of March 2019
1	NFSM-Rice	975.53	447.24	298.16	745.39	717.33
2	NFSM-Pulse	11477.00	5950.64	3967.15	9917.73	9450.49
3	NFSM- Coarse Cereals	1332.90	605.74	403.87	1009.61	966.25
4	NFSM- Nutri Cereals	2679.05	2549.05	1699.25	4248.30	3952.78
5	NFSM -Cotton	137.060	61.68	41.12	102.80	57.28
6	NFSM-Sugarcane	75.460	33.96	22.63	56.59	50.52

Sl No	Programme	Budget Provision	Grants Released by GoI	Grants Released by GoK	Total Grants Available	Exp. Upto end of March 2019
7	NFSM-sugarcane intercropping with pulses	0.000	31.21	20.80	52.01	22.93
8.	NFSM-oilseeds	800.00	319.13	211.05	530.18	464.82
9	Special pulse program	0.000	2060.21	1373.47	3433.68	2954.43
10	TRFA -pulses	0.000	596.02	397.34	993.35	805.41
11	TRFA oilseeds	0.000	168.08	112.06	280.14	190.29
	Grand Total	17477.00	12822.96	8546.90	21369.78	19632.53

**ABSTRACT OF COMPONENTWISE PROGRESS OF NFSM PROGRAMME
2019-20 (Rs. in lakhs)**

Sl No	Components	Physical targets	Finacial targets	Physical Achivement	FinacialAc hivement
1	Demonstrations (ha)	144258	10491.08	108211	7058.57
2	Seed Distribution (qtls)	281977	2993.98	234615	1318.44
3	Seed production (qtls)	54777	4168.52	39354	1773.71
4	Integrated Nutrient Management (ha)	261526	1315.50	372127	1801.59
5	Integrated Pest Management (ha)	608437	3041.52	599243	3190.83
6	Agri Mechinaries(Nos)	45013	1545.77	54171	1530.76
7	Water Tools(Nos)	3172208	3466.59	2708680	2569.48
8.	Cropping system based Trainings(Nos)	816	60.14	407	28.81
9	Workshops	75	132.75	18	33.72
10	Project Monitoring Team(Nos)	28	314.00	38	208.97
11	Local initiatives (Nos)	4105	329.08	5517	117.64
	Grand Total	4573220	27858.93	4122381	19632.52

a)	Name of the scheme and year of Introduction	National Mission for Sustainable Agriculture-Soil Health Management, 2014-15
b)	Budget Head	2401-00-108-1-16
c)	If Plan, the Central & State share is	Central sponsored Scheme (60:40)
d)	Objective of the Programme/Project/ Scheme:	Setting up of new static/mobile/mini soil testing Laboratories Setting up of Village level soil testing laboratories Strengthening of existing state Soil testing laboratories. Setting up of new State Fertilizer Quality Control Laboratories. Strengthening of existing State Fertilizer Quality Control Laboratories. Promotion and distribution of Micronutrients.
e)	Financing: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs.500.00 lakhs.

f) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp	Expected Grants
1192.79	914.84	660.46	602.219	500.00

h) Physical Achievements (Units: in nos)

Particulars	2018-19		2019-20		Audit observations
	Tar	Ach	Tar	Ach	
Village level soil testing projects	213	143	71	67	-
Distribution of micronutrients	-	-	100000 ha	76,500ha	

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

Not applicable

a)	Name of the scheme and year of Introduction	National Mission on Sustainable Agriculture- Soil Health Card Programme, 2014-15
b)	Budget Head	2401-00-108-1-16 plan
c)	If Plan, the Central & State share is	Central Sponsored scheme - 60:40
d)	Objective of the Programme/Project/ Scheme:	<ol style="list-style-type: none"> 1. To issue soil health cards to all farmers once in every 2 years and soil test based nutrient management practices to address nutrient deficiencies in fertilization practices. 2. To develop and promote crop based nutrient management for enhancing nutrient use efficiency. 3. Promote Integrated Nutrient Management (INM) through judicious use of chemical fertilizers, including secondary and micro nutrients, in conjunction with organic manures and bio-fertilizers, for improving soil health and its productivity.
f)	Financing: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs. 2379.85 lakhs.

g) Expenditure: (Rs. in Lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Exp Upto mar 2020	Expected Grants
2844.36	775.99	1135.233	1057.846	2500.00

h) Physical Achievements (Units: in nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Ach	-
67.18 lakhs	67.18lakhs	65034	65034	

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

not applicable

a)	Name of Scheme and Year of Commencement	Sub Mission on Agricultural Mechanisation (SMAM) Implemented from the year 2015-16				
b)	Budget Head of Account	Head of Account :- 2401-00-800-1-53,Sub code-059 ,106,422,43				
c)	If under Planned Scheme, Central and State Share	Centrally Sponsored(60:40)				
d)	Programme, Project and Purpose of the Scheme.	<ul style="list-style-type: none"> To increase farm power availability from 2.11kW/ha to 2.5 kW/ha in State. Reducing the cost of cultivation Helps in timely operation of agricultural operation. Increase the production and productivity. To maintain the financial competitiveness and sustainability in agriculture sector. Employment generation in agriculture and allied sectors. 				
e)	Programme's approximate beneficiaries (to be measured during the year end)	49678 beneficiaries				
f)	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs. 21911.16 lakhs.				
g)	Expenditure(Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21
		Re lease	Ex penditure	Re lease	Ex penditure	Ex pected Grants
		17642.96	17575.15	21911.16	20297.09	14314.00
h)	Physical Achievement (Unit: Hectares)	2017-18		2018-19 (Upto 31st March 2019)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		31495	52749	48911	84107	-

i)	Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable
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a)	Name of Scheme and Year of Commencement	Small Automated Oil Mills 2019-20																	
b)	Budget Head of Account	Head of Account-2401-00-103-0-15(Sub head-106,422 & 423)																	
c)	If under Planned Scheme, Central and State Share	0:100																	
d)	Programme, Project and Purpose of the Scheme.	The objective of the is encouraging farmers by providing “Small Automated Oil Mills” to produce/extract pure oils at farm/their levels. Hence benefitting the farmer to take up oil seed production and also helping to fetch good price for his produce by extraction of oil at his farm.																	
e)	Programme's approximate beneficiaries (to be measured during the year end)	829 beneficiaries																	
f)	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs.500.00 lakhs.																	
g)	Expenditure(Rupees in Lakhs)	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="609 1496 922 1624">Actual/Accounts 2018-19</th> <th colspan="2" data-bbox="922 1496 1204 1624">2019-20 (Upto March 2020)</th> <th data-bbox="1204 1496 1372 1624">Budget Estimate 2020-21</th> </tr> <tr> <th data-bbox="609 1624 737 1713">Release</th> <th data-bbox="737 1624 922 1713">Expenditure</th> <th data-bbox="922 1624 1045 1713">Release</th> <th data-bbox="1045 1624 1204 1713">Expen diture</th> <th data-bbox="1204 1624 1372 1713">Expected Grants</th> </tr> </thead> <tbody> <tr> <td data-bbox="609 1713 737 1803">-</td> <td data-bbox="737 1713 922 1803">-</td> <td data-bbox="922 1713 1045 1803">500.00</td> <td data-bbox="1045 1713 1204 1803">353.45</td> <td data-bbox="1204 1713 1372 1803"></td> </tr> </tbody> </table>			Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21	Release	Expenditure	Release	Expen diture	Expected Grants	-	-	500.00	353.45	
Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21															
Release	Expenditure	Release	Expen diture	Expected Grants															
-	-	500.00	353.45																

h)	Physical Achievement (Unit: Hectares)	2018-19		2019-20 (Upto 31st March 2020)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		-	-	500	829	-
i)	Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable				

a)	Name of Scheme and Year of Commencement	Chief Ministers Micro Irrigation Programme(/PMKSY/RIDF)-Plan Scheme Implemented from the year 2003-04
b)	Budget Head of Account	Head of Account :- Central Scheme- 2401-00-108-1-15(Central scheme),Sub code-059,422,423 & 436
c)	If under Planned Scheme, Central and State Share	Sharing pattern :Central:State:30:60 Based on farmer category(Small/Marginal/Big), 57-63%-State Share, Central Share-27-33% of subsidy is provided under object codes:106, 422 & 423. Under object code 436-total 90% subsidy is provided under State share.
d)	Programme, Project and Purpose of the Scheme.	<ul style="list-style-type: none"> • Reducing the cost of production • To provide irrigation to larger area with water available. • Helps to increase the income. • Reduces the incidence of pests and diseases. • Savings in use of power.

e)	Programme's approximate beneficiaries (to be measured during the year end)	171406 beneficiaries				
f)	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs. 40236.29 lakhs.				
g)	Expenditure(Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20(Upto 31st March 2020)		Budget Estimate 2020-21
		Release	Expenditure	Release	Expenditure	Expected Grants
		44735.31	44036.76	43495.19	42953.38	34218.00
h)	Physical Achievement (Unit: Hectares)	2018-19		2019-20(Upto 31st March 2020)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		182577	182512	182577.0	210531.65	NO
i)	Brief analysis of the performance trends and implementation constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable				

a	Name of the Scheme and Year of Implementation	Paramparagat Krishi Vikas Yojane under National Mission on Sustainable Agriculture (NMSA), 2015-16
b	Head of Account	2401-00-108-1-16 -059
c	If Plan scheme, share of Central and State. (Eg: 75:25 or 100:0 or 0:100)	60:40

d	Objectives of Programme	The main objective of the scheme is production of quality and safe agricultural products free from chemicals & pesticides by adopting eco friendly low cost technologies that restore & maintain soil health. Under PKVY, organic farming is promoted through adoption of organic village by cluster approach and PGS Certification.
e	Estimated Result and Beneficiaries from this Programme (As per Year ended result)	-
f	Financial(Rupees in Lakhs)	Rs.841.50 (released amount)
g	Expenditure: (Rs. lakhs)	Expenditure not incurred during 2019-20.
h	Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:	Reason for delay in implementation: For the implementation of the scheme, the process of selection of support agencies yet to be completed and the physical and financial progress was not achieved by the end of the financial year as the grants were released at the end of 2019-20. Thus, action has been initiated to draw the funds from the Treasury and to maintain a separate account in the name of the Director of Horticulture.

1.	Scheme Name & Year of Implementation	Support to State Extension Programmes for Extension Reforms- ATMA Scheme Agricultural Technology Management Agency also known as submission on Agri. Extension under National Mission on Agri Exten. & Tech (NMAET). In Karnataka State initially the scheme was implemented in nine districts during 2005-06 followed by additional four districts subsequently. From 2007-08 the scheme was implemented in all 30 districts.
2.	Head of Account	2401-109-0-34(059) Plan
3.	Sharing pattern	Since 2014-15 the pattern was 90:10 whereas from 2015-16 the sharing pattern is 60:40.

4.	Programmes & Project objectives	<p>The Scheme 'Support to State Extension Programmes for Extension Reforms' aims at making extension system farmer driven and farmer accountable by disseminating technology to farmers through new institutional arrangements viz. Agricultural Technology Management Agency (ATMA) at district level to operationalize the extension reforms on a participatory mode.</p> <p>This Scheme shall focus on the following key extension reforms:</p> <ul style="list-style-type: none"> • Encouraging multi-agency extension strategies involving Public/ Private Extension Service Providers. • Ensuring an integrated, broad-based extension delivery mechanism consistent with farming system approach with a focus on bottom up planning process. • Adopting group approach to extension in line with the identified needs and requirements of the farmers in the form of CIGs & FIGs and consolidate them as Farmers Producer Organisations; • Facilitating convergence of farmer centric programmes in planning, execution and implementation. • Addressing gender concerns by mobilizing farm women into groups and providing training to them. 			
5.	Approximate Project outcome and Beneficiaries annually	Increase in productivity through farmers participation for adopting agricultural technologies towards integrated farming system. Focused more on effective integration of all stake holders.			
6.	Financial Progress & Programmes	Financial Target for 2020-21 is Rs.50.85 Crores.			
7.	Expenditure: (Rs. in Crores)				
2018-19		2019-20		2020-21	
Budget including OB	Expenditure	Budget including OB	Expenditure	Expected Budget	Expenditure
50.44	39.10	47.79	38.27	50.85	-

8.	Physical Achievements (Units: in Numbers)				
2018-19			2019-20		Audit observation
	Tar	Ach	Tar	Ach	Audit has been completed for the year 2018-19.
Beneficiaries	239242	230018	100042	162416	Audit is pending for the year 2019-20.
9.	Brief analysis of the performance trends & implementation constraints, reasons for shortfall in delivering the benefit/reaching out to the beneficiaries and delay in implementation		During 2019-20 due to awareness generation of improved technologies and Integrated farming system, the farmer based activities resulted in good progress during the financial year as against the Action plan targets. Since the II Instalment of grants released from State Government was during the fag end of financial period, the funds were not utilized at District level.		

Name of Scheme and Year of Commencement	RKVY-Distribution of Tarpaulins Implemented from the year 2006-07
Budget Head of Account	Head of Account :- 2401-00-800-1-57,Sub code-106,422,423
If under Planned Scheme, Central and State Share	Centrally sponsored(60:40)
Programme, Project and Purpose of the Scheme.	The objectives of the scheme is to help the farmers in qualitative processing of the agriculture produce which is helpful to farmers as well as consumers.To promote the use of appropriate technologies that reduces losses and improves quality of the produce and to reduce the labour dependency and drudgery in post harvest operations
Programme's approximate beneficiaries (to be measured during the year end)	During the year 2019-20, 104834 Beneficiaries
Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs1000.00 lakhs.

Expenditure(Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20 (Upto March 2020)		Budget Estimate 2020-21
	Release	Expenditure	Release	Expenditure	Expected Grants
	1910.00	1908.90	1000.00	965.82	4000.00
Physical Achievement (Unit: Hectares)	2018-19		2019-20 (Upto March 2020)		Audit Observations
	Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
	191191	191081	104834	104834	-
Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable				

a)	Name of Scheme and Year of Commencement	National Mission for Sustainable Agriculture - Rainfed Area Development (NMSA-RAD)
b)	Budget Head of Account	2401-00-108-1-16 (P)
c)	If under Planned Scheme, Central and State Share	Central:State 60:40
d)	Objective of the Programme/Project/Scheme.	The programme aims at improving quality of life of farmers' especially small and marginal farmers, farm women by promoting such farm related activities which maximize the farm returns for enhancing his/her food and livelihood security.

		Integrated farming systems have to be adopted for overall development of rainfed agriculture. The economic conditions of the farmers can be improved by adopting activities like Agriculture, Agro-forestry, Horticulture, Livestock, Fisheries, Apiculture etc., as per the land capability, climate and local situations.
e)	Estimated benefit & Beneficiaries	Making Agriculture more profitable by way of increased farm productivity and sustainability, Conservation of natural Resources by means of proper soil and water conservation practices and Efficient utilization of water with good water management practices.
f)	Financial (Rupees in Lakhs)	2019-20 grants: Rs. 1667.00 Lakh (Central grants: 1000.00 lakh + State share: 667.00 lakh)

g) Expenditure (Rupees in Lakhs)

Actual/Accounts 2018-19		2019- 20		Budget 2020-21
Release	Expenditure	Release	Expenditure	
1056.77	931.25	1133.67	1062.39	1667.00 (Both state and Central Share)

h) Physical Achievement (Unit)

2018-19		2019-20		Audit observations
Target	Ach.	Target	Achievement	
6170	3554	5250	3973	The scheme is being implemented by Watershed Development Department. Hence action regarding Audit is being taken at watershed Department.

i) Brief analysis of the performance trends and implementation constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention : **Not Applicable.**

a	Name of the scheme and year of Introduction	Sub-Mission of seeds and planting Materials 2014-15
b	Budget Head	2401-00-103-0-22(059)
c	Central & State share under the scheme	Central Sponsored Scheme (60:40)
d	Objective of the Programme	The objective of the programme are 1. Increasing production of Certified/ quality seeds 2.upgrading the quality of farm saved seeds

		3.Promoting new technologies in seed production, processing and testing. 4. Strengthening and modernizing infrastructure for seed production , storage, certification and quality control
e)	Estimated benefit	Grants are released to Government agencies such as KSSC, KOF, KSSOCA and NSC, UAS Bangalore/ Shimoga/ Dharwad and Raichur and department seed Testing Laboratories
f)	Financial: (Rs. in Lakhs)	Financial Target for 2019-20 is Rs. 500.00 lakhs (Both GOI is Rs.300.00 lakhs and GOK is Rs.200.00 Lakhs)

g)Expenditure: (Rs. in Lakhs)

Actual/Accounts 2019-20						2020-21 Budget		
Grants released			Expenditure			Grants Allocation		
GOI	GOK	Total	GOI	GOK	Total	GOI	GOK	Total
115.24	180.00	295.23	115.24	180.00	295.23	0	100.00	100.00

i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation:

-Not Applicable -

a	Name of the scheme and year of Introduction	Rashtriya Krishi Vikasa Yojane 2007-08
b	Budget Head	2401-00-800-1-57
c	Central & State share under the State Sector.	60:40
d	Objective of the programme	Aims at making farming , a remunerative , economic activity through strengthening the farmers effort, risk mitigation and promoting agri business entrepreneurship. Creation of required pre and post harvest,storage, processing ,production and marketing promotion. Plan and execute schemes as per local/farmers' needs. Promotion of integrated farming system. Empower youth through skill development, innovation and agri entrepreneurship.
e	Financial (Rs.in lakhs)	Upto March 2019-20 Rs. 31623.00 lakh is released and expenditure is Rs 26060.00 lakh

a)	Name of Scheme and Year of Commencement	Krishi Yantra Dhare (Establishment of Farm Machinery Custom Hire service Centres) Implemented in the State from 2014-15				
b)	Budget Head of Account	2401-00-800-1-57 (106)				
c)	If under Planned scheme, Central and State share	Centrally Sponsored (60:40)				
d)	Programme, Project and Purpose of the Scheme.	The project proposes to provide Farm Machineries to Samll and Marginal farmers at nominal hiring charges in all the districts of the State.				
e)	Programme's approximate beneficiaries (to be measured during the year end)	Till date around 13.20 lakh farmers have been benefitted from this programme.				
f)	Financial (Rupees in Lakhs)	Financial target for 2019-20 is Rs.1600.00 lakhs.				
g)	Expenditure (Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20(Upto March 2020)		Budget Estimate 2019-20
		Release	Expenditure	Release (State)	Expenditure	Expected Grants
		2122.22	2117.78	1187.99	856.61	3000.00
h)	Physical Achievement:(Unit- in numbers)	2017-18		2018-19(Upto March 2019)		Audit Observations
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		250	95	125	125	-
		*-Remaining amount will be borne under Farm mechanization scheme.				

i)	Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable
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g)	Name of Scheme and Year of Commencement	Farm Mechanization- Karnataka Farm Mechanization Mission (R.K.V.Y.) implemented in the State from 2008-09				
h)	Budget Head of Account	Head of Account : 2401-00-800-1-57. Sub head of account: 059, 133, 422, 423				
i)	If under Planned Scheme, Central and State Share	Centrally sponsored(60:40) As per SMAM Guidelines centrally sponsored schemes grants is matched with the State sector grants.				
j)	Programme, Project and Purpose of the Scheme.	<ul style="list-style-type: none"> • Reducing the cost of cultivation • Helps in timely operation of agricultural poeration. • Increase the production and productivity. • To maintain the financial competativeness and sustainability in agriculture sector. • Employment generation in agriculture and allied sectors. 				
k)	Programme's approximate beneficiaries (to be measured during the year end)	0 Beneficiaries				
l)	Financial(Rupees in Lakhs)	Financial target for 2019-20 is Rs.0.00 lakhs.				
m)	Expenditure(Rupees in Lakhs)	Actual/Accounts 2018-19		2019-20 (Upto March 2020)	Budget Estimate 2020-21	
		Release	Expenditure	Release	Expen diture	Expected Grants
		255.00	254.09	-	-	-

n)	Physical Achievement(Unit_____)	2018-19		2018-19 (Upto March 2020)		Audit Observation
		Tar	Ach	Tar	Ach	Just Mention whether Audit has completed for the year or not.
		2351	2351	-	-	-
o)	Brief analysis of the performance trends and implementaion constraints, reasons for the shortfall in delivering the benefit/reaching out the beneficiaries delay in implementation: If not applicable please Mention Not Applicable	Not Applicable				

PROGRESS ACHIEVED DURING THE YEAR 2019-20

During 2019-20 the amount provided was Rs.426779.13 lakhs which includes State Sector /ZP/TP/Central Sponsored Schemes. The original budget was enhanced by way of reappropriation/additionality to Rs.540417.73 lakhs. The Department has incurred expenditure of Rs. 503333.55lakhs upto the end of March 2020.

Sl. No	Head of Account and Name of Schemes	Annual Budget	RE	1+2+3+4 qtr grants release	Expenditure	%
STATE SECTOR						
1	2401-00-001-1-01 Commissionerate of Agriculture	6217.00	6888.48	6888.48	6578.52	95.5
2	2401-00-001-1-75 Unspent SCP/TSP as per SCP TSP Act 2013	1777.29	1777.29	1777.29	1707.20	96.1
3	2401-00-102-0-27 Krishi Bhagya	25000.00	25000.00	25000.00	24798.52	99.2
4	2401-00-102-0-29 Revolving Fund for Minimum Support Price of Agro Crops	50000.00	0.00	0.00	0.00	0.0
5	2401-00-102-0-28 Other Agricultural Schemes	24119.00	8752.77	8752.77	8671.31	99.1
6	2401-00-103-0-01 Seed Farms	492.00	511.58	510.77	487.53	95.5
7	2401-00-103-0-15 Agricultural Inputs and Quality Control	62823.00	59944.76	59944.17	59084.66	98.6
8	2401-00-104-0-10 Agricultural Farms and Development Centres	165.00	214.79	212.79	181.30	85.2
9	2401-00-104-0-12 Organic Farming	9700.00	7204.16	7150.00	6966.05	97.4
10	2401-00-109-0-21 Agricultural Extension and Training	5402.00	5417.96	5336.15	5152.28	96.6

Sl. No	Head of Account and Name of Schemes	Annual Budget	RE	1+2+3+4 qtr grants release	Expenditure	%
11	2401-00-109-0-80 Project for Agricultural Training of Farm women	481.00	503.24	495.24	478.78	96.7
12	2401-00-110-0-07 New Crop Insurance Scheme	84500.00	99395.23	99395.23	95451.77	96.0
13	2401-00-800-1-70 Vacant Post Provision	464.00	1688.00	0.00	0.00	0.0
14	2401-00-800-1-71 Additional Provision for salary - Pay Commission	24000.00	14000.00	0.00	0.0	0.0
15	2401-00-108-1-15(436) NMSA-Chief Minister`s Sookshma Neeravari Yojane	3218.00	3259.16	3259.16	3130.88	96.1
16	2401-00-800-1-05 PM-KISAN	0.00	150000.00	150000.00	148651.00	99.1
17	2402-00-101-0-01 Soil Survey Organisation	40.00	40.00	40.00	33.44	83.6
18	4401-00-001-1-01 Agricultural Infrastructure	5120.00	4090.00	4090.00	4090.00	100.0
19	4401-00-102-0-01 Revolving Fund for Minimum Support Price of Agro Crops Other Expenses	1000.00	0.00	0.00	0.00	0.0
20	4401-00-108-0-01 Development Agricultural Technical Clusters on Israel Model	14592.00	0.00	0.00	0.00	0.0

Sl. No	Head of Account and Name of Schemes	Annual Budget	RE	1+2+3+4 qtr grants release	Expenditure	%
21	4401-00-113-0-01 Agricultural Engineering	1000.00	0.00	0.00	0.00	0.0
	A	320110.29	388687.42	372852.05	365463.24	98.0
	DISTRICT SECTOR					
22	2401-00-196-1-01 Assistance to ZP	8781.89	9388.74	9388.74	9388.74	100.0
23	2401-00-197-1-01 Assistance to TP	11727.95	13158.98	13158.98	13158.98	100.0
	B	20509.84	22547.72	22547.72	22547.72	100.0
	CENTRAL SECTOR SECTOR					
24	2401-00-102-0-08 National Food Security Mission	17477.00	21343.67	21343.67	19632.53	92.0
25	2401-00-108-1-15 NMSA-Chief Minister`s Sookshma Neeravari Yojane	33600.00	40819.76	40819.76	39822.50	97.6
26	2401-00-108-1-16 NMSA-Other Components	6065.00	4508.92	3770.86	2735.31	72.5
27	2401-00-114-0-01 NMOOP	687.00	687.00	0.00	0.00	0.0
28	2401-00-800-1-53 National Mission on Agriculture Extension and Training	8530.00	28997.24	28677.24	27071.66	94.4
29	2401-00-800-1-57 Rashtriya Krushi Vikasa Yojane	19800.00	32826.00	32426.00	26060.60	80.4
	C	86159.00	129182.59	127037.53	115322.60	90.8
	TOTAL=A+B+C	426779.13	540417.73	522437.30	503333.55	96.3

Chapter -3

There are no public institutions/associations/special purpose vehicles related to the Department of Agriculture

Chapter -4

Part -1 : Existing legislation /new legislations 2019-20

Part -2: Committees /commissions

Part-3: Reports/publication

a)Implementation of Seed Law Enforcement:

In order to monitor supply of quality seeds to the farming community, State Government is implementing the Seeds Act 1966, Seeds Rules 1968 and Seeds (Control) Order 1983 enacted by the Central Government. To implement these Laws, Govt. of Karnataka have Notified Seed Inspectors. Seed Inspectors draw seed samples from the sale points and send them to the Departments Notified Seed Testing Laboratories for analysis. On analysis, if the samples were found to be of sub-standard (i.e. less germination percentage), action will be initiated against the erring Seed dealer and the Producer.

During the year 2019-20 as against the annual target of 38,000 seed samples, comprising 11000 samples under Seed Act and 27000 samples under Service category, as on March 2020 totally 38000 seed samples, comprising 9775 samples under Seed Act category and 18961 samples under service category totally 28736 seed samples have been drawn by the Seed Inspectors and subjected to analysis in the Laboratories. Out of these samples 3053 service samples and 92 Seed Act category, totally 3145 samples were found to be sub-standard. Action is being taken as per Seed Legislations. During 2020-21, it is targeted to collect 38,000 seed samples.

a) Progress under Seed Testing:

There are Four Seed Testing Laboratories functioning under the control of Department of Agriculture. They are located at Bangalore (Hebbal), Dharwad, Davanagere and Gangavathi.

During 2019-20 as on March 2020, 28572 seed samples have been analysed. Laboratory wise progress achieved is as follows

Sl.No	STL labs	Targets	Samples received	Analysed
1	Hebbal	12260	9594	9594
2	Dharwad	9655	6055	6055
3	Davanagere	9010	7676	7581
4	Gangavati	7075	5411	5342
	Total	38000	28736	28572

Part 2 : Not applicable

Part 3 : Not applicable

Part 4 : Not applicable

Part -2: Committees /commissions

Constitution of Committees with their Terms and References.

As per the Operational Guidelines of NFSM (12th Five Year Plan), Govt. of India, the State Government, vide Government Order No. AGD/122/AMS/2014, Bangalore, Dated: 09.09.2014, has reconstituted the State and district level Food Security Mission Executive committees as below:

1. State Level Committee - National Food Security Mission (NFSM):

1	Chief Secretary	Chairman
2	Additional Chief Secretary & Development Commissioner,	Member
3	Additional Chief Secretary (RD & PR)	Member
4	Additional Chief Secretary (Energy)	Member
5	Principal Secretary (Agriculture)	Member
6	Principal Secretary (Irrigation)	Member
7	Secretary (Social Welfare Department)	Member
8	Vice Chancellor(s) of SAUs	Member
9	Commissioner, Agriculture	Member
10	Director/Project Director of ICAR Institutes	Member
11	DGM, NABARD	Member
12	SLBC, Convener	Member
13	State Mission Director	Member Secretary

District Committee-NFSM:

1	Chief Executive Officer, Zilla Panchayat	Chairman
2	Deputy Director (Horticulture)	Member
3	Representative from lead Bank & NABARD	Member
4	Representative from Universities & KVK	Member
5	Representative from Progressive Farmer	Member
6	Representative from NGO	Member
7	Representative from SHG	Member
8	Project Director, ATMA	Member
9	District Joint Director of Agriculture	Member Secretary

The terms and references of the Committee are as follows:

1. To scrutinise the DPRs/Concept notes submitted by the implementing Departments/Institutions for funding under different Schemes.
2. To convene monthly meetings of the committee to review the physical and financial progress of various projects/schemes
3. To monitor the implementation of the projects by the various departments/institutions in accordance with the approved DPRs/concept notes through frequent visits
4. To take up concurrent evaluation of the projects approved under different schemes
5. To give administrative approval for the scheme and take necessary action towards release of State share proportionate to the Central share
6. To provide necessary guidance regarding application/adoption of new technologies
7. To co-ordinate with line departments in implementation of the programme/project.

2. State level committee of Krushi Prashasti and Krushi Panditha Prashasti

To decide winners of state level Krushi Prashasti and Krushi Panditha Prashasti, a committee under the chairmanship of Principal secretary to Government, Agriculture, is constituted. The constitution and responsibilities is as follows

1	Principal Secretary to Government, Agriculture	Chairman
2	Commissioner for Agriculture	Member
3	Director of Agriculture	Member

4	Director of Extension, U.A.S. Dharwad	Member
5	Director of Extension, U.A.S. Bengaluru	Member
6	Director of Extension, U.A.S. Raichur	Member
7	Director of Extension, U.H.S. Bagalkote	Member
8	Director of Extension, U.A.H.S. Shivamogga	Member
9	Director of Research, U.A.S. Dharwad	Member
10	Director of Research, U.A.S. Bengaluru	Member
11	Director of Research, U.A.S. Raichur	Member
12	Director of Research, U.H.S. Bagalkote	Member
13	Director of Research, U.A.H.S. Shivamogga	Member
14	Director, Economics and Statistics Department	Member
15	Working president, KPKS, Bengaluru	Member
16	Additional Director of Agriculture (HRD) Head office, Bengaluru	Member Secretary
17	State co-ordinator, ATMA section, Head office, Bengaluru	Member

- To guide on effective implementation of Krushi panidt and krushi prasasti scheme.
- To select State level Krushi panidt and krushi prasasti winners.
- To organize state level Krushi panidt and krushi prasasti award function and to felicitate winners .
- To examine and dicide on the issues raised on declaration of State level Krushi panidt and krushi prasasti winners.
- To examine and bring necessary changes in the guidelines for lacunas found in the implementation of the scheme.

3. Composition of State Level Sanctioning Committee (SLSC)

Chief Secretary	-	Chairman
Agri Prod. Commissioner/ principal Secretary (Agriculture)	-	Vice- Chairman
Secretary, Finance	-	Member

Secretary, Planning	-	Member
Secretary, Fisheries	-	Member
Secretary, Animal Husbandry	-	Member
Secretary, Environment and Forests	-	Member
Secretary, Panchayati Raj	-	Member
Secretary, Rural Development	-	Member
Secretary, Water Resources/ Irrigation/Minor Irrigation	-	Member
Director, Agriculture	-	Member
Director, Horticulture	-	Member
Director, Animal Husbandry	-	Member
Director, Fisheries	-	Member
Representative of Department of Agriculture, Cooperation & Farmers Welfare, Govt. of India (Officer below the rank of joint Secretary)	-	Member
Representative of Department of animal Husbandry , Dairying & Fisheries, Govt of India (Officer below the rank of joint Secretary)	-	Member
Representative of State Agriculture University	-	Member
Representative of Planning Commission	-	Member
Secretary, Agriculture	-	Member-Secretary

Note:

1. SLSC may co-opt two more members from Agriculture Research Organization, reputed NGOs working in the field of Agriculture, Deputy Commissioners of Important districts, and leading farmers.
2. The quorum for the SLSC meeting would not be complete without the presence of at least one representative from the Government of India.

Responsibilities of State Level Screening Committee

- A State Level Screening Committee Headed by the Chief Secretary of the State is vested with the authority to sanction specific project recommended by the SLPSC under each stream of RKVY-RAFTAAR in a meeting attended by representatives of the Government of India also.

- The quorum for SLSC meetings would not be complete without the presence of at least one representative from the Government of India.
- SLSC will normally approve projects equal to be amount of allocation of the state under RKVY-RAFTAAR and under no circumstance, will SLSC approve project for more than 150% of the allocation of the State.
- SLSC will also be responsible for proper implementation and monitoring of each project sanctioned by it under each stream of RKVY-RAFTAAR.
- SLSC will review the implementation of the schemes' objectives and ensure that the projects/ schemes are implemented according with the guidelines laid down;
- SLSC will ensure the evaluation of the projects implemented by all Departments/Institutions/Universities as per the guidelines.
- SLSC will ensure the selection of beneficiaries under any project of RKVY-RAFTAAR, adequate coverage of small and marginal farmers, scheduled cast, Scheduled Tribes and women and weaker segments of the society viz., minority beneficiaries.
- SLSC shall meet as often as required but shall meet at least once in a quarter.

Part-3: Reports/publication

Sl.No	Name of the Scheme	Head of A/c	Extension literatures brought out during the year 2019-20
1	Agricultural Extention and training	2401-00-109-0-21 sub head:059	<ul style="list-style-type: none"> • Departmental scheme guidelines book for the year 2019-20 • Flip chart containing departmental scheme details for 2018 • A small booklet containg benefits available to farmers under various schemes for the year 2019-20

Chapter -5

- A. Staff Vacancy position
- B. Retirements during the year 2019-20
- C. Staff out sourcing
- D. Training programmes

STAFF POSITION OF THE DEPARTMENT OF AGRICULTURE AS ON 31.03.2020

Sl. No	Name of the post	Sanctioned	Filled	Vacant	Male	Female	SC	ST
	Group – A							
1	Commissioner	2	2	0	2	0	0	0
2	Director of Agriculture	3	3	0	2	1	1	2
3	Addl. Director of Agriculture	8	8	0	8	0	1	0
4	Joint Director (Admn)	1	1	0	0	1	0	0
5	Joint Director of Agriculture	51	51	0	33	18	7	2
6	Deputy Director of Agriculture	85	85	0	59	26	12	3
7	Chief Accounts Officer	1	1	0	1	0	0	0
8	Law Officer	1	0	1	0	0	0	0
9	Executive Engineer	1	1	0	1	0	0	0
10	Asst. Director of Agriculture	385	260	125	201	59	45	10
11	Deputy Director(Statistic)	1	1	0	0	1	0	0
12	Asst. Director of Agriculture(FW)	46	29	17	0	17	8	2
13	Admin. Officer	25	4	21	3	1	1	0
14	Asst. Executive Engineer	2	1	1	1	0	0	0
	TOTAL - A	612	447	165	311	124	75	19
	Group – B							
15	Agri. Officer/Agri. Officer (FW)	1589	1064	525	644	420	166	32
16	Asst. Director of Statistician	1	1	0	1	0	0	0
17	Chief Artist -cum - Audio Visual Specialist	1	0	1	0	0	0	0
18	Admin. Assistant	41	32	9	25	7	7	2

Sl. No	Name of the post	Sancti oned	Filled	Vacant	Male	Female	SC	ST
19	Asst. Agri. Officer/ Asst. Agri. Officer (Agri. Engg & Water Management)/(FW)	2370	926	1444	870	56	215	80
20	Asst. Engineer (Civil)	2	0	2	0	0	0	0
	TOTAL - B	4004	2023	1981	1540	483	388	114
	Group - C	Sancti oned	Filled up	Vacant	Male	Female	SC	ST
21	Superintendent	364	287	77	197	90	43	11
22	Librarian	1	1	0	1	0	0	0
23	Draghtsman	1	1	0	1	1	0	0
24	Mechanical Foreman	2	2	0	2	2	0	0
25	Statistical Inspector	2	0	2	0	0	0	0
26	Agriculture Implement Supervisor	12	12	0	12	0	0	0
27	First Division Assistant	563	412	151	317	95	82	11
28	Stenographer	47	32	15	8	24	3	1
29	Senior Typist / Typist	367	95	272	23	72	15	1
30	Senior Driver / Driver	352	62	290	62	0	13	3
31	Tracer	43	43	0	43	0	0	0
32	Agriculture Assistant	33	33	0	33	0	11	2
33	Second Division Assistant	630	418	212	272	146	85	22
34	Library Assistant	1	0	1	0	0	0	0
35	Laboratory Assistant	65	28	37	21	7	6	0
37	Compositor	3	3	0	3	0	0	0
38	Printer	3	3	0	3	0	0	0
39	Binder	1	1	0	1	0	0	0
40	Senior Artist/Artist	1	0	1	0	0	0	0
41	Project Operator	1	1	0	1	0	0	0

Sl. No	Name of the post	Sanctioned	Filled	Vacant	Male	Female	SC	ST
42	Carpenter cum smith	1	0	1	0	0	0	0
	TOTAL - C	2493	1434	787	1000	437	258	51
	Group - D							
43	Attender	111	45	66	30	15	11	7
44	Cooks	23	12	11	6	6	6	1
45	Group – D	920	450	470	250	200	98	32
	TOTAL - D	1054	507	547	286	221	115	40
ABSTRACT								
Sl. No	Group	Sanctioned	Filled up	Vacant	Male	Female	SC	ST
1	A	612	447	165	311	124	75	19
2	B	4004	2023	1981	1540	483	388	114
3	C	2493	1434	787	1000	437	258	51
4	D	1054	507	547	286	221	115	40
	GRAND TOTAL	8163	4411	3480	3137	1265	836	224

Details of Retirement, Voluntary Retirement, Death etc., upto 31.03.2019		
Sl.No.	Cadre Name	No. of Retirement, Voluntary Retirement, Death upto 31.03.2019
1	Additional Director of Agriculture	2
2	Assistant Director of Agriculture	7
3	Assistant Director of Agriculture (farm women)	5
4	Agriculture Officer	42
5	Administrative Officer	1
6	Administrative Assistant	4
7	Superintendent	26
8	First Division Assistant	12
9	Second Division Assistant	10
10	Senior Driver / Driver	14

Details of Retirement, Voluntary Retirement, Death etc., upto 31.03.2019		
Sl.No.	Cadre Name	No. of Retirement, Voluntary Retirement, Death upto 31.03.2019
11	Senior Typist / Typist	4
12	Tracers	14
13	Laboratory Assistant	1
14	Agriculture Impliment Supervisor	2
15	Printer	1
16	Group-D	9
17	Lab Attenders	5
	Total	159
Staff appointment through outsourcing during the year 2019-20		
1	Data Entry Operator	175
2	Drivers	102
3	Group-D	294

E. Training Programs - 2019-20

Human Resource is an essential and integral part of any organization. There is a rapid growth in all sectors as well as in agriculture, which is essential for the advancement of agricultural knowledge over time. The role of Extension Officers (Lab to land) in delivering the knowledge of modern technologies in agriculture is very important. In addition, the extension authorities also need to have the technical know-how, as well as the immense complement of ideas and information, in order to respond to the demands of the multi-faceted dimensions of today's farmers. Against this backdrop, to enhance the creativity, skill management and professional competence of the extension authorities, various levels of officials are deputed to State's prestigious institutions such as Administrative Training Institute (ATI), Mysore, Fiscal Policy Institute, Bangalore, Department of Personnel and Administration Reform (RDPR) Bangalore, State Agriculture Universities, Extension Education Institute (EEI), MANAGE, NIRD, NIPHM, Hyderabad, RFCL Chennai, NSRTC Varanasi etc.

Fruitfulness

- Effectively utilize the knowledge gained in various subject training programs in their field level program.
- Officers who specialize in training will serve as resource persons for various Farmer Programs arranged at District Agricultural Training Centers / District level / Hobali level / Village level.

- Increases the intelligence and knowledge level of the officers through training and gives them the confidence to face tough situations legally.

Details of Officers Sent to various Training:

Se.No.	Details	Partipants Number	Remarks
1	Officers attending training in state and outside states	468	
2	** Officers attending training abroad	2	entered the details
	Total	470	

** Mr. M. S. Diwakar, Additional Director of Agriculture, Human Resource Development (HRD), participates in International Training / Workshop on "Agriculture Transformation" at Bali, Indonesia, in collaboration with National Productivity Council (NPC) & Asian Productivity Organization (APO) from 30.09.2019 to 04.10.2019.

** Mr. M. S. Diwakar, Additional Director of Agriculture, Human Resource Development (HRD), and Smt. Geeta Halli, Deputy Director of Agriculture, Crop Insurance, are deputed to training program on "Public Policy and Governance" along with a tour of South Korea, at Institute of Social and Economic Change, Dr. V. K. R.V. Rao Road, Nagarabhavi, Bangalore, from 20.01.2020 to 20.02.2020.

- A. Audit observation
- B. Litigations
- C. Right to information act
- D. Agriculture production programme

E. Audit observation

During the year 2019-20 the offices which were audited from the Directorate of Agriculture as detailed below:

Sl.No	Name of the Offices	Year of audit	Date of audit	Remarks
1.	Assistant Director of Agriculture, Nanjangud	2018-19	8-5-2019 to 10-5-2019	The parawise replies with documents have been obtained from subordinate offices which were inspected from the Directorate of Agriculture. The correct replies will be accepted and the

Sl.No	Name of the Offices	Year of audit	Date of audit	Remarks
				remaining paras will be continued for further proper replies.
2.	Assistant Director of Agriculture Sindnur	2017-18 to 2018-2019	24-5-2019 to 25-5-2019.	-do-
3.	Assistant Director of Agriculture Bylahongal	2017-18 to 2018-2019	22-5-2019 to 25-5-2019.	---do---
4.	Assistant Director of Agriculture Devanahalli	2017-18 to 2018-2019	30-5-2019 to 1- 6-2019.	---do---
5.	Assistant Director of Agriculture Hirekerur.	2016-17 to 2018-2019	97-2019 dto 14- 7-2019.	-do-
6.	Assistant Director of Agriculture Aland	2018-2019	5-6-2019 to 7-6- 2019.	-do-
7.	Assistant Director of Agriculture Chittapur.	2017-18 to 2018-2019.	12-6-2019 to 15-6-2019.	-do-
8.	Assistant Director of Agriculture Vijayapura.	2018-2019.	26-6-2019 to 29-6-2019.	-do-
9.	Assistant Director of Agriculture Yelburga.	2017-18 to 2018-2019.	19-6-2019 to 22-6-2019.	-do-
10.	Asst. Director of Agriculture Ramdurga	2018-2019.	23-6-2019 to 25-6-2019.	-do-
11.	Assistant Director of Agriculture Srinivaspura.	2017-2018 to 2018-2019.	4-9-2019 to 7-9- 2019.	-do-
12.	Assistant Director of Agriculture Hiriyur	2017-2018 to 2018-2019.	8-7-2019 to 11- 7-2019.	-do-

Sl.No	Name of the Offices	Year of audit	Date of audit	Remarks
13.	Assistant Director of Agriculture Khustagi	2017-2018 to 2018-2019.	17-7-2019 to 20-7-2019	---do---
14.	Assistant Director of Agriculture Mudigere	2017-2018 to 2018-2019.	23-7-2019 to 26-7-2019.	---do---
15.	Assistant Director of Agriculture Manvi.	2017-2018 to 2018-2019.	18-9-2019to 21-9-2019.	---do---
16.	Assistant Director of Agriculture Aurad.	2017-2018 to 2018-2019.	23-10-20149 to 25-10-2019.	-do-
17.	Assistant Director of Agriculture Kollegal	2017-2018 to 2018-2019	5-11-2019 to 8-11-2019.	---do---
18	Assistant Director of Agriculture Bhalki.	2017-2018 to 2018-2019	27-11-2019 to 30-11-2019.	-do-
19.	Assistant Director of Agriculture Arsikere	2017-2018 to 2018-2019	7-1-2019 to 9-1-2020.	-do-
20	Assistant Director of Agriculture Raichur.	2017-2018 to 2018-2019	17-7-2019 to 20-7-2019.	---do---
21.	Assistant Director of Agriculture Chikkodi.	2017-2018 to 2018-2019	5-8-2019 dto 8-8-2019.	-do-
22	Assistant Director of Agriculture Mandya	2017-2018 to 2018-2019	11-11-2019 to 14-11-2019.	-do-
23	Asst. Director Agriculture Jamkhandi	2017-2018 to 2018-2019	27-8-2019 to 30-8-2019.	-do-
24	Assistant Director of Agriculture Chennagiri	2018-2019.	11-9-2019 to 12-9-2019.	---do---
25.	Assistant Director of Agriculture Honnhali	2017-2018	12-9-2019 to 13-9-2019.	---do---

Sl.No	Name of the Offices	Year of audit	Date of audit	Remarks
26.	Assistant Director of Agriculture Hosadurga.	2017-2018 to 2018-2019	16-10-2019 to 19-10-2019.	-do-
27	Assistant Director of Agriculture Belgavi.	2017-2018 to 2018-2019	20-11-2019 to 23-11-2019.	-do-
28.	Assistant Director of Agriculture Malvalli	2017-2018	19-8-2019 to 22-8-2019.	---do---
29	Assistant Director of Agriculture Koppala	2017-2018 to2018-2019.	10-2-2019 to 14-2-2019.	-do-

A. AUDIT OBSERVATION

During the year 2019-20 the offices which were audited from the Directorate and Memo-Reading details as below.

Sl. No.	Name of the Office	Memo-Reading details and year	Date of Memo-Reading	Remarks
1.	DDA DATC Bagalkote	2014-15 to 2017-2018	31-1-2020	At the time of Memo-reading parawise remarks have been obtained along with the documents for the outstanding paras which were noticed at the time of audit. The Proper reply furnished for the paras will be dropped and the remaining paras will be continued for further reply.
2.	Assistant Director of Agriculture Bilgi	2017-2018	31-1-2020	- do -
3.	Assistant Director of Agriculture Badami	2015-2016	31-1-2020	- do -
4.	Assistant Director of Agriculture Jamkhandi	2009-10 to 2018-2019	31-1-2020	- do -
5	Assistant Director of Agriculture Hosadurga.	2017-2018 to 2018-2019.	14-1-2020	- do -
6	Assistant Director of Agriculture Hiriyur	2016-17 to 2018-2019.	14-1-2020	- do -
7.	Assistant Director of Agriculture Chellakere	2017-2018	14-1-2020	- do -
8	Assistant Director of Agriculture Gubbi.	2017-18	18-1-2020	-do.

B. Litigations Details of court cases pertaining to Seed section

Year	Case No.	Between Parties	Details of the case	Status of the case
2017-18	WP No. 31329-338/17(GM-Res) Bangalore	Karnataka State Certified Seed producers Association and others Vs State of Karnataka and others	Regarding MOU between department and Public sector agencies for supply of seeds	Under hearing

CHAPTER-6

1.	Matters related to the Court of Law-2013 The following Writ petitions have been filed before the Hon'ble High Court of Karnataka, Bengaluru.		
	S.N.	Name of the Petitioner	Case No.
	1.	Agrosynth chemicals Limited	W.P.No. 737/2018
	2.	Amsri Chemicals Limited	W.P. No. 44213-44215/2013 (GM-RES)
	3.	Bhuvi Crop Science	W.P. No. 46650//2013 (GM-RES)
	4.	Coromandel Agro Chemical Indus.	W.P. No. 46963/2013 (GM-RES)
	5.	Cropex Bio Chemicals	W.P. No. 50196/2013 (GM-RES)
	6.	Devi Crop Science (P) Ltd	W.P. No. 46308-311 & 46315-317/2013
	7.	Fertile Agro Chem Ltd.,	W.P. No. 50021/2013 (GM-RES)
	8.	Futura Agro Chemicals	W.P. No. 46736/2013 (GM-RES)
	9.	GIA Crop care	W.P. No. 45517-45517/2013 (GM-RES)
	10.	Happy Lands Agro Inputs Pvt Ltd.,	W.P. No. 50022/2013 (GM-RES)
	11.	Hindustan Agro Insecticides	W.P. No. 48737/2013 (GM-RES)
	12.	Image Crop Sciences	W.P. No. 49241/2013 (GM-RES)
	13.	Indus Valley Crop Technology	W.P. No. 57353/2013 (GM-RES)
	14.	Karapur Agro Pvt. Ltd	W.P. No. 40407-40410/2013 (GM-RES)
	15.	Kaveri Seed Company Ltd	W.P. No. 48771-48772/2013 (GM-RES)
	16.	Lakshmi Agro Industries	W.P. No. 50020/2013 (GM-RES)
	17.	MAA Bio Sciences & Technologies	W.P. No. 50154/2013 (GM-RES)

	18.	Modern Agro and Chemical Indus.	W.P. No. 46962/2013 (GM-RES)
	19.	Nakasa Crop Science Pvt Ltd.	W.P. No. 46739/2013 (GM-RES)
	20.	Shrusti Agro Science	W.P. No. 103251/2013 (GM-RES)
	21.	Sigma Agrocure Products Pvt. Ltd.	W.P. No. 46734/2013 (GM-RES)
	22.	Srikar Biotech Pvt.Ltd	W.P. No. 46282/2013 (GM-RES)
	23.	Sudarshan Agro And Bio Chemicals	W.P. No. 48740/2013 (GM-RES)
	24.	Synergie Agri Sciences	W.P. No. 46973/2013 (GM-RES)
	25.	Taamini Bio Care	W.P. No. 48768-48770/2013 (GM-RES)
	26.	Vital Agri Solutions	W.P. No. 46649/2013 (GM-RES)
Sub: Sale of unregistered biopesticides and biofertilizers .			
Writ Petitions submitted before the Hon'ble High Court of Karnataka, Bengaluru by the petitioners requesting the respondents not to interfere in marketing of bioproducts.			
GOK-Agriculture Department by its Principle Secretary, Director of Agriculture and others as Respondents.			
Para wise replies have been submitted to the Hon' ble Court on behalf of the respondents. Hon'ble High Court of Karnataka has ordered to connect all the above petitions. Hon'ble High Court of Karnataka has given Judgement by disposing all the cases.			
2.	Writ Petition WP No: 51734/2013 (GM-RES) of M/s Microtech Agro India Ltd., Davanagere connected with WP No: 51735/2013 (GM-RES) of M/s Chaitra Fertilizers & Chemicals Pprivate Ltd., Mysore submitted before the Hon'ble High Court of Karnataka, Bengaluru.		
Sub: Extending Financial Assistance for the establishment of Bio-pesticide Laboratory under Macro Management of Agriculture-Work plan.			
Writ Petitions submitted before the Hon'ble High Court of Karnataka, Bengaluru by the petitioners requesting to issue orders to the concerned to release second installment of grants.			
GOI and GOK-Agriculture Department by its Principle Secretary, Commissioner for Agriculture and Director of Agriculture as Respondents.			
Para wise replies have been submitted to the Hon' ble Court on behalf of the respondents 3 and 4. Case was disposed.			
3	W.P.No. 737/2018 of M/s Agrosynth chemicals Limited., Bangalore from the Villagers and the various media and TV channels that the effluents of the petitioner factory has been causing serious environmental pollution resulting in adverse effect on the inhabitants of the Locality		
Case was disposed.			

C. RIGHT TO INFORMATION ACT

Information on Questions received under RTI Act

During 2019-20 a total of 131 applications have been received. Previous year pending application 0(Zero), in all applications to be answered . None of the questions are rejected. A total of Rs. 7170/- has been collected as fees and deposited.

Sl. No.	Questions relating to	No.of application
1.	Previous year pending	0
2.	2019-20 (end of march 2020)	86
3.	Others	45
	Total:	131

D. AGRICULTURE PRODUCTION PROGRAMME 2019-20

Anticipating timely and well distributed rainfall during pre-monsoon, southwest & northeast monsoon period in 2019-20 it was programmed to cover 76.69 lakh hectares, 31.48 lakh hectares and 5.50 lakh hectares during Kharif, Rabi and Summer seasons respectively under agricultural crops. Proposed production target of Cereals, Pulses and Oilseeds was 117.22 lakh tones, 21.45 lakh tones and 14.71 lakh tonnes, respectively. Production target of commercial crops like Cotton, Sugarcane and Tobacco was in the order of 16.58 lakh bales, 400 lakh tonnes and 0.72 lakh tonnes (0.62 lakh tonnes VFC and 0.10 lakh tonnes Beedi Tobacco) respectively.

I. KHARIF

Pre-monsoon Rainfall

Pre-monsoon rainfall (April-May) was 71 mm against normal rainfall 125 mm (-43%) in the State and it enhanced normal coverage of early kharif crops. Area coverage up to May end was 5.54 lakh hectares as against a normal of 3.41 lakh hectares.

Southwest monsoon

Southwest monsoon actual average rain fall was 977 mm as against a normal of 839 mm.(+16%)

During October to December rainfall was 288 mm as against normal of 188 mm(+54%)

Totally in the year 2019 for the end of 31.12.2019 rainfall was 1340 mm as against normal of 1155 mm.(+16%)

During August month excess rainfall of 370 mm as against normal of 206mm received. Due to this excess rainfall Karnataka State Revenue Department declared 103 Taluks as flood affected. At the same time due to low rainfall in some parts of Karnataka 49 Taluks of 18 districts were declared as drought affected taluks. During the month of September as against normal rainfall of 159 mm 219 mm of actual rainfall received. Similarly during the month of October as against normal rainfall of 136 mm 247 mm of actual rainfall was received. Hence excess rainfall during September and October months has caused crop damage and 79 taluks of 18 districts were declared as heavy rainfall /flood affected taluks.

Month-wise normal/actual rainfall during pre-monsoon and southwest monsoon period, its' pattern and distribution over taluks was as follows:

Sl. No.	Month	Classification of Taluks in Different Category					Rainfall (mm)		
		Excess	Normal	Deficit	Scanty	No Rain	Normal	Actual	Pattern
1	April	15	42	92	27	0	35	26	Deficit
2	May	9	37	54	76	0	83	43	Deficit
	Pre –monsoon						125	71	Deficit
3	June	41	59	71	5	0	195	142	Deficit
4	July	20	62	93	1	0	280	247	Deficit
5	Aug.	114	27	29	6	0	206	370	Excess
6	Sept.	63	82	31	0	0	159	219	Excess
	SW Monsoon	70	84	22	0	0	839	977	Excess
	Southwest monsoon (June to September)								

Area coverage

Sowing of kharif crops was completed in an area of 68.84 lakh hectares against a set target of 76.69 lakh hectares by end of September, accounting for 90% coverage. Normal coverage by end of September stands around 67.16 lakh hectares; the corresponding coverage of previous kharif season was 66.43 lakh hectares.

Based on the factors i.e deficit of rainfall, dry spell and moisture deficiency 49 taluks are declared as drought effected during Kharif 2019 season.

During the month of August as against normal rainfall of 206 mm 370 mm of excess rainfall was recorded. As per Revenue Department notification 103 taluks of 22 districts were declared as drought effected. During the month of September as against normal rainfall of 159 mm 219 mm of excess rainfall received. Similarly during the month of October as against normal rainfall of 136 mm 247mm of excess rainfall received. Hence due to excess

rainfall received during September and October months has resulted in declaring 79 taluks of 18 districts affected by excess rainfall/ flood conditions.

II. RABI

Rabi production programme depends upon residual soil moisture and Northeast monsoon rainfall during October – December. The northern districts account for nearly 90% of the total Rabi area in the State. The major crops grown are Rabi Jowar, Bengal gram, Wheat, Sunflower, Safflower, Linseed etc.

During Rabi season as against the target of 31.48 lakh Ha 27.66 lakh Ha were sown accounting to 88% of sown area.

North East Monsoon:

During the month of October as against the normal rainfall of 136 mm 247 mm of excess rainfall was received. During the month of November as against the normal rainfall of 82 mm 41 mm of actual rainfall was received which has resulted in delayed sowing of Rabi crops due to excess moisture condition. During the month of December as against the normal rainfall of 10 mm 12 mm of actual rainfall was received.

During the period of 1st October to 31st December as against the normal rainfall of 188 mm, 288 mm of actual rainfall was received which accounted to 54 % of excess rainfall during the period. During North East monsoon season rainfall was normal in 44 taluks, less than normal in 7 taluks and low in 1 taluk. Excess rainfall was noticed in remaining 124 taluks.

Sl. No	Month	Classification of Taluks in Different Category					Rainfall (mm)		
		Excess	Normal	Deficit	Scanty	No Rain	Normal	Actual	Pattern
1	Oct.	142	29	4	1	0	136	247	Excess
2	Nov.	19	38	70	49	0	41	29	Normal
3	Dec.	49	27	55	45	0	10	12	Normal
	NE Monsoon	124	44	7	1	0	188	288	Excess
Northeast monsoon (October to December)									

Area coverage

Sowing of Rabi crops was completed in an area of 27.66 lakh hectares by end of December against a set target of 31.48 lakh hectares, accounting for 88% coverage. Normal coverage by end of December stands around 30.07 lakh hectares; the corresponding coverage of previous Rabi season was 27.89 lakh hectares

III. SUMMER

Normally sowing of summer crops is taken up under irrigation sources in an area of about 5.50 lakh hectares in the State. Sowing of summer crops commences in December (except Groundnut as Rabi/Summer during 2nd fortnight of October in some parts of NIK) and concludes by mid of March. Summer crop production mainly depends on irrigation water availability in major/minor irrigation reservoirs and tanks as well as adequate power supply. As against the target of 5.50 lakh hectares 5.05 lakh hectares was covered and previous year was 2.81 lakh hectares.

Production Prospects:

As 66% of the cultivated area in the State is under rainfed cultivation has made a severe impact on the agricultural production. As per 3rd advance estimates of Directorate of Economics & Statistics, production of cereals, pulses and oilseeds is estimated to be in the order of 105.36, 19.58 and 10.15 lakh tonnes, against the respective target of 117.22, 21.45 and 14.71 lakh tonnes Estimates of Crop-wise Targetted and likely achievement of area / production are furnished in Annexure- I.

ANNEXURE – I

CROP-WISE AREA & PRODUCTION TARGETS AND LIKELY ACHIEVEMENTS DURING 2018-19

Sl. No.	Crops	Area (Lakh ha.)		Prodn.(Lakh tonnes)	
		Target	Estimated Achvt.	Target	Estimated Achvt. *
I	CEREALS:				
1	Rice	13.06	11.70	40.34	36.14
2	Jowar	11.33	8.00	14.01	8.91
3	Ragi	7.45	6.27	12.61	11.21
4	Maize	13.82	13.14	45.37	43.97
5	Bajra	2.22	2.41	2.66	2.77
6	Wheat	2.04	1.66	2.35	2.08
7	Minor Millets	0.44	0.44	0.22	0.28
	TOTAL CEREALS:	50.35	43.62	117.22	105.36
II					
1	Tur	11.89	12.35	9.81	8.65
2	Bengal gram	12.49	10.45	8.74	8.10
3	Horse gram	1.91	1.52	0.96	0.94
4	Black gram	1.05	0.64	0.45	0.27

Sl. No.	Crops	Area (Lakh ha.)		Prodn.(Lakh tonnes)	
		Target	Estimated Achvt.	Target	Estimated Achvt. *
5	Green gram	4.15	2.93	1.44	0.88
6	Cowpea & other pulses	1.05	0.50	0.44	0.51
7	Avare	0.79	0.64	0.68	0.24
	TOTAL PULSES:	33.33	29.04	21.45	19.58
	TOTAL FOODGRAINS:	83.69	72.66	138.67	124.95
III	OILSEEDS:				
1	Groundnut	8.45	5.51	7.77	5.63
2	Sesamum	0.50	0.22	0.32	0.17
3	Sunflower	3.32	1.45	2.06	0.99
4	Castor	0.16	0.05	0.13	0.04
5	Niger	0.15	0.04	0.04	0.01
6	Rape & Mustard	0.03	0.01	0.01	0.002
7	Soyabean	3.24	2.85	4.04	3.14
8	Safflower	0.48	0.21	0.36	0.16
9	Linseed	0.06	0.02	0.02	0.007
	TOTAL OILSEEDS:	16.38	10.36	14.71	10.15
IV	COMMERCIAL CROPS:				
1	Cotton (Prod. Lakh bales)	6.67	6.37	16.58	15.58
2	Sugarcane	6.06	6.85	400.00	396.00
3	Tobacco	0.88	0.86	0.72	0.81
	GRAND TOTAL	113.67	97.10		

Source: * 3rd Advance Estimates of Directorate of Economics & Statistics, Bengaluru.

WATERSHED DEVELOPMENT DEPARTMENT

Annual Report 2019-20

OUR VISION

1. To achieve sustainable development of land resources in the rainfed / degraded areas of rural Karnataka and to enhance their productivity.
2. To achieve the goal of sustainable development through participatory approach of stakeholders in watershed development programme and enhance livelihood opportunities of the people living in the rainfed / degraded areas.

OUR MISSION

Our mission is to develop, promote and implement a decentralized, cost effective / productive, transparent and sustainable Watershed treatment package through participatory approach.

1. To meet rural livelihood needs
2. To enhance employment and income opportunities for the poor,
3. To improve the productive potential of natural resource base,
4. To reduce the poverty and degradation of natural resources like soil, water, plant and livestock resource degradation.

INTRODUCTION

India is one of the major agrarian countries with more than 65% of the population depending on it. Indian agriculture is dependent on monsoon which is not uniform over the years. Nearly three fourth of the cultivable land in India is dependent on monsoon.

The productivity of any crop mainly depends on two natural resources- land and water in addition to management practices. Therefore the conservation, upgradation and utilization of these two natural resources on scientific principles is essential for the sustainability of rainfed agriculture. The watershed concept for development of rainfed agriculture is gaining importance over the years and it amply demonstrated that watershed developmental tools are very effective in meeting the objectives and mission.

Karnataka has been given an important place for Watershed Development because 75% of the cropped area in Karnataka depends upon low and uncertain rainfall. The geographical area of the State is 190.51 lakh ha. of which 129.70 lakh ha. is available for watershed development. Up to the end of 2019-20 an area of 70.84 lakh ha is already treated, and 58.86 lakh ha. (Out of which 6.55 lakh ha. is under treatment) is yet to be treated.

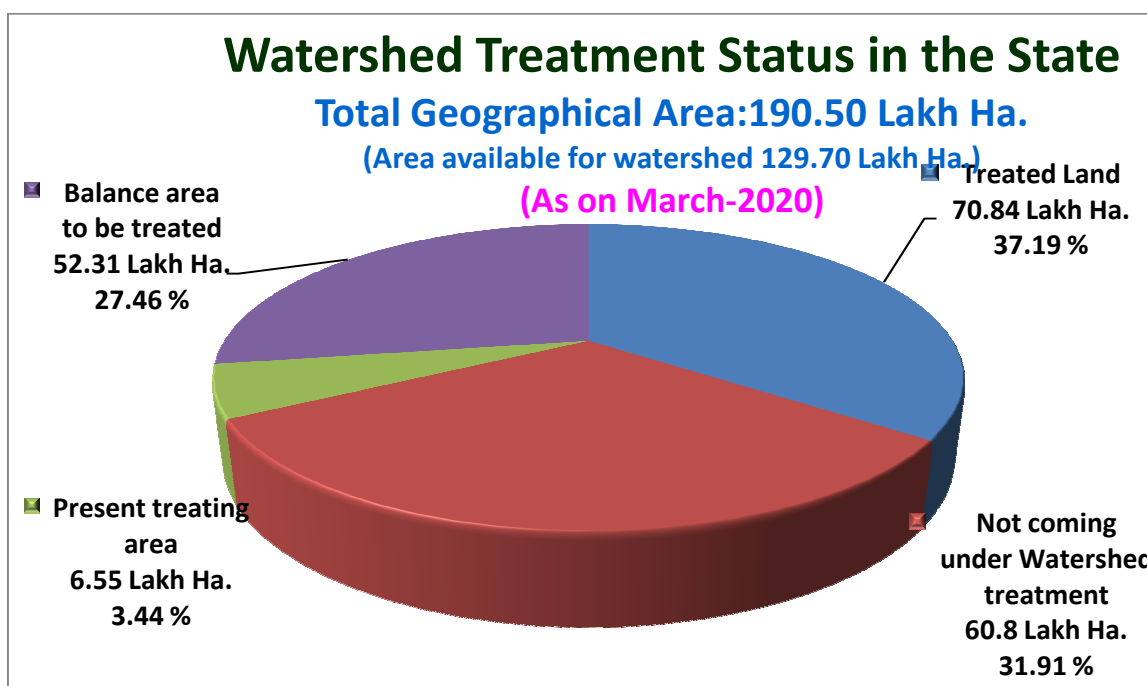
Importance of watershed development in Karnataka:

The land resources of Karnataka, especially dry drought prone lands, which comprises more than 79 % of the total arable area, have been poorly managed by the resource poor farmers of the State. Soil loss due to erosion coupled with reduced water resources has led to a situation of rapid soil fertility deterioration, declining/stagnating crop yields, depletion of underground water sources, deforestation, denudation, destruction of natural pasture and diminishing biomass production. Exploring the full potential of rainfed agriculture to meet the food , fodder and fuel requirement of the State population, is the only alternative, however, this will require investing in suitable soil and water conservation technologies, crop prone under rainfed environments, agricultural extension services and access to markets, credit and input supplies in rainfed areas.

Karnataka has the highest proportion (79%) of drought prone area among all major States in the country and in absolute terms it has the second largest area of dry land in the country after Rajasthan.

Scenario of watershed development in Karnataka

- Total geographical area : 190.50 lakh ha
- Total area available for treatment : 129.70 lakh ha
- Total area already treated : 70.84 lakh ha
- Balance area to be treated : 58.86 lakh ha
(Including the area under treatment)
- Area not available for treatment : 60.80 lakh ha



AIMS AND OBJECTIVES OF THE WATERSHED DEVELOPMENT PROGRAMMES

1. Reducing soil erosion, runoff and nutrient loss.
2. Improve water availability at surface and ground.
3. Improving agricultural productivity.
4. Improving vegetative cover.
5. Increasing milk and horticulture production.
6. Increasing fodder and fuel availability.
7. Increasing household income.
8. Enhancing quality of life among local communities.
9. Local institutional development through community based organizations.
10. Ensuring institutional support by Watershed Development Department as facilitator and by NGOs for community organization and strengthening.

CHAPTER-I

History of Watershed Development:

1. Watershed Development Department(WDD): (2000 onwards)

Soil and water conservation, a pre-requisite for the farming sector to flourish, started with a massive field bunding programme, which has undergone a horizontal and vertical transformation up to year 2000 and Karnataka State Dept of Agriculture (KSDA) was the nodal agency. The Watershed Development Department was started during the year 2000 to make the watershed development a more professional and to implement the watershed programmes on more co-ordinated and in an integrated manner. The concept of peoples participation was refined, redefined and strengthened by way of restructuring the guidelines for implementation of NWDPR (Jana sahabhagithva 2002) and Area Development Programmes like DPAP / DDP / IWDP (Hariyali 2003) by GoI. Even though initially all the watershed development projects implemented by KSDA were transferred to WDD, the projects of ADP were also transferred to WDD, later in the year 2005.

Creation of Watershed Development Department in Karnataka:

In the background of growing population in the State with a consequent increasing demand for food grains, was strongly felt for bringing large tracts of rainfed / dry land area under watershed treatment to increase productivity. Different Departments like the Agriculture, which was implementing different soil and water conservation programmes and watershed projects, the RD&PR implementing various rural development programmes having, watershed concept as a component through Panchayath Raj Institutions, the Horticulture, Forest, and Animal Husbandry Departments were also carrying out various

watershed programmes. In addition, there is also a component of non-land based activities in watershed development and participation of NGOs and village committees. Therefore the GoK considered various aspects including commitment given in the context of an externally aided project and decided that better co-ordination in planning, implementation and supervision would be achieved by setting up a separate department of watershed with multi-disciplinary teams. With this prime aim, to develop watershed in an integrated and coordinated manner, the Government of Karnataka created Watershed Development Department vide order **AHD: 206:AML.94 (Vol-III) dated 31.12.1999** and it came into effect from **01.04.2000**. This Department is given the responsibility of coordinating the formulation, planning and execution of different activities of agriculture, soil conservation, afforestation, horticulture, livestock, pasture development and income generation activities etc., in an integrated manner on the watershed concept.

CHAPTER-II

I. PRADHAN MANTRI KRISHI SINCHAYI YOJANA-WATERSHED DEVELOPMENT

a)	Name of the Scheme and year of introduction	Pradhan Mantri Krishi Sinchayi Yojana-Watershed Development & Other Interventions programme started in the year-2009-10
b)	Budget head	2402-00-102-0-30 (Plan)
c)	If plan, the Central and State share is	In the ratio of 60:40 central and state share (Rs. 12000.00 unit cost/ha in plain areas, Rs. 15000.00 unit cost/ha in desert / hilly areas)
d)	Objective of the Programme	<ul style="list-style-type: none"> ▪ To conserve soil, moisture and nutrients & enhance recharge of underground water ▪ To improve vegetation by afforestation and dry land horticulture ▪ To increase availability of fodder and fuel ▪ To enhance Agricultural Productivity ▪ To form and strengthening of community based organizations and to encourage livestock production. ▪ providing livelihood activities for the assets less persons ▪ Production systems and micro enterprises i.e., income generating activities ▪ Effective management of runoff water and improved soil & moisture conservation activities such as ridge area treatment, drainage line treatment ▪ Rain water harvesting, In-situ moisture conservation and other allied activities on watershed basis. Converging with

		MGNREGS for creation of water source to full potential in identified backward rainfed blocks including renovation of traditional water bodies.
e)	Estimated benefit and number of estimated beneficiaries from the programme (measurable out put at the end of year)	During 2019-20, up to March-2020 totally 92451 ha. area has been treated with various soil and moisture conservation activities and 4294 water harvesting structures have been constructed. 19735 hectare area of afforestation and dry land horticulture activities were taken up. An area of 9661 ha. is brought under additional irrigation as a protective irrigation facility during the dry spells of the season.
f)	Financial (Rs. In lakhs)	Rs. 16600.00lakhs.

Expenditure (Rs. In lakhs)

2017-18		2018-19 Revised Budget		2019-20	
Release	Expenditure	Release	Expenditure	Release	Expenditure (up to end of March, 2020)
71886.00	40667.67	58369.00	46006.00	16600.00	25508.94

Physical Achievements: (Units – in Hectares)

2017-18		2018-19		2019-20	
Target	Achievement	Target	Achievement	Target	Achievement
2,00,259	1,36,258 ha. / 10717 water harvesting structures	1,50,516 6064 water harvesting structures	234400 ha. / 9148 water harvesting structures	82918 ha. / 2837 water harvesting structures	92451 ha. / 4294water harvesting structures

Pradhan Mantri Krishi Sinchayi Yojana (Erstwhile IWMP) programme was started during the year 2009-10 in 29 districts and 165 taluks of state. There are about 569 projects are being implementing the state. DoLR, GOI stopped the central assistance for the 132 projects of Batch-V and Batch-VI from 31.8.2019 in the Karnataka State.

During 2019-20 116 Batch-III projects and 67 Batch-IV projects pending activities were implemented. These projects have to be completed during 2019-20, but as per the instruction of Government of India these projects are extended till August-2020. For effective implementation of these projects, staffs/officers at field level have to be appointed immediately to reach the project benefits effectively to the beneficiaries.

The projects sanctioned under Batch-I and Batch-II are completed in March-2017 and March-2018 respectively. All 246 final completion and evaluation report is submitted to DoLR GOI. 116 Batch-III and 67 Batch-IV projects are under progress.

M/s Remote Sensing Instruments, Hyderabad has been selected for all four revenue divisions for Batch-III and Batch-IV projects to undertake Monitoring, Evaluation, Learning and Documentation programme.

II. Watershed Development for Drought Proofing

a)	Name of the Scheme and year of introduction	Watershed Development for Drought Proofing Year of introduction: 5th November 2019
b)	Budget head	4402-00-102-0-05 (Plan)
c)	If plan, the Central and State share is	It is State Sector Programme
d)	Objective of the Programme	<ul style="list-style-type: none"> ▪ To manage the natural resources based on watershed principle and/or by using the Scientific Land Resource Information to improve the rainfed area land productivity and its production capabilities. ▪ To improve the soil and water conservation and ground water recharging ▪ To harvest rain water for moisture availability and protective irrigation. ▪ To convert uncultivable waste land to cultivable land. ▪ To improve the living status of the people of watershed area and also provide livelihood activities to assetless farmers in the project area through various quality skill based training programme there by providing employment opportunity at their door step. ▪ To improve the soil health through improvement in soil carbon status. ▪ To enhance the green cover in the watershed area. ▪ To improve the availability of fodder, fuel and increase in the milk production. ▪ To strengthen the community based organizations in order to manage the natural resources.
e)	Estimated benefit and number of estimated beneficiaries from the programme (measurable out put at the end of year)	Under this programme so far 300 water harvesting structures, 288 Downers cow lifting device, 4 post harvest infrastructures and 99,930 kitchen garden seedlings Totally 18,400 farmers in the project area benefitted out of the programme.
f)	Financial (Rs. In lakhs)	Rs.2500.00lakhs.

Expenditure (Rs.In lakhs)

2017-18		2018-19		2019-20	
Release (includes OB)	Expenditure	Release (includes OB)	Expenditure	Release (includes OB)	Expenditure
1	2	3	4	5	6
-	-	-	-	2500.00	2368.79

Physical Achievements: (Units – in Hectares)

2017-18		2018-19		2019-20	
Target	Achievement	Target	Achievement	Target	Achievement
1	2	3	4	5	6
-	-	-	-	300 Water Harvesting structure, 288 Downers cow lifting devices	300 Water Harvesting structure, 288 Downers cow lifting devices

From 2019-20 Watershed Development for Drought Proofing (WDDP) is implemented in the 29 districts of the State in 100 drought hit and low ground water level taluks in covering an area of 3000 to 5000 hectares by using Land Resource Inventory (LRI) in saturation approach, in convergence with Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) and Pradhan Mantri Krishi Sinchai Yojana (PMKSY). The programme will be implemented through watershed committees headed by president GP.

III.Karnataka Watershed Development Project – KWDP II (Sujala-III)

Watershed Development Department has implemented Karnataka Watershed Development Project-II (Sujala-III) with the World Bank assistance from 2013-14 in the selected 2534 micro watersheds located in 12 project districts viz., Bidar, Kalaburagi, Yadgir, Raichur, Koppal, Vijayapura, Gadag, Davangere, Tumkur, Ballary and Chamarajanagara till December 2019. The revised project cost is Rs.412.59 crores, in which Rs.102.74 crores has been allocated to Horticulture component is implemented by the Department of Horticulture. Project ended in December-2019.



The KWDP-II (Sujala-III) project components include Improved Program Integration in Rainfed Areas, Research Development and Innovation, Institutional Strengthening, Strengthening Horticulture and Project Co-ordination & Management.

The project activities aim at providing scientific planning tools through generation of data of Land Resource Inventory (LRI), Hydrological Studies, Baseline studies, weather data etc., to enable

institutions to develop more accurate participatory micro-watershed plans for effective implementation of watershed development projects. It is also aimed for establishment of Digital Library, Decision Support System (DSS) and Land Resource Inventory Portal, by utilizing these data for Agriculture development, benefit of farmers and exchange of information and knowledge for better planning, implementation and integration of the schemes of various land related departments.

Details of the scheme are as follows;

a)	Name of the Scheme and year of introduction	Karnataka Watershed Development Project – KWDP-II (Sujala-III) Started in the year : 2013-2014
b)	Budget head	2402-00-102-0-28 plan (EAP)
c)	If plan, the Central and State share is	Externally aided project 70% - World Bank loan 30% - State fund
d)	Objective of the Programme	The Project Development Objectives (PDO) is to demonstrate more effective watershed management through greater integration of programmes related to rainfed agriculture, innovative and science based approaches, and strengthened institutions and capacities of stakeholders at different levels.
e)	Estimated benefit and number of estimated beneficiaries from the programme (measurable output at the end of year)	LRI carried out in an area of 14.07 lakh hectare covering 12 districts of Karnataka and treated 46709.16 hectare of area on saturation basis, wherein 25148 hectare of bunding, 1530 farm ponds, 355 check dams, 153 Gokatte, 52 Nalabunds were constructed. 17093.95 hectares of horticulture and 19208.02 hectares of forest activities were completed. 4182 number of families were distributed with small ruminants and 2194 number of SHG members were trained in different entrepreneurship skills, 3263 village level trainings on LRI were conducted to the farmers wherein 441829 LRI cards were distributed and digital portal, digital library and DSS established.
f)	Finance allocation for the year 2019-20	Rs.3926.00 lakhs (Revised)

Project partner institutions and roles: The project activities are being implemented by signing the MoU / contracts with the 15 project partner institutions.

The NBSS&LUP has been assigned the role of lead project partner for LRI activity and IISc, Bangalore is the lead partner for hydrological activities, to coordinate among the State Agricultural and Horticultural Universities. KRSAC, Bangalore assigned with the task of supplying satellite imageries to the partners and the KSNDMC provided the climate and weather data of the project area.

KVAFSU has conducted various interventions related to animal husbandry and veterinary aspects along with demonstrations of new technologies developed. IIS&WC Bellary institute has conducted the technical monitoring and evaluation of the project and M/s. TERI carried out third party Monitoring and Evaluation at field level in saturation projects. ICAR-ATARI taken up trainings in the selected Villages in the project area, for dissemination of project outputs and the NACER has organized income generating activities (IGA) trainings for members of the SHGs in the project area and further settlement.

Land Resource Inventory: Land Resource Inventory was carried out by the NBSS&LUP and State Agricultural and Horticultural Universities. Soil profile studies, analysis of soil samples and soil fertility are the major component of the LRI studies. Baseline studies are completed and reports generated.

The details of micro-watershed wise LRI progress up to December 2019 is furnished below.

Sl. No.	Particulars		NBSS LUP	UAS B	UAS D	UAS R	UHS B	UAHS S	Total	%
	Micro-watersheds Target (Nos)		604	423	633	430	229	215	2534	
1	LRI work completed Nos)	Ach.	604	423	633	430	229	215	2534	100
2	English Atlases generated (Nos)	Ach.	604	423	633	430	229	215	2534	100
3	Kannada Atlases generated (Nos)	Ach.	604	423	633	430	229	215	2534	100
4	MC Reports generated	Ach.	604	423	633	430	229	215	2534	100

Progress of Hydrological activities: Hydrological studies were taken up by the State Agricultural and Horticultural Universities in the selected 14 model micro-watersheds under the guidance of IISc. The data collected at specific intervals on ground water fluctuation, analysis of soil moisture, monitoring of wells for well yield, analysis of water samples etc. and maps generated for the model micro-watersheds. In remaining watersheds Hydrological studies are conducted and 425 sub-watershed wise atlases are generated.

Saturation of watersheds: Saturation of watersheds by utilizing scientific inputs generated in the project was taken up on pilot mode in all 11 project districts in the selected watersheds.

DL, DSS & LRI Portal: LRI (Land Resource Inventory) portal, Digital Library and the Decision Support System (DSS) has been developed and LRI data and atlases are being uploaded.

Installation of LED Display units installed in the premises of RSK, ADA and JDA offices in the project area for disseminating the day to day meteorological information to the farming community with the assistance of KSNDMC.

Dissemination of LRI outputs:

For dissemination of LRI outputs and utilization of Digital Library, Decision Support System (DSS) and Land Resource Inventory Portal for farming community, various line departments and related private agencies LRI stakeholder workshop conducted at state, district & taluka levels.

Village level trainings are being conducted in the project districts by the concerned officials of the RSKs, to create awareness among about LRI outputs to the farmers in all the project area, where LRI is carried out. In this regard, LRI Extension Managers are hired for each RSK in the project area for facilitating in LRI dissemination.

Till December-2019, ICAR ATARI institute conducted village level trainings in 333 villages from respective Krishi Vignana Kendras and LRI cards were distributed. From ICAR ATARI institute 3263 Village level training are conducted through RSKs and 441829 LRI cards are distributed to farmers.

LRI cards: LRI partner institutions are generating the LRI cards for each parcel of land, where LRI taken up and providing to the respective district offices for printing and distribution to the concerned farmers after conducting the village level trainings.

IGA Trainings: ACER is organizing trainings on income generating activities (IGA) like tailoring, dairy etc., for about 50% members of the SHGs in the project area and also further settlement by linking with NRLM scheme, to take up the IGA activities.

Other project activities: Other activities taken up under the project include, Research and Development, institutional strengthening, capacity building for the stakeholders and beneficiaries, productivity enhancement of agricultural and horticultural crops, formation of FPOs, veterinary animal and fisheries activities, Monitoring & Evaluation, Documentation etc.

Financial progress:

Budget for the WDD and Department of Horticulture have been allocated and released under separate head of accounts. The total release and expenditure details of the project for last three years for both WDD and DoH are given below.

(Rs. In lakhs)

	2017-18			2018-19			2019-20		
	Grant Released	Exp. (62-B)	IUFR Exp. (100%)	Grant Released	Exp. (62-B)	IUFR Exp. (100%)	Grant Released	Exp. (62-B)	IUFR Exp. (100%)
Total	7200.00	1999	7259.95	12980.00	12841.50	11685.98	5233.00	5161.69	*9400.12

* IUFR for Rs.420.11 Lakhs is under submission

IV. Watershed Development Training Centers.

In the State two Watershed Development Training Centers are established at Mysore and Vijayapura. The important objectives of the Centre is to train the Departmental staff, personnel of NGO's and members of EC and SHG /UG/ JLG in technical, social and financial aspects of Watershed Development.

a)	Name of the Scheme and year of introduction	Karnataka Watershed Development Training Center.
b)	Budget head	2402-00-109-0-02
c)	If plan, the Central and State share is	100% State plan
d)	Objective of the Programme	<ul style="list-style-type: none"> Imparting training to Officers and staff of the Department from time to time Training to staff of NGOs. Training to members of Community Based Organizations (CBOs) Exposure visits
e)	Benefits intended to be accrued and number of beneficiaries from the programme (measurable output at the end of year)	Capacity building of the Department staff, NGO staff and CBO staff/members.
f)	Financing (Rs. In Lakhs)	Rs.141.28 Lakhs

Expenditure (Rs.In lakhs)

2017-18		2018-19		2019-20	
Release	Expenditure	Release	Expenditure	Release	Expenditure
99.00	83.44	109.00	119.41	141.28	133.22

The trainings were conducted as per schedule. No constraints. Exams were conducted to trainees after closure of trainings.

Mahatma Gandhi National Rural Employment Guarantee Programme (Convergence):

During the year 2019-20 under Mahatma Gandhi National Rural Employment Guarantee Programme (Convergence) Rs. 18333.15 Lakhs Financial Progress has been achieved by generating 60.63 Lakhs man days.

Annexure-1
Statement showing physical and financial target and achievement under different schemes for the year 2019-20
(Rs. in lakhs, Area in Hectares, Structure & Micro Watershed in Numbers)

Sl.No	Name of the Scheme	Unit	Annual Budget	Revised Budget			Releases including OB	Cumulative achievement up to March-2020	Physical		% of achievement for release (col 7)	% of achievement for releases including OB (col 8)	Remarks
				State Share	Central Share	Total			Annual Target	Achievement			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Watershed Devt. Dept. Est. 2402-00-102-0-15		1616.00	1689.16	0.00	1689.16	1689.16	1644.65	-	-	97.36	97.36	
2	Watershed Training Centre 2402-00-109-0-02		137.00	141.28	0.00	141.28	141.28	133.22	-	-	94.30	94.30	
3	Assistant to ZillaParishads/District level Panchayats (2402-00-196-02-01)		3395.00	3781.05	0.00	3781.05	3781.05	3781.05	-	-	100.00	100.00	
4	Assistance to Block Panchayats/ Intermediate level Panchayats (2402-00-197-01-01)		85.00	85.00	0.00	78.32	78.32	78.32	-	-	100.00	100.00	
5	Pradhana manthri krishi sinchayivojane 2402-00-102-0-30 *	Hectares	16600.00	6640.00	9960.00	16600.00	28395.02	25508.94	82918	92451	153.67	89.84	
		Structures							2837	4294			
6	Sujala Watershed Project (Sujala-III) 2402-00-102-0-28	Hectares	5000.00	3926.00		3926.00	7997.55	7290.41	1650	6050/1333	185.71	91.16	
		Micro watershed							400	300	94.75	94.75	
7	Watershed Development for Drought Proofing 4402-00-102-0-05	Structure	10000.00	2500.00		2500.00	2500.00	2368.79	400	300	94.75	94.75	
8	NMSA-RAD 2401-00-108-1-15	Hectares	1666.66	666.66	1000.00	1666.66	1000.00	1062.41	5250	3019	63.74	106.24	

Sl.No	Name of the Scheme	Unit	Annual Budget	Revised Budget			Releases including OB	Cumulative achievement upto March-2018	Physical Annual Target	Achievement	% of achievement for release (col 7)	% of achievement for releases including OB (col 8)	Remarks
				State Share	Central Share	Total							
1	2	3	4	5	6	7	8	9	10	11	12	13	14
9	RKYY-Saline & Alkaline 2401-00-800-01-57	Hectares	500.00	200.00	300.00	500.00	250.00	243.07	412	417	48.61	97.23	
10	RKYY - (2401-00-800-1-57) a) Check Dam	Structures	2000.00	800.00	1200.00	2000.00	2180	2122.70	400	421	106.14	97.37	
	b) Private Public Partnership for integrated Agriculture Development (PPPIAD)	No.s	800.00	320.00	480.00	800.00	781.82	754.55	9	8	94.32	96.51	
	c) Farmers Producers Organization-FPO	No.s	200.00	80.00	120.00	200.00	202.00	174.39	130	130	87.20	86.33	
Total			41999.66	20829.15	13060.00	33882.30	48996.20	45162.50	90230	70200			
									3237	2561			

CHAPTER-3

Organization Structure:

The Watershed Development Department is established with effect from 1.4.2000.

1. State level: This department is headed by the Commissioner, an I.A.S. or IFS Officer of super time scale, assisted by Director of Watershed, in addition Chief Conservator of Forest, three Joint Directors of Agriculture, one Joint Director of Horticulture and one Joint Director of Animal Husbandry and one Deputy Director of Planning are assisting the Commissioner in the matters of Forestry, Horticulture, Agriculture and Animal Husbandry activities. Similarly for accounts, Chief Account Officer of the rank of Joint Controller of State Accounts.

2. District level: At the District Level, Joint Director of Agriculture is implementing the programmes of the watershed activities assisted by multidisciplinary team from Agriculture, Forest, Horticulture & Animal Husbandry sector for who works under overall supervision/control of Zilla Panchayath.

3. Taluka level: The Taluka Level Office is headed by the Assistant Director of Agriculture, who heads PIA (Project Implementing Agency) is responsible for implementation and monitoring of various schemes/ programme for the overall development of watershed.

Details of the Officers and Staffs Working Watershed Development Department.

Sl No	Cadre	Sanctioned Post	Filled Post	Vacant	Filled Post		Filled Post	
					Gents	Ladies	SC	ST
1	'A'	19	13	06	06	07	01	01
2.	'B'	17	10	07	03	07	02	0
3.	'C'	50	30	20	21	09	06	0
4.	'D'	15	05	10	04	01	01	0
	Total	101	58	43	34	24	10	01

Glimpse of Watershed works/activities





KARNATAKA STATE SEEDS CORPORATION

ANNUAL REPORT FOR THE YEAR 2019-20 AND ANNUAL PLAN 2020-21 OF

AIM OF KSSC:

The aim of the Corporation is to emerge as an industry leader in the State in seed line of activity with a continuous pursuance of excellence in quality and effective distribution services, with an eye on right product, right time, right price and right place of supply.

VISION OF KSSC:

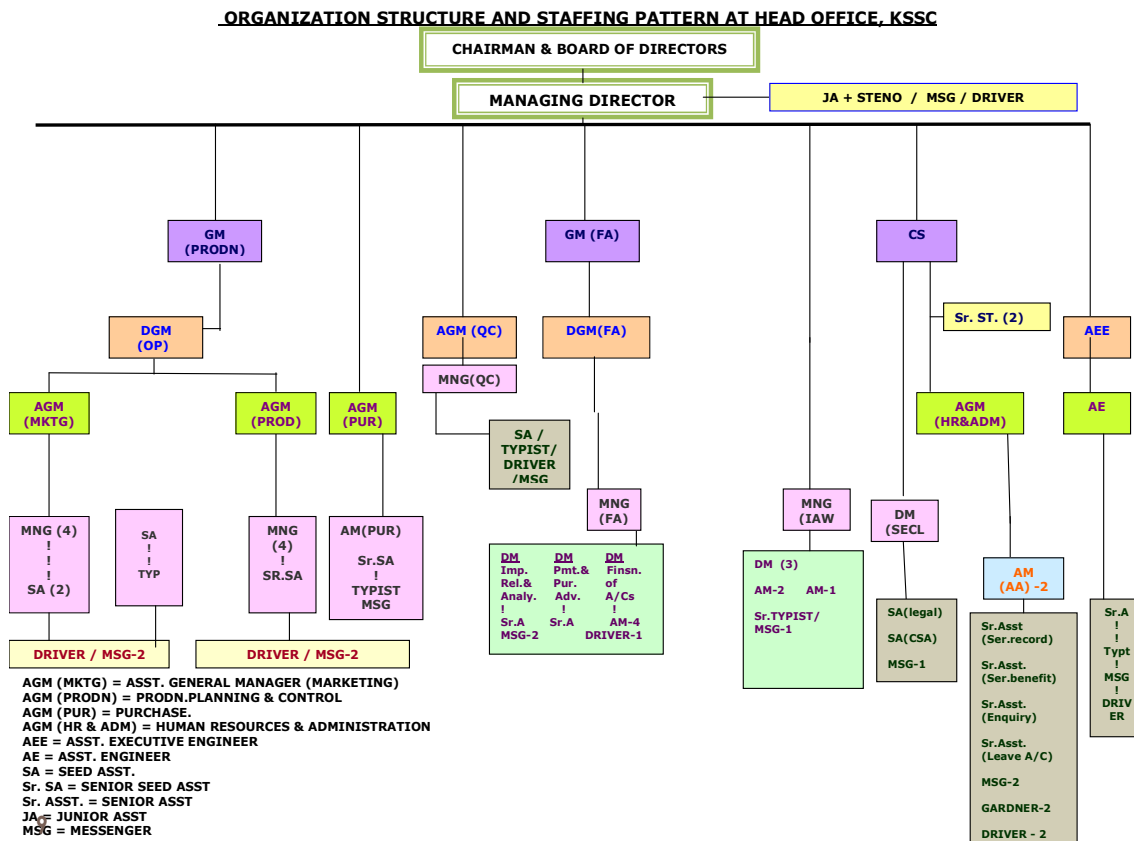
The vision of the Corporation is to be a leading agency for accelerating agriculture productivity and production and for improving the viability of agriculture as a vocation.

SEEDS CORPORATION ORGANISATION CHART :

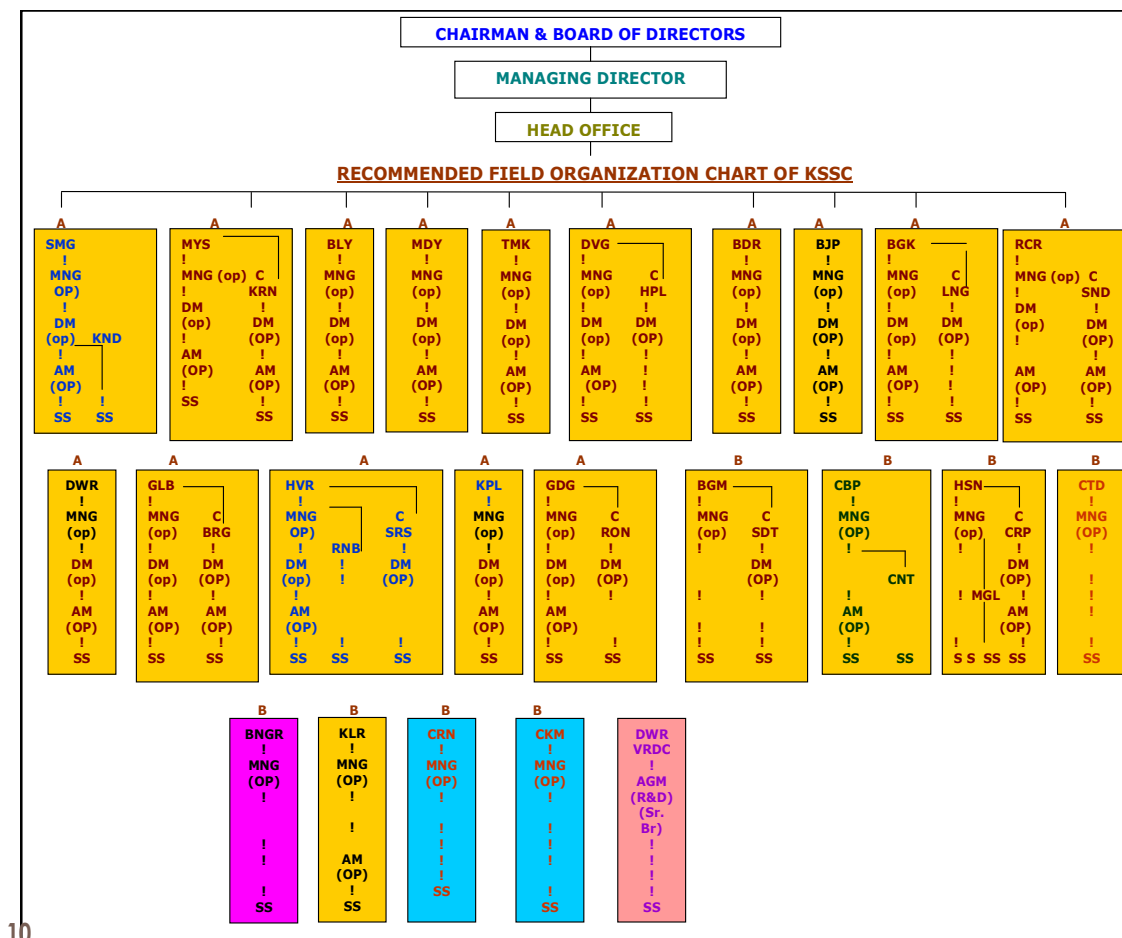
HEAD OFFICE CHART

The following Head office Organisation chart & District level chart as below.

ORGANISATION CHART



DISTRICT LEVEL



STATISTICS OF KSSC:

The statistics showing the details of quantity of seeds procured, quantity of seeds sold, turnover and profitability of the Corporation for the years 2001-2002 to 2019-20 and the plan for 2020-21 are shown in **ANNEXURE-1** enclosed.

OUTSTANDING ACHIEVEMENTS OF KSSC:

Under Rashtriya Krishi Vikas Yojana-RKVY, Corporation has nearly doubled seed processing capacity leading to Rs. 5.50 lakhs qtls capacity and also constructed Scientific seed storage godowns and increased the storage capacities from 1.03 lakh qtls to around 4.80 lakh quintals.

HISTORY OF KSSC:

The Corporation was established in the year 1973 under the Name & Style of “Karnataka State Agro Seeds Corporation Limited” a subsidiary organization of Karnataka Agro Industries Corporation Limited. The Government of Karnataka has participated in the National Seed Project-II during 1979. Under the National Seed Project the subsidiary organization was made an independent Corporation under the present name and style of

“Karnataka State Seeds Corporation Limited”. Today the Corporation is one of the successfully run Organizations of the Government of Karnataka.

BUDGET AMOUNT UTILISED FOR LAST THREE YEARS

During 2019-20 Government of Karnataka released in Budget released Rs.5.00 Crores for development of Seeds Corporation out of that amount corporation utilized for Processing of Seeds & KSSOCA Service charges, Up gradation of Seed Processing Plants & Storage godowns accept purchasing of vehicles, in this regard already corporation sent a proposal to Government for approval for purchasing of vehicles.

PROGRAMME & PROGRESS ACHIEVED DURING 2017-18.

Foundation Seed Production Programme:

During the current year, the Corporation has targeted the foundation seed production programme in an area of 4033 acres and the progress achieved as at the end of March-2018 is 2704 acres. The target for procurement of foundation seeds for the year was 20195.00 Quintals. As at the end of March-2018, the Corporation has procured 7437.00 quintals.

CERTIFIED SEED PRODUCTION PROGRAMME:

In respect of certified seed production, the targeted programme for the year 2017-18, was to organize the programme in an area of 67119 acres. As at the end of March-2018 the progress achieved is 63126 acres.

The Corporation had a procurement target of 398200.00 quintals of certified seeds for the current year and the progress to be achieved as at the end of March-2018 is 294928 quintals.

SEED DISTRIBUTION PROGRAMME:

The targeted seed distribution programme for the year 2017-18 was 379795.00 quintals to achieve a turnover of Rs. 20719.10 lakhs. As at the end of March-2018, the progress achieved is 336804.00 quintals against the target of 379795.00 quintals, thereby achieved 88.68% Progress. The turnover achieved is Rs. 20719.10 lakhs against Rs. 16654.24 lakhs which works out to 80.38%

PROGRAMME & PROGRESS ACHIEVED DURING 2018-19.

Foundation Seed Production Programme:

During the current year, the Corporation has targeted the foundation seed production programme in an area of 2890 acres and the progress achieved as at the end of March-2019 is 2272 acres. The target for procurement of foundation seeds for the year was 19,009 Quintals. As at the end of March-2019, the Corporation has procured 7185 quintals.

CERTIFIED SEED PRODUCTION PROGRAMME:

In respect of certified seed production, the targeted programme for the year 2018-19, was to organize the programme in an area of 89571 acres. As at the end of March-2019 the progress achieved is 57539 acres.

The Corporation had a procurement target of 410850 quintals of certified seeds for the current year and the progress to be achieved as at the end of March-2019 is 301500 quintals.

SEED DISTRIBUTION PROGRAMME:

The targeted seed distribution programme for the year 2018-19 was 462025.00 quintals to achieve a turnover of Rs. 26610.00 lakhs. As at the end of March-2019, the progress achieved is 314627.00 quintals against the target of 462025.00 quintals, thereby achieved 68.09% Progress. The turnover achieved is Rs. 26610.00 lakhs against Rs. 15271.82 lakhs which works out to 57.39%.

PROGRAMME & PROGRESS ACHIEVED DURING 2019-20.

Foundation Seed Production Programme:

During the current year, the Corporation has targeted the foundation seed production programme in an area of 3497 acres and the progress achieved as at the end of March-2020 is 2867 acres. The target for procurement of foundation seeds for the year was 19,677 Quintals. As at the end of March-2020, the Corporation has procured 812 quintals.

CERTIFIED SEED PRODUCTION PROGRAMME:

In respect of certified seed production, the targeted programme for the year 2019-20, was to organize the programme in an area of 70,449 acres. As at the end of March-2020 the progress achieved is 60,339 acres.

The Corporation had a procurement target of 3,32,060 quintals of certified seeds for the current year and the progress to be achieved as at the end of March-2020 is 3,14,855 quintals.

SEED DISTRIBUTION PROGRAMME:

The targeted seed distribution programme for the year 2019-20 was 4,20,495 quintals to achieve a turnover of Rs. 21,692.00 lakhs. As at the end of March-2020, the progress achieved is 3,01,728 quintals against the target of 4,20,495 quintals, thereby achieved 71.75% Progress. The turnover achieved is Rs. 16,042.00 lakhs against Rs. 21,692.00 lakhs which works out to 73.95%.

ANNUAL PLAN FOR THE YEAR -2020-21

SEED PRODUCTION

Foundation Seed Production :

Corporation has targeted to produce 20,000 quintals of foundation seeds during 2020-21 in an area of 3600 acres.

Certified Seed Production :

Corporation has targeted to produce 4,42,600 quintals of Certified seeds during 2020-21 in an area of 74,786 acres.

Seed Distribution :

Corporation has targeted to distribute 4,39,935 quintals of seeds during 2020-21 to achieve a turnover of Rs. 23460.00 lakhs.

ANNEXURE-1**SEEDS SALE, TURNOVER & PROFIT FOR THE YEAR FROM****2001-2002 TO 2019-2020 & Budgeted Plan for 2020-21**

Qty in Qtls and Amount Rs. In Lakhs.

YEAR	SALES QTY	SALES TURN-OVER	PROFIT (PBT)
2001 – 2002	1,41,734	2,972.31	32.89
2002 – 2003	1,96,651	3,125.64	- 108.01
2003 – 2004	1,80,676	3,729.35	139.05
2004 – 2005	2,15,400	4,111.28	57.03
2005 – 2006	2,37,474	7,220.46	149.92
2006 – 2007	4,85,971	18,598.32	161.95
2007 – 2008	2,54,876	5,477.24	52.74
2008 – 2009	2,77,994	5,864.23	82.24
2009 – 2010	6,00,045	17,810.33	711.62
2010 – 2011	4,74,999	16,455.16	606.86
2011 – 2012	3,68,575	15,013.68	659.51
2012 – 2013	3,95,424	20,583.89	993.32
2013 – 2014	2,89,133	16,383.00	365.39
2014 – 2015	3,12,583	15,269.90	65.37
2015 – 2016	3,52,610	15,114.17	408.62
2016 – 2017	2,96,036	15,759.39	179.63
2017 – 2018	3,54,120	17,152.09	125.53
2018 –19	3,14,627	15,906.89	84.20
2019-20	3,01,728	17118.07	191.06
2020-21 (Budgeted)	4,39,935	23460.00	450.00

KARNATAKA STATE SEED AND ORGANIC CERTIFICATION AGENCY

(A Govt. of Karnataka Organization)

Opp. Baptist Hospital, Hebbal, Bengaluru-560024

ANNUAL REPORT FOR 2019-20

BACKGROUND :

Karnataka State Seed Certification Agency (**KSSCA**), was established in the year 1974 under Section-8 of the Seeds Act 1966 as an autonomous body and registered under the Karnataka Societies Registration Act 1960 with the objectives of regulating the quality of seeds certified in the State. The Organization became operational in January 1975. Since there is scope for increasing the activities, a new division viz., Organic Certification Division has been established in the year 2013 and the Organization is renamed as “Karnataka State Seed and Organic Certification Agency” (**KSSOCA**).

KSSOCA is offering both (a) Seed Certification & (b) Organic Certification services separate targets are fixed for both the divisions to undertake the programmes respectively.

Since then, the organization it has been providing excellent service to the Seed Producers, Growers and the Farming community in particular. There has been an upward trend in the Certification Activities year after year and the Area Registered & the quantity of Seeds Certified has increased from **6315** ha. & **56179** qtls. in 1975 to **55205.80** ha. & **22949.25** qtls. in **2019-20** respectively. Various factors have contributed to this manifold increase like awareness amongst the farming community regarding the benefits of use of high quality seeds, encouragement by the State & Central Govts. for production and distribution of high quality seeds, participation of more no. of seed Producers and Growers in Seed Production Programme and also varied agro-climatic conditions and soil types prevailing in the state which are conducive to seed production of various crop varieties.

GOALS

1. To provide quality certified seeds to the farmers to increase production & productivity;
2. Increase area under seed production and increase the availability of certified seeds to the farmers, thereby increasing the seed replacement rate (SRR);
3. Reduce the percentage of failure of seeds at field, unit as well as lab level;
4. Improve the infrastructure facilities of KSSCA for effective and timely certification activities.

OBJECTIVES:

The following are the main objectives of Seed Certification Agency:

- a) Certify seeds of any notified kinds or varieties (under Section-5 of Seeds Act 1966);

- b) Maintain a list of sources of Breeder & Foundation seeds approved by the Central Seed Certification Board;
- c) Outline the procedure for submission of application for growing, harvesting, processing, storage, labelling and tagging of seeds intended for certification till the end, so as to ensure that seed lots finally approved for certification are true to variety;
- d) Verify, upon receipt of an application for certification that variety is eligible for certification, that the seed used for planting is from approved source and the application has been submitted in accordance with the procedure prescribed for it;
- e) Inspect seed fields to ensure that the minimum standards for isolation, rouging (wherever applicable), use of male sterility (wherever applicable) and similar factors are maintained at all times, as well as to ensure that those provided in the standards for certification;
- f) Inspect seed processing plants to see that the admixtures of other kinds and varieties are not introduced;
- g) Take sample and inspect seed lots produced as per procedure and have such samples tested to ensure that the seed conforms to the prescribed standards for certification;
- h) Grant Certificates (including tags, seals etc.,) in accordance with the provisions of the Seeds Act;
- i) Ensure that action at all stages of seed certification is taken expeditiously;
- j) Undertake educational programmes designed to promote the use of certified seed, including a publication listing certified seed growers and sources of certified seed.

Aims and purpose of Organic Division.

Karnataka State Organic Certification Agency is one of the NAB Accredited certification Body in India. It undertakes Certification of Organic produce as per the NSOP which is being regulated by APEDA, Government of India. To get assurance of the Organic produce, 3rd party Certification is needed. Due to conformity of the product, NAB (National Accreditation Body) is accredited the KSOCA to carry out the Organic Certification. As per the Government of India (APEDA) has find the standard for Organic Certification i.e., National standard for Organic product (NSOP). Certified Organic products can be sold in domestic and International market export to European countries. Consumer will conform the integrity of the products by certification and purchased the organic products based on certification.

Advantage of Organic Agriculture

- Improve the soil health, increase the microbial activity in soil.
- Crops get more minerals/Nutrients.
- Maintain the ecological resources.
- Harmless Environment.

- Providing healthy food to human and animals.
- Timely guidance to Organic Farmers is available at KSOCA on Organic Certification

Certification Services available at KSOCA are

- Individual farm certification.
- Group Certification (ICS)
- Wild Collection.

KSOCA is providing the service to Organic Operators at less cost.

Organizational Set up:

The Governing Board is the Apex body of the Agency making decisions on the working of the institution periodically. Sri Rajendar Kumar Kataria, Principle Secretary, Department of Agriculture & Horticulture Govt of Karnataka is the Chairman of Governing Board with other official members from the departments such as Finance, Agriculture, Horticulture, UAS, Bengaluru, Dharwad, Raichur, Shimoga and the Deputy Secretary Department of Agriculture & Co-operation, Government of India. The Governing Board also consists of three non official members nominated by the State Government.

Administrative Set Up:

The Head Office of the Agency is located at Bengaluru with three Zonal Offices located at Bengaluru, Dharwad and Raichur respectively. The Divisional Offices are located at Bengaluru, Mysore, Davangere, Bellary, Dharwad, Gadag, Raichur, Haveri. Bagalkot, Gulbarga, Bijapur and Bidar. The Agency also has three Seed Testing Laboratories at Bengaluru, Dharwad & Raichur and two Grow-out-Test Centers at R.K.Shala, Anekal Taluk, Bengaluru and Dharwad.

Employees Details:

There are 203 sanctioned posts in the Agency. At present 73 posts are filled and remaining 128 posts are vacant of which 48 Technical and 25 Non-Technical posts pertain to Administrative & Accounts Sections are working. The Agency have also hired the services of 32 Technical and 46 Non-Technical staff on outsourcing to carry out day to day activities of Agency.

Physical Progress :

During the year 2019-20, 55205.80. ha. of area was registered for Certification, and 22949.25 qtls. of Seeds are certified.

There are around 99 Government and Private Seed Producing firms registered in the Agency. 106 Seed Processing Units Registered in Karnataka for processing and grading of seed material produced. The Agency has been certifying seeds of over 25 Crops of 127 varieties in the State. The progress achieved in Certified area and Quantity of seed certified, samples tested in Seed Testing Laboratory and Grow-out-Test are detailed below :

(Area in Ha. Qty in Qtls.)

Year	Regd. Area	Qty. Certified	No. of Seed Samples Analyzed	No. of Grow-out-Test conducted
2018-19	44846.00	518339.68	20226	27868
2019-20	55205.80*	22949.25*	16384	1882

* Under Progress

Organic Certification Division:

KSSOCA is undertaking certification of 566 ICS groups under the Savayava Bhagya Yojana scheme which is a very important leading scheme of Government of Karnataka. During 2016-17 KSOCA got the Accreditation and a result of which 204 ICS groups were transferred to KSOCA from Uttaranchala Certification Agency & certification of 362 groups have been taken up through AOCA & ADITI.

Financial Status :

Service Charges collected for various services rendered by the Agency are the only source of Income for the Organisation. The Income & Expenditure details for the year 2018-19 & 2019-20 are as under.

(Rs. in Lakhs)

Year	Income	Expenditure	Surplus	Deficit
2018-19	870.39	817.88	52.51	-
2019-20	903.35	141.97	-	5.16

Seed Certification Diary 2020 of KSSOCA has been brought out for the benefit of field functionaries involved in Seed Certification activities was released 3rd week of January-2020.

The Agency wishes to place on record the Co-operation and support extended by the Govt. of India, Government of Karnataka, Department of Agriculture, Horticulture, Finance, Public & private Seed Producers & Bankers in carrying out business of the Agency smoothly. The Agency extends its wishes to M/s. Sridhara & Shastry, Chartered Accountants for the Audit to be completed.

The Agency also appreciate, the valuable services rendered by all its Officers/Staff in carrying out activities of the Agency successfully under report.

KARNATAKA STATE SEED AND ORGANIC CERTIFICATION AGENCY

Cadre-wise Strength & Vacancy Position

(As on 31-03-2020)

Sl. No.	Designation	No. of posts Sanctioned	No. of posts filled		Vacant
			KSSOCA Recruitess	By Deputation	
1	Director (Rs. 90500-123300)	01	00	01	00
2	Joint Director (Rs. 74400-19600)	01	00	01	00
3	Deputy Director (Rs. 675000-104600)	04	03	00	01
4	Assistant Director (Rs. 52650-97100)	20	18	00	02
5	Senior Seed Analyst (Rs. 52650-97100)	02	00	00	02
6	Seed Certification Officer (Rs. 43100-83900)	51	05	00	46
7	Seed Officer (Rs. 40900-78200)	10	04	00	06
8	Senior Seed Processing Assistant (Rs. 37900-70850)	22	15	00	07
9	Seed Processing Assistant (Rs.23500-47650)	21	03	00	18
10	Administrative Officer (Rs.40900 -78200)	01	00	00	01
11	Accounts Officer (Rs. 40900-78200)	01	01	00	00
12	Superintendent (Rs.37900-70850)	06	01	00	05
13	Senior Office Assistant (Rs.27650-52650)	06	04	00	02
14	Stenographer (Rs.27650-52650)	01	00	00	01
15	Office Assistant (Rs.21400-42000)	13	06	00	07
16	Typist (Rs.21400-42000)	02	00	00	02
17	Receptionist/Telephone Operator (Rs.27650-52650)	01	00	00	01
18	Senior Driver (Rs.27650-52650)	02	02	00	00
19	Driver (Rs. 21400-42000)	11	02	00	09
20	Attender (Rs. 18600-32600)	15	07	00	08
21	Group "D" +Watchman (Rs. 17000-28950)	12	02	00	10
	Total	203	73	02	128

Abstract

a. By Deputation - 02

b. Agency Staff - 73

- 75

Other Outsourced services through Security

Services Agencies

Vacant Posts - 128

Grand Total - 203

Computer Operator cum office Assistant - 17

Drivers - 12

Group 'D' - 12

Seed Certification Officer - 32

Night Watchman - 03

Sweeper - 02

Total - 78

KARNATAKA STATE AGRICULTURAL PRODUCE PROCESSING AND EXPORT CORPORATION LIMITED (KAPPEC)

Karnataka State Agricultural Produce Processing and Export Corporation Limited (KAPPEC) was established on 22nd April 1996 under the Companies Act, 1956. The Authorized Share Capital is Rs.500 lakhs and the Paid up Share Capital is Rs. 50 Lakhs. The Government of Karnataka has released an amount of Rs.1000 lakhs as one time grant to facilitate establishment of post harvest infrastructure facilities in the potential locations of the State.

Main Objectives:

- ⇒ To develop and promote the production, processing and export of agriculture, horticulture, floriculture & allied products.
- ⇒ To create post-harvest infrastructures to facilitate the development and export of agricultural and allied products and also to promote private sector participation in this sector.
- ⇒ To conduct seminars & workshops involving farmers, scientists, exporters and related stakeholders to create awareness among farmers to grow export quality produce and also the potential benefits thereon.
- ⇒ To act as the nodal agency of the Government to operate schemes related to infrastructure facilities or any other activity assigned by the Government from time to time.
- ⇒ To guide farmers, budding entrepreneurs, farmers' associations and related stakeholders about starting export business and also setting up processing units in the State.

KAPPEC has been creating post harvest infrastructure facilities like Pack house, Pre-cooling unit, Cold Storage, Refrigerated Van, Warehouses etc., in different parts of the State for the benefit of farmers and exporters. Details of Post Harvest Infrastructure facilities established / being established are as under:-

- 1) Cold chain facility consisting of pack house, pre cooling unit, refrigerated van at Bijapur and Kushtagi to facilitate the export and storage of Grapes, Pomegranates, Lime and other horticulture commodities such as raisins, lime, grains and pulses. The facility is in operation.
- 2) Integrated cold chain facility at Hubballi and Bagalkot to facilitate the export & storage of Mango, Grapes, Pomegranates and other agriculture & horticulture produce. The facility is in operation.
- 3) Cold storage with a total capacity of 4000 Mts. at Vijayapura for the storage of Raisins. The facility is being utilized fully.
- 4) 1000 Mts. capacity cold storage facility at APMC Yard, Gadag to facilitate the storage of Chilly, Green Gram and other agriculture and horticulture produce. The facility is running.

- 5) 6300 Mts. capacity Warehouse facility at Hubballi APMC Yard as per WDRA standards to facilitate the storage of agriculture commodities ready for use. Additional warehouse of about 2500 Mts. capacity in the same premises is also ready for use.
- 6) Cold chain facility at Humnabad in Bidar District to facilitate the export & storage of Grapes, Pomegranates, Lime and other horticulture produce. The project has been completed and ready for use.
- 7) 2780 Mts. capacity Warehouse facility at KIADB Industrial Area, Humnabad in Bidar District to facilitate the storage of agriculture commodities. The project has been completed and ready for use.
- 8) 5420 Mts. capacity Warehouse facility at KIADB Industrial Area, Vijayapura to facilitate the storage of agriculture commodities. The project has been completed and ready for use.
- 9) Establishment of 3750 Mts. capacity Warehouse facility at KIADB Industrial Area, Bagalkot as per WDRA standards to facilitate the storage of agriculture commodities. The project has been completed and ready for use.
- 10) Cold chain facility in Kudachi (Belgaum District) for the benefit of M/s. The Raibag Taluka Grape Growers Processors and Exporters Co-operative Society Ltd., Kudachi with financial assistance of APEDA. KAPPEC has no financial stake in this project. The project has been completed and ready for use.
- 11) Participated in the equity to an extent of Rs.169 Lakhs for the establishment of Fruit and Vegetable Processing (Individual Quick Freezing) unit near Hubballi under Public Private Partnership in the name and style of M/s. Tropicool Foods Pvt. Ltd. The company is buying required horticulture produce from farmers directly for processing and exports.
- 12) Integrated Cold Chain Facility at Poojenahalli Horticulture Farm, Devanahalli near Bengaluru International Airport for the export of fresh fruits, flowers, vegetables and other horticulture produce. Tender process has been completed and work order has been issued for the establishment of Integrated Cold Chain Facility.
- 13) 2800 Mts. Multichamber Cold Storage Facility at APMC Yard, Gadag. Tender process is on.

The post harvest infrastructure facilities stated above are established / being established by availing financial assistance from Rashtriya Krishi Vikasa Yojana (RKVY), Agricultural & Processed Food Products Export Development Authority (APEDA), Assistance to States for Developing Export Infrastructure & other allied activities (ASIDE), National Horticulture Mission (NHM) and the Govt. of Karnataka and also the one time grant received from the Government of Karnataka.

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KARNATAKA STATE PULSES ABHIVRIDHI MANDALI LIMITED., KALABURGI

(Formerly known as Karnataka Togari Abhivridhi Mandali Ltd.,)

Annual Report for the year 2019-20

ESTABLISHMENT :

The Karnataka Togari Abhivridhi Mandali Limited is established under Companies Act, 1956 on 13.05.2002 vide Government Order No. AHD 399 MS 99 Bangalore Dated 15.03.2002.

The name of the company has been changed from Karnataka Togari Abhivridhi Mandali Ltd. to '**Karnataka State Pulses Abhivridhi Mandali Ltd.**' with effect from 14-11-2018.

BUDGET :

The Government of Karnataka released Rs. 5.00 crores as share amount during 2002., and further on 31.1.2007 State Government has released an amount of Rs. 285.00 lakhs for Market Intervention Program, Rs. 10.00 lakhs for Research and Development Activities, and Rs. 5.00 lakhs for Extension activities of the Board.

OBJECTIVES :

1. Encourage to grow, different varieties of Tur, and other pulses seeds, procure, stock and market. further the objectives of Board is to finance, assist the farmers.
2. Tur and other pulses seeds, increase of their production and, assist, develop and to encourage marketing etc.
3. To encourage research activities conducted by Agriculture Universities. and to advise the farmers to adopt appropriate technology
4. To facilitate in increasing the production, productivity and quality of tur produce by conducting seasonal trainings at field, taluka and district levels involving farmers and scientists.
5. To promote research activities conducted by the Universities, National research centers and companies and assist farmers to adopt available appropriate technology.
6. To act an agent of Govt. of Karnataka in the exploitation of the potential of Togari and other pulses of crops.

ACTIVITIES :

1. Conducting trainings to farmers.
2. The updated research on technology disseminated to the farmers.
3. To coordinate in Seed Production programmes.
4. Purchase tur directly from the farmers under Minimum Support Price Scheme.

STRUCTURE OF THE BOARD :

As per Articles of Association under Article 13 there is a provision to induct a maximum of 17 Board of Directors of this organization comprising Official Directors (12), Non Official Directors - farmer representatives (5). The present structure is as under:

Sl. No.	Designation	Name	Remarks	Remark
1.	Chairman KTAML Kalaburgi	Sri. Shivashankar Reddy	Minister for Agriculture and Chairmen	31-03-2018 to 02-08-2019
		Sri. Rajender Kumar Kataria. I.A.S	Secretary Department of Agriculture and Chairman, KSPAML Kalaburagi.	02-08-2019 to 31-03-2020
2.	Agriculture Commissioner Bangalore	Sri. Brijesh Kumar Dikshit. I.F.S	Director	01-04-2019 to 31-03-2020
3.	Deputy Commissioner Kalaburgi	Sri. Venkateshkumar IAS	Director	01-04-2018 to 31-08-2019
		Sri. Sharat B. I.A.S	Director	31-08-2019 to 31-03-2020
4.	Project Director, ARS Kalaburgi	Sri. Jaiprakash Patil	Director	01-04-2019 to 31-03-2020
5.	Regional Manager, NABARD Kalaburgi	Sri. Ramesh Bhatt	Director	01-04-2019 to 31-03-2020
6.	Chief Manager - Lead Bank (SBI) Kalaburgi	Sri. C H Hawaladar	Director	01-04-2018 to 31-03-2019
7.	Divisional/Asst. General Manager, KSCMF Kalaburgi	Sri. Pradeep	Director	01-04-2018 to 06-07-2019
		Sri. Sunilkumar.	Director	06-07-2019 to 31-03-2020
8.	Secretary, APMC Kalaburgi	Smt. Rajashree M S	Director	01-04-2018 to 31-03-2019
		Smt. Shailaja	Director	01-04-2019 to 31-03-2020

Sl. No.	Designation	Name	Remarks	Remark
9.	Joint Director of Agriculture, Kalaburgi	Sri. . Retendranath Sugur	Director	01-04-2019 to 31-03-2020
10.	Managing Director Karnataka State Pulses Abhivridhi Mandali Ltd. Kalaburgi	Sri. . Retendranath Sugur	Incharge Managing Director	01-04-2019 to 22-07-2019
		Sri. Karunakara.J	Managing Director	22-07-2019 to 31-03-2020

PERSONNEL - Working strength :

Name of the Post	Present status
Managing Director	1) Sri. Retendranath Sugur 01-04-2019 to 22-07-2019 2) Sri. Karunakara.J 22-07-2019 to 31-03-2020
Marketing Officer / Agriculture officer	M.Sc. Agri Degree Holder has been taken temporarily on Contract Basis, paying consolidated salary.
Administrative Officer	Retired Administrative officer from Agriculture department has been taken by paying consolidated salary on temporary basis.
Senior Marketing Assistant	Retired Senior Marketing Assistant from Agriculture Marketing department has been taken by paying consolidated salary on temporary basis.
Superintendent/ Accountant	MBA (Finance & HR) graduate having a computer with Tally system experience, has been taken on outsource salary on temporary basis.
Second Div Asst	Sri. Shivasharanappa a candidate appointed on compassionate grounds as SDA from Department of Agriculture. and deputed to the Tur board Kalaburgi on deputation basis.
Computer Operator (1)	Persons having knowledge of computer have been taken on consolidated salary on outsource basis.
Driver	One person is working on outsource basis on consolidated salary.
Group-D (1)	One person is working on outsource basis on consolidated salary.
The above personnels are working under outsource basis and above same are approved in the Board Meetings of the Mandali.	

MARKET INTERVENTION PROGRAMME :

The Karnataka Togari Abhivridhi Mandali was established to protect the interest of pulses growing farmers of Karnataka in general and tur growing farmers in particular. Under market intervention programme., the Mandali does direct purchase of tur from farmers to

stabilize the market price on the produce. Depending on the financial assistance extended to the Mandali, hitherto the market intervention operations are being done only in Kalaburgi, Bidar and Yadgir districts.

The Market rate of the tur during the year 2014-15 was above the MSP hence no procurement of Tur was made during year 2014-15. Accordingly procurement of tur made during 2013-14 was 2,51,012 qtls. and the same were sold out during 2014-15 at the competitive rates and an amount of Rs. 127 crores released. amount released from revolving fund has already been refunded to Marketing Board from 2002-03 to 2014-15.

Due to increase in market prices tur procurement could not under taken during the year 2014-15 & 2015-16

Procurement details from 2002-03 is as under:

Year	Releases	Quantity in qtls.	Cost of Tur (Loose value)(Rs)
2002-03	50000000*	667.000	1043376.00
2004-05	150000000***	57489.690	103737640.00
2005-06	0	67685.340	114976746.20
2006-07	28500000**	0.000	0.00
2007-08	0	60.000	133004.00
2008-09	30000000***	0.000	0.00
2009-10	0	9745.000	40165311.00
2010-11	0	9248.000	37210540.00
2011-12	220000000****	55115.400	220461600.00
2012-13	250000000***	53484.000	240678000.00
2013-14	1370000000****	251012.000	1255060000.00
2014-15	0	0.000	0.00
2015-16	0	0.000	0.00
2016-17 *****	Central RS. 185,96,67,550 State Rs. 16,57,12,950.00	367555.50	2021555250.00
2017-18	Central @ 5450 & State 550 = Rs. 6000/- qtl. Rs. 173,46,15,000.00	289102.50	173,46,15,000.00
2018-19	Central @ 5675 & State 425 = Rs. 6100/- qtl. Rs. 68,13,63,900.00	111699.00	68,13,63,900.00
2019-20	Central @ 5800 & State 300 = Rs. 6100/- qtl. Rs.17,14,185,400.00	281014.50 (As On 15-05-2020)	17,14,185,400.00 (As On 15-05-2020)

* Released as share capital money.

** Released by Government for procurement operations.

*** Released from Revolving Fund for procurement operations.

**** Released from Revolving Fund as loan for procurement operations.

KARNATAKA TOGARI ABHIVRIDHI MANDALI PROCURED TUR

During 2016-17 Under Buffer Stock programme of FAQ Tur Under P.S.F. :

During 2016-17 Govt. of India has accorded sanction under PSF for purchase of FAQ Tur by fixing minimum support price of Rs. 5050/- per qtl. on the same line Govt. of Karnataka has also announced incentive of Rs. 450/- per quintal for the farmers. Accordingly Karnataka Togari Abhivridhi Mandali has actively participated in purchase of tur limited to Kalaburgi Dist. on behalf of the National Agriculture Co-operative Marketing Federation of India LTD.(NAFED). During the year 2016-17, Karnataka Togari Abhivridhi Mandali has procured the 3,68,251 quintals of Tur directly from farmers in different places of village, hobli, taluka, as well as dist. level in helping to be needy rural farmers in particular.

The provision for payment of Rs. 2025380500.00 has been made to the farmers through RTGS.

During 2016-17 Karnataka Togri Abhivridhi Mandali Limited has procured 368251 qtls. of Tur directly from the farmers on behalf of the NAFED Government of India accordingly Tur board has purchased and deposited 368251 qtls. Tur in the central/State warehouse as per their directions from this procurement activities Tur board has earned Rs. 1,27,73,707/- as commission at the rate of 0.75% as fixed by the NAFED and out of this, Tur board has also paid commission at Rs. 0.324% to the sub agencies. i.e., Primary Agriculture Co-operative Society.

This Tur procurement programme has been carried out sincerely, efficiently, and successfully without any hindrance.

Karnataka Togari Abhivridhi Mandali procured Tur During 2017-18 Under PSS of FAQ Tur. :

During 2017-18 Govt. of India has accorded sanction under PSS for purchase of FAQ Tur by fixing minimum support price of Rs. 5450/- per quintal. Vide govt. order dated. 21-12-2017. on the same line, Govt. of Karnataka has also announced for payment of incentive to farmers at Rs. 550/- per quintal for the farmers . Accordingly Karnataka Togari Abhivridhi Mandali has actively participated purchase tur from Kalaburgi dist. as well as in Yadgiri dist. on behalf of National Agriculture Co-operative Marketing Federation of India LTD.(NAFED).

As per the direction and guidance of the Deputy commissioner of Kalaburgi and Chairman of Dist. Taskforce committee Kalaburgi, in Kalaburgi dist. 24 Tur purchase centers has been established and tur procurement started through Primary Agriculture Co-operative Societies. as per the direction of the NAFED registration of farmers commenced from 1-1-2018 and ended 14-01-2018, accordingly tur purchased started from 15-1-2018 in 24 tur procurement centers and ended on 28-03-2018. In Kalaburgi dist. total 246895.50 qtls. of Tur purchased to extent of Rs. 148,13,73,000/- and made the payment to the farmers through the online.

On the same line in the Yadgiri dist. also 42207 qtls. of tur purchased from the farmers directly and made the payment through online to the extent of Rs. 24,32,42,000/- In

this way Karnataka Togari Abhivridhi Mandali has carried out the tur procurement activities on behalf of the NAFED honestly, sincerely and efficiently.

As per the proceedings of the Government dated :28-11-2018 has accorded permission for change of name as “Karnataka State Pulses Abhivridhi Mandali Ltd” Accordingly the Board in its 15th Annual General Meeting Held on 11-09-2018, discussed in length for Amendment of AOA and MOA and submitted the proposal to the Registrar of Companies for change of name as “**Karnataka State Pulses Abhivridhi Mandali Limited**” Kalaburgi. Accordingly, registrar of companies in his E-mail mcaadm@mca.gov.in dated : 14-11-2018 issued certificate by changing the name “**Karnataka State Pulses Abhivridhi Mandali Limited**” with effect from 14-11-2018.

Karnataka Togari Abhivridhi Mandali procured Tur During 2018-19 Under PSS of FAQ Tur. :

During 2018-19 Government of India has accorded sanction under PSS for purchase FAQ Tur by fixing minimum support of rupees 5,675/- per qtl vide Government order 22-12-2018, on the same line government of Karnataka has also announced for payment of incentive to farmers at the Rate of 425/- per qtl in the interest of the farmers as a whole. Accordingly Karnataka State Pulses Abhivridhi Mandali Ltd has actively participated for purchase of Tur in Kalaburgi District as well as in Yadgiri District on behalf the National Agriculture Co-operative Marketing Federation of India LTD.(NAFED). and Food Corporation of India (FCI) respectively. As per direction and guidance of the Deputy Commissioner and Chairmen of District taskforce committee Kalaburgi and Yadgir. In Kalaburgi District 22 Tur purchase centers and 3 tur procurement centers at Yadgir District has been established and Tur procurement started and done. Through Primary Agriculture Co-operative Societies. As per direction of Nafed, the registration of farmers commenced from 1-1-2019 and ended 10-04-2019. Accordingly Tur purchase started from 16-01-2019 in 22 tur procurement centers in kalaburgi district and 3 procurement centers in yadgir district and procured tur the directly from 18,788 farmers from kalaburgi district and 1,298 farmers from yadgir district respectively. In Kalaburgi, 1,05,855 qtls and in Yadgir District 5,843.50 qtls of tur purchased. In all tur Board has purchased total 1,11,698.5 qtls of tur and made payment to the farmers to the extent of Rs. 68,13,60,850.00 and stock have been deposited in the Central/ State Warehouses as per the directions of NAFED.

Karnataka Togari Abhivridhi Mandali procured Tur During 2019-20 Under PSS/PSF of FAQ Tur. :

During 2019-20 Government of India has accorded sanction under PSS/PSF for purchase FAQ Tur by fixing minimum support of rupees 5,800/- per qtl vide Government order 21-12-2019, on the same line government of Karnataka has also announced for payment of incentive to farmers at the Rate of 300/- per qtl in the interest of the farmers as a whole. Accordingly Karnataka State Pulses Abhivridhi Mandali Ltd has actively participated for purchase of Tur in Kalaburgi District as well as in Yadgiri District on behalf the National Agriculture Co-operative Marketing Federation of India LTD.(NAFED). As per direction and guidance of the Deputy Commissioner and Chairmen of District taskforce committee

Kalaburgi and Yadgir. In Kalaburgi District 39 Tur purchase centers and 3 tur procurement centers at Yadgir District has been established. Tur procurement started and done, Through Primary Agriculture Co-operative Societies. As per direction of Nafed. the registration of farmers commenced from 1-1-2020 and ended 25-02-2020. Accordingly Tur purchase started from last week of January 2020 in 39 tur procurement centers in kalaburgi district and 3 procurement centers in yadgir district. tur procured the directly from 29504 farmers from kalaburgi district and 874 farmers from yadgir district respectively. In Kalaburgi, 273226 qtls and in Yadgir District 7788.50 qtls of tur purchased as on 15-05-2020. Further Procurement of Tur From the farmer has been Continued as per the directions of the Government order dated:29-04-2020. The stocks have been deposited in the Central/ State Warehouses as per the directions of NAFED.

The payment made to the farmers through Aadhar linked and DBT Portal.

Other Activities :

- Trainings were conducted during 2005-06 (27), 2006-07 (13), 2007-08 (41) and 2008-09 (Field demonstration in 13000 ha).
- During 2003-04 initiated research oriented work with UAS Scientists.
- During 2007-08 and 2008-09 Seed Production programme was done.
- Due to Scarcity of funds and unavailability of man power in the Mandali these programmes could not be continued.

Benefits to Farmers :

1. Due to implementation of one of the prime objective i.e. 'Market Intervention' the market price of tur was stagnated at each instance, and as such, the farmers were able to get considerable increase in the market price to the tur grown by them.
2. By imparting training to the farmers they have been benefited with new techniques of farming.
3. During 2008-09, the Mandali conducted demonstrations under selected villages. This operation had increased yield of 2-3 qtls of tur per acre. The participants were able to get considerable benefit out of demonstrations.
4. Under publication programme the Mandali got printed and made available to the farmers - Improved Agricultural Practices in Tur cultivation, major insect pest and their control measures in Tur cultivation, major diseases and their control measures in tur cultivation, seed production technology of Tur, and low cost yield technology in growing tur - have improved the knowledge of Tur growing farmers.
5. Payment made directly to the farmers Bank accounts through RTGS during 2016-17. In 2017-18 also online payment made through NeML Portal. During 2018-19 payment was done through Aadhar Enabled Payment System (AEPS). During 2019-20 the payment made to the farmers through Aadhar linked and DBT portal. In this way procurement operations have taken place to avoid interference of middle men and to reach the actual beneficiaries, directly.

**KARNATAKA STATE PULSES ABHIVRIDHI MANDALI LTD.
KALABURGI**

**Budget provision made for the year 2020-21 for Maintenance
of Salary of officer / Staff and office expenditure**

Sl.No.	Particular	For One Year	Amount
1)	Pay of officer (MD)	1,33,236x12	15,98,832-00
2)	Pay of establishment	27,322x12	3,27,864-00
3)	Salary of Staff working on contract basis	99,000x12	11,88,000-00
4)	Pay and other allowance of Chairman	55000x12	6,60,000-00
5)	Pay of Chairman's establishment	40,000x12	4,80,000-00
6)	Fuel charges of Chairman's car		3,00,000-00
7)	Maintenance of Chairman's car		2,00,000-00
8)	Maintenance and Fuel Charges of MD Car		3,00,000-00
9)	Office Expenses		2,00,000-00
10)	Office Building Rent		3,00,000-00
11)	Office Phone Expenses		1,00,000-00
12)	Tour Expenses of Chairman's		2,00,000-00
13)	Tour Expenses of Managing Director		2,00,000-00
14)	Board of Director's meeting Expenses	4 Meeting's	1,00,000-00
15)	Director's meeting Sitting Fees, Tour, and accommodation Expenses	4 Meeting's	2,00,000-00
16)	Auditor Fee		2,50,000-00
17)	Company Secretary Salary		4,00,000-00
	Total		70,04,696-00

KARNATAKA STATE AGRO CORN PRODUCTS LIMITED
HEBBAL, BANGALORE-560 024

KARNATAKA STATE AGRO CORN PRODUCTS LIMITED coming under department of Agriculture is a Government of Karnataka Undertaking Regd on. 06.04.1973, under the company's Act 1956. Its Regd. Office is at Hebbal, Bellary Road, Bangalore was engaged in production of Maize and Feed products at Head Office and Energy Foods at its Units located at Mysore, Belgaum, Chitradurga, Raichur and Doddabalapur. The company is functioning as independent company since 1989.

The share capital details are as follows:

1. Share Capital

Share Capital	400.00
Paid up share Capital	273.37
a) Govt. of Karnataka	223.37
b) K.A.I.C	50.00
c) Pvt. share Capital	Nil

2. Activities of Company: The Company had 3 divisions.

- a) Maize Milling Division
- b) Feed Division
- c) Energy Food Division

Since the production activities of the company came to stand still w.e.f. 01.04.2007. the Govt. vide its order Kru Tho E/04/Kru E Mum 2010 Bengaluru dated 22.02.2012 Ordered to close the company. Accordingly all the employees except deputation employees of the company have been relieved under VRS scheme w.e.f 31st march 2012 and the closure activities of the company are under progress.

THE MYSORE TOBACCO COMPANY LIMITED

Annual Report to Government

The Mysore Tobacco Company is a Government of Karnataka Enterprise coming under the Ministry of Agriculture. It was established in 1937.

Tobacco Board was established in 1980 and started its activities in Karnataka in 1983. All activities of MTC were shifted to Tobacco Board. Hence, the Government in 1984 directed MTC to stop all commercial activities

The Company is having 95.15% Government Shares and 4.85% Private Shares. The Company is getting rent from the godown rented to Karnataka State Beverages Corporation. A portion of Head Office is rented to M/s KAPPEC Ltd.,

The Secretary to Government, Agriculture Department, is the Chairman of the company.

The State Government has purchased Company's shares held by Private Shareholders at the rate of Rs. 1,479/- per share for making the Company a 100% Government Company. M/s KAPPEC was authorized to purchase shares from Private Shareholders on behalf of Government. 20,543 private shares were purchased and transferred to Government of Karnataka on 16.08.2017.

The State Government vide Order No. Kru E 146 Vu E 2014 dated 16.01.2015 has approved transfer of MTC's properties at Bangalore (Head Office) and factory at Kadugodi to M/s KAPPEC for making use of the same in the best interest of public. M/s Karnataka Agro Industries Corporation has transferred 1,10,515 shares they were holding in MTC in favour of M/s KAPPEC. MTC has taken steps for D-Mat of Shares. Soon after the process is completed, the Shareholding of KAIC will be transferred to KAPPEC.

FOOD KARNATKA LIMITED

I. Status of Implementation of Food parks:

Food Karnataka Ltd., has been nominated as the nodal agency to look after the implementation at the following Food Parks in the State. Ministry of Food Processing Industries, Govt of India, under the 10th five year plan had approved the establishment of food parks in Malur (Kolar District) Hiriya (Chitradurga District) Bagalkot (Bagalkot District) and Jewargi (Gulbarga District) to give impetus to value addition to agriculture and horticulture produce. The status of implementation of these food parks are as detailed below:

- 1. M/s. Innova Agri Bio Tech Park Limited, Malur:** This Food Park is being developed in an area of 87 acres of land in KIADB Industrial Area Malur, Kolar District. Development of land and laying of roads, drains etc, have been completed. Common infrastructure facilities such as cold storage, ware house, sorting, grading, dal processing, packaging plant have been developed. To compliment the activities a gamma irradiation facility has been installed and the same is in the process of getting accreditation from USFDA. 50.48 acres in the park has been allotted/earmarked to 13 food processing units. The balance land available for allotment is 3.08 acres. The total project cost reported by the company as on 09.08.2016 is Rs. 2315 lakhs. The Government of India and Government of Karnataka have sanctioned and disbursed grant of Rs. 400 lakhs each respectively (Total Rs. 800 Lakhs) given.
- 2. M/s. Green Food Park Limited, Bagalkot:** This Food Park is being developed in an area of 100 acres of land at Navnagar KIADB Industrial Area, Bagalkot. Land development, laying of roads, drains, etc. Completed a common infrastructure facilities such as cold storage grading, sorting, packaging machines, weigh bridge facilities have been installed and completed. The civil works for the buildings ware house, administrative block and R&D centre have been completed. The implementing agency has allotted 52.5 acres of land for 18 food processing units/ companies and the balance land available for allotment is 2.25 acres. The total project cost reported by the company as on 08.09.2014 is Rs. 2241.05 lakhs. The Government of Karnataka has released an amount of Rs 400 Lakhs and Government of India has released an amount of Rs. 300 Lakhs so far as against the total sanctioned amount of Rs. 800 lakhs. (Rs. 400 Lakhs Government of Karnataka and Rs.400 Lakhs Government of India) subsidy was given.
- 3. M/s. Akshaya Food Park Limited, Hiriya:** This Food Park is being developed in an area of 106 acres and 37 guntas of land at Huchavanahally village, Hiriya Taluk, Chitradurga District. Land development and laying of roads, drains etc, have been completed. Common facilities such as cold storage, warehouse, sorting, grading, Dal processing and two lines of packaging machines for food-grains, oilseeds and spices been installed. The total project cost is reported by the company as on 23.2.2011 Rs. 1886.89 lakh. The Governments of India and Government of Karnataka have, sanctioned and disbursed grant/un-secured loan of Rs. 400 lakhs. each respectively
- 4. M/s. Jewargi Agro Food Park Limited, Jewargi:** This Food Park is being developed in an area of 105 acres of land. Land development laying of roads, drains is completed. The

warehouse is under construction. The total project cost reported by the company as on 21.09.2016 is Rs. 2507 lakh. So far the Government of Karnataka has released Rs. 300 Lakhs and Government of India has released Rs. 200 lakh each as against Rs 400 lakhs from Government of Karnataka and Rs 400 Lakhs from Government of India. The balance amount has been mobilized by the implementing agency. The developer has stated that they have allotted land to 113 entrepreneur to start food processing units.

II. Food Parks under the State Scheme: As part of the State Budget 2008-09, the Government of Karnataka had approved the establishment of food parks in six districts i.e., Bangalore (Rural), Tumkur, Shimoga, Davanagere, Bijapur and Belgaum.

The present status is as under:-

1. **Shimoga Food Park:** M/s. LMJ International Limited has been selected as the developer for establishing the food park in an area of 100 acres of land at Sogane Village in NidhigeHobli, Shimoga District. In view of the very slow progress of the earlier food parks, the Government is examining the handing over of land to the developer
2. **Bijapur Food Park:** 75 acres of land acquired by the Deputy Commissioner, Bijapur at Ittangihala in Bijapur District has been allotted to Food Karnataka Limited for the proposed food park. The Government is yet to decide on whether to call for bids for the selection of developers in view of Luke worm progress of other food parks.
3. **Spice Park at Byadagi Haveri District:** The State Government has approved the establishment of a Spice Park at Byadagi in Haveri district. Food Karnataka Ltd has invited twice calling expression of interest from the private developers. However, there was no response. An amount of Rs.100 lakhs has been given to KIADB for acquiring land to set up the Park.

KARNATAKA ANTARGANGA MICRO IRRIGATION CORPORATION

a	Name of the scheme and year of Introduction	Karnataka Antarganga Micro Irrigation Corporation 2018-19
b	Budget Head	2401-00-00-1-101, Sub-Head-101- Salary & 103 - Other Expenses
c	Central & State share under the State Sector.	State Sector - (100%)
d	Objective of the programme	<p>The Main objectives are :</p> <ul style="list-style-type: none"> • To create awareness among farmers community on usefulness of MIS and various subsidy schemes of State or Central Govt. • To carry on the activities and implementation of MIS like drip, mini, micro sprinkler and Rain gun. • To act as single window system for supply of MIS for all departments like Horti, Agri, Seri to avoid duplication of beneficiaries and same for pattern of subsidy. • To monitor and ensure supply of quality materials to farmers, timely delivery and installation of MI and quick disbursement of subsidy to farmer. • To develop implement modules for online processing of application
e	Estimated benefit & number of beneficiaries	-
f	Financial (Rs.in lakhs)	2019-20 financial Target given is Rs. 200.00 lakhs

g) Expenditure: (Rs. in lakhs)

Actual/Accounts 2018-19		Revised Estimate 2019-20		Budget Estimate 2020-21
Grants released	Exp	Grants released	Expenditure (January 2020 end)	Expected Grants
90.76	90.76	150.00	150.00	1566.00

h) Physical Achievements (Units: in Nos)

2018-19		2019-20		Audit observations
Tar	Ach	Tar	Expenditure (January 2020 end)	Just mention whether Audit has been completed for the year or not. Mention Audit observation if any
-	-	-	-	Audit has been completed for the year 2018-19 and there is no Audit observation. 2019-20 audit will be done after completion of financial year.

- i) Brief analysis of the performance trends and implementation constraints, reasons for shortfall in delivering the benefit / reaching out to the beneficiaries and delay in implementation: Not Applicable

KARNATAKA AGRO INDUSTRIES CORPORATION LIMITED

1. Establishment, capital holding and the purpose of establishment KAIC:

Karnataka Agro Industries Corporation Limited (KAIC) was established in 1967 with equity participation of 51% by Government of Karnataka (GoK) and 49% from Government of India (GoI) to promote agriculture in the State in consonance with the national policy on the development of agriculture in the country, aimed at providing the entire agriculture related supplies and services to the farming community to assist them in taking up agriculture on a more systematic, scientific and cost effective manner. KAIC is fully owned by the GoK with effect from 15-03-2001 on transfer of 49% GoI shares to GoK.

2. Financial assistance extended by GoK for settlement of VRS benefits to VRS optees:

As per G.O. No.DDPER 55 ARU 2003 dated 03-09-2003, GoK has accorded approval for closure of KAIC and to offer VRS 2003 to all its 656 employees with immediate effect. Accordingly, all the employees have opted for VRS 2003 and they were relieved from the services in batches from September 2003 to July 2004. All the activities of KAIC have been stopped and all the unit/branches including head office have been closed with effect from 15-07-2004. The GoK released financial assistance of Rs.49,39,34,883-00 towards settlement of VRS, retirement benefits and PF contributions in nine separate G. Os issued from 26-12-2003 to 31-12-2007 over a period of 4 years as against settlement of VRS benefits within 30 days from the date of relief of the employees as stipulated in VRS scheme designed by GoK although such amount released to other State Government undertakings has been treated as grant. As such, when the ex-employees approached courts to direct KAIC to pay interest for the period of delayed payment, the court ordered for payment of interest at different rates. However, KAIC settled interest uniformly @ 6% p.a. with administrative approval. KAIC has requested the GoK to set off the above amount released as loan, interest and penal interest towards the guidance value of Rs.685 crores of 21 immovable properties of KAIC transferred / to be transferred to GoK and physical possession handed over / to be handed over.

3. Closure processes of KAIC:

The Commissioner for Agriculture, Department of Agriculture, is the ex-officio Managing Director, who, with the assistance of only four persons engaged on temporary basis, is carrying out further process of closure under the guidance of the Board of Directors.

4. Brief tentative annual report for 2019-20:

During the year 2019-20 there is a decrease in other income as compared to the previous years to the extent of Rs.26.04 lakhs (Rs.82.21 lakhs – Rs.56.17 lakhs). The increase in overall administrative and establishment expenses are to the extent of Rs.425.25 lakhs (Rs.2,837.93 lakhs – Rs.2,412.68 lakhs). As such the company has incurred a net loss of Rs.27.82 crores for the year 2019-20 and accumulated loss of Rs.350.84 crores as on 31-03-2020. The reason for the net loss is mainly on account of providing interest of State Government loans and stoppage of all the activities of the company.

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UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

Annual Report : 2019-20 (till February, 2019)

I. Education

The University has six teaching campuses, with a territorial jurisdiction of 10 Southern districts of Karnataka to carry out the mandates activities of the University viz., teaching, research and extension in the areas of agriculture and allied sciences. Presently, the University offers six Bachelor degree programmes viz., B.Sc. (Agriculture), B.Sc. (Sericulture), B.Sc. (Agricultural Marketing & Cooperation), B.Tech. (Biotechnology), B.Tech. (Agri. Engineering) and B.Tech. (Food Science & Technology). University also offers Masters' degree programme in 22 disciplines and Ph.D. programme in 15 disciplines.

Salient Achievements:

- UAS-B secured first position in JRF examination conducted by ICAR, New Delhi in Agriculture Sciences and Engineering & Technology streams for PG admissions during 2019
- International Centre (IC) has been established at the Directorate of Student Welfare, GKVK, Bengaluru to coordinate all the international activities of the University
- Students of UAS participated in the 20th All India Inter Agricultural University Youth Festival held at Indira Gandhi Krishi Vigyana, Raipur and secured 1st place in Folk Dance and Mono acting
- Prof. Nanjundaswamy Research Chair has been established to undertake need based research and outreach activities to address emerging issues in agriculture
- University of Agricultural Sciences, Bangalore was awarded FIVE STAR institution by the Department of Higher Education, GoK in the category of Specialist University
- AICRP on Agro-meteorology, Bengaluru centre was conferred with an Award of Excellence for the year 2019 for outstanding dissemination and outreach of Agromet Advisories by the Indian Meteorological Department, GoI
- University has developed UGAM App, for online payment of fees and paperless semester registration by the UG students
- 107th Indian Science Congress was organised at University of Agricultural Sciences, GKVK, Bengaluru from 3-7 January, 2020 inaugurated by Shri Narendra Modi Ji, Hon'ble Prime Minister of India on 3rd January, 2020 in the august presence of Shri B.S. Yediyurappa, Hon'ble Chief Minister, GoK and Dr. Harsh Vardhan, Hon'ble Union Minister of Science & Technology, Earth Sciences and Family Health & Welfare, GoI

Admissions during the Academic Year 2019-20: During 2019-20, 956 Candidates were admitted to Bachelor's Degree Programme of which 107 were ICAR students and 51 were NRI students. 319 candidates were admitted to Master's Degree Programmes of which 77 were ICAR/JNU, four NRI students and two foreign students. For the Doctoral Degree Programmes 125 candidates were admitted including 23 from ICAR and three foreign

students. For the two year Diploma course offered at College of Agriculture, Mandya, 50 candidates were admitted.

Scholarships Awarded: UAS-B has Awarded 80 UAS Resident Merit Scholarships, 406 General Merit Scholarships and 08 Donors Scholarships to students pursuing Under Graduate Degree Programme. For students pursuing Master's Degree programmes, 78 University Resident Merit Scholarships and 04 Donor Scholarships were awarded. For students Pursuing Ph.D. Degree Programmes, 24 University Resident Merit Scholarships were awarded.

Degrees to be Awarded: During 2019-20, 638 Under Graduates, 280 Post Graduates and 68 Ph.D. students have passed out and the degrees would be awarded during the ensuing 54th Convocation scheduled to be held during last week of March, 2020.

II RESEARCH

Commercialization of Technologies: Sixteen technologies have been approved for commercialization.

- ✓ Five Food based products (High Fibre Nutri Mix, Coconut flour cookies, Coconut Masala Biscuit, Coconut Cake and Coconut Rusk), Three Equipment's (High Capacity Tamarind Fruit Dehuller, Pongamia Decorticator and Sunflower Dehuller) and One Crop based technology (KRH-4:Rice Hybrid) have been commercialized through NRDC, GOI, New Delhi.
- ✓ Six Food based products (Finger Millet Vermicelli, Finger Millet Vermicelli With Ashwagandha Root Powder, Finger Millet Vermicelli With Madhunasini Leaves Powder, Finger Millet Vermicelli With Jamun Fruit Seeds Powder, Finger Millet Vermicelli With Germinated Fenugreek Seeds Powder, Finger Millet Vermicelli With Amruthballi Leaves Powder), One Crop based technology (Maize Hybrid: MAH 14-5) have been sold directly by UAS, Bangalore.
- ✓ High Fibre Nutri Mix and Coconut flour cookies have been commercialized through NRDC, GOI, New Delhi and also have been sold directly by UAS, Bangalore.

Seed production: National Seed Project, UAS, Bengaluru has undertaken breeder and quality seed production in an area of about 1,242 ha with a target of 19,042 quintals during 2019-20 in different crops. A total of 868.5 quintals of breeder seed and 15,500 quintals of quality seeds have been produced during 2019-20.

III. EXTENSION

The Directorate of Extension is vested with the responsibility to carry out the extension services in 10 districts of Southern Karnataka as complementary and supplementary to the extension activities of developmental departments. During 2019-20, the Directorate through its different units conducted 308 training programmes and trained 13934 farmers/farm women / Rural youth. In 22 batches 841 extension functionaries and 1156 officials of different line departments have been trained. In 12 batches, 478 Agriculture Input Dealers have been trained through DAESI programme. In addition, 16 On-farm Testing in 22 acres, 58 Front Line Demonstrations in 195.70 hectares, 113 method demonstrations, 37 field

days, 699 field visits, 16 Bi-monthly workshops, 21 exhibitions were conducted. 490 short messages were sent to 203510 farmers by all the KVKs. Put together all the KVKs have analyzed 3494 soil samples and 1532 water samples. ATIC and KVK's provided consultancy to 18464 farmers, produced and sold 36.41 quintals of seeds and 76680 saplings. Skill Development programmes of 25 days sponsored by ASCI and 6 days duration training programmes sponsored by MANAGE were also conducted at KVKs. One year Diploma in Agriculture (214 students), Certificate Course on Organic Farming (30 students), Integrated Farming System (31 students), Post Graduate Diploma in Agriculture (14 students), Post Graduate Diploma in Agricultural Extension (103 students) were organized by Distance Education Unit. Six Bakery Technology /Product Commercial Baking Course, 05 Certificate course, 04 Summer Special course and 39 orientation programmes were organised by Bakery Training Unit. The University of Agricultural Sciences, Bangalore organized Krishimela from 24-27 October, 2019 at GKVK, Bangalore with the theme 'Precision Farming for Sustainable Development' in collaboration with Development Departments of GoK, Farm Universities, ICAR Institutes and Private & Public Sector Organizations wherein nearly 14.5 lakhs of people participated

Photographs depicting activities:



Hon'ble Prime Minister inaugurating I-STEM portal during 107th ISC at GKVK



Hon'ble Chief Minister releasing technologies at GKVK during Krishimela-2019



Cowpea variety PGCP 6 released during 2019



Sugarcane variety COVC 16062 released during 2019

UNIVERSITY OF AGRICULTURAL SCIENCES, DHARWAD

College of Agriculture, Dharwad established in 1947 was elevated to the status University to cater to the needs of farming community of northern Karnataka covering 28% of the geographical area, 27% of total cultivated area and 14% of the irrigated area in the State. The University has tri-fold functions of teaching, research and extension in the field of agriculture and allied sciences. UASD has been adjudged as the best Agricultural University in the country and conferred with the “Sardar Patel Outstanding ICAR Institution Award for the year 2000” by the Indian Council of Agricultural Research (ICAR), New Delhi. UAS, Dharwad research headquarter based at Dharwad comprising one Regional Research Station at Vijayapur and 28 Agriculture Research Stations spread over different agro climatic zones of 7 districts of North Karnataka. Twenty four All India Co-ordinated Research Projects on sorghum, wheat, pearl millet, maize, rice, groundnut, soybean, safflower, sesmum & niger, cotton, sugarcane, tobacco, bioenergy, water management, rural home science had responded most dynamically to the needs, challenges and opportunities of state agriculture and adjusted its mandate, plans and programmes accordingly.

Mission:

The mission of the University is to provide leadership in teaching, research and extension related to agriculture and allied sciences. The University has been making efforts to keep pace with new frontiers of science and contemporary developments to be socially, economically and technically relevant. The University is strongly committed to develop the needed excellent manpower and useful technologies and their dissemination to serve the farming community of the State, in general, and the University jurisdiction, in particular.

Brief Annual Report 2019-20

Teaching achievements:

- A total of 1228 students have been admitted to degree, post graduate and Ph.D programmes and diploma in the University including 20 foreign students. The student strength of the University is 3844.
- UAS, Dharwad stands 1st among the Agricultural Universities of the state and is 16th at the National Level.
- UAS, Dharwad is ranked 83rd among all the universities of the country as decided by the NIRF.

Research achievements:

- University has developed 3 [Hybrid Bajra (VPMH-7), Bengalgram (DBGV-204), Sugarcane (SNK 09211) varieties and crop production, protection and other related technologies during the year 2019 for the benefit of farming community.
- Nine Rashtriya Krishi Vikas Yojana research projects with project outlay of Rs. 9.75 crores were sanctioned and are in progress.
- A total of 5 externally funded projects worth Rs. 211.44 lakhs were sanctioned and are in progress.

- A total of 41,700 quintals of cereals, pulse and oilseeds produced and distributed to farmers during 2019-20.
- Soil Health protection and World Soil Day and National Farmers Day were held on 05.12.2019 and 23.12.2019 respectively in KVK's and distributed soil health card to the farmers.

Extension achievement:

- UAS, Dharwad organized a mega Krishi mela from January 18-20th, 2020 with the theme of "Per drop more crop". In this mela more than 5.10 lakh farmers, farm womens and extension workers were attended.
- DEASI diploma certificates after the training were distributed to 920 farm inputs distributors by SAMETI in 23 centres of Northern Karnataka.
- Raita Chetana Vahini gave technological solution for 1760 famers over phone (Toll free help line). Further, village youth were imported for technical training under STRY (Skill Training for Rural Youth) programme.
- Management of COVID-19 with district administration
 1. Equipment required for COVID-19 testing lab have been handed over to Deputy Commissioner, Dharwad.
 2. A testing center to screen migrant labours coming from other states has been established at UAS, Dharwad campus.
 3. Forty personal of UAS, Dharwad have been deputed for house to house monitoring of COVID-19.

Financial Achievement:

- Till the end of March 2020 a total of Rs. 21717.00 lakhs were earmarked for agricultural Education, Research, Extension and other developmental activities have been spent and achieved the target.

UNIVERSITY OF AGRICULTURAL SCIENCES RAICHUR

Brief annual report for the year 2019-20

Education

Academic Programmes

The University has four colleges, with a territorial jurisdiction of 6 districts of Kalyana-Karnataka region to carry out the mandated education in the area of Agricultural and allied sciences. Presently, the University offers two Bachelor degree programmes – B.Sc. (Agriculture), B.Tech. (Agri. Engineering), Masters Degree programmes in 16 disciplines and Ph.D. programme in 15 disciplines. The academic programmes are offered under semester system with English as medium of instruction. Two year diploma in Agriculture and Agriculture Engineering are being offered under semester system in Kannada medium.

During the academic year admitted 425 students of which 221 were boys and 156 were girls B. Sc (Agri) and 41 boys and 25 girls of B. Tech. The total number of students on Roll was 1323 of which 821 were boys and 502 were girls.

During academic year admitted 141 students of which for the Master's 110 students and Doctoral degree 31 students. For diploma course 109 students were admitted.

UASR merit scholarships, UASR general scholarships during their residential period of study. For the academic year 63 students received UASR merit scholarships, 59 students received UASR general scholarships. 49 Post Graduate students received UASR merit scholarships and 161 students received incentive award and 17 doctoral students received UASR merit scholarships and 40 students received incentive award.

University of Agricultural Sciences, Raichur under SCSP/TSP during 2019-20 total 277 UG/PG/Ph. D students were benefited with zero mess bill facilities and distributed 86 Laptops for SC/ST students and also distributed annual contingency of Rs. 5,000/- per student for UG, Rs. 10,000/- for PG and Rs. 15,000/- for Ph.D.

Financial support was given for state educational exposure visit of 49 UG SC/ST students and also for all India educational Tour of final year 62 SC/ST UG students.

Financial support for 43 PG students, 12 Ph. D students to attending National conference on "Role of Agricultural Engineering Innovations in doubling farmer's income" which was held on 12th to 14th march, 2020 at College of Agriculture Engineering , Raichur. Training cum personality development programmes conducted for 287 UG/PG/ Ph D students of all colleges which come under UAS, Raichur.

Research

The University of Agricultural Sciences, Raichur, covers about 22% of the geographical, about 31% of total cultivated and about 20% of the irrigated area in the state, spreading across six districts of North Eastern Karnataka. A number of agricultural, horticultural and plantation crops and livestock represent the rich heritage of the area. There are three major irrigation projects, viz., Tungabhadra, Upper Krishna and Karanja which provide irrigation to about 12 lakh ha accounting for 18 % of the total cultivated area. The region is endowed with a variety of climate, soils and crops. The University covers three Agro-climatic Zones, viz., North Eastern Transitional Zone, North Eastern Dry Zone and Northern Dry Zone. The research needs of the farmers are catered through 13 Agricultural Research Stations located in these diverse agro-ecosystems of University with 18 All India Coordinated Research Projects (AICRP) and 15 externally funded ad hoc Projects. The support for ad hoc research projects was received by the World Bank aided NAIP, BARC, ICAR, DST, DBT, GOK and other national and international agencies.

- The Research activities of the University mainly focused on crop production, crop improvement, plant protection aspects for adoption of the farming community for overall increase in productivity and horticultural production besides solving location specific problems.
- A total of 35 new farm trails have been recommended for final validation in farmer's field during 2019-20 which includes 6 in Genetics and plant breeding, 8 in Agronomy, 12 in Agriculture Entomology, three each from Plant Pathology and Seed Science and Technology, one each from Agricultural Microbiology, Crop Physiology Soil and Water Engineering. Further 10 farm trials proposed in 2018-19 are continued during 2019-20.
- During 2019-20, nine RKVY-RAFTAAR Projects worth of Rs. 11.29 crores, and total externally funded projects 114 testing projects and 21 UAS funded projects are in operation for the benefit of farming community.
- The University has undertaken testing of 114 new varieties /hybrids/ chemicals/molecules and generated revenue of 174 lakhs.
- Totally 40 technologies were accepted for package of practice comprising 19 in crop production, 8 in crop protection and 3 in horticulture and 8 in Agricultural Engineering technologies were released for large scale adoption.
- A total of 8 new MOU's have signed with different institutions for conducting collaborative research of Mutual interest.
- The university has carried out 433 experiments in crop production, crop protection and Agricultural Engineering ,Post harvest technology and value addition and engineering

- UAS, Raichur has identified paddy variety: RPbio-226, Bajra variety:MBP-2 and Cotton variety: BDGHH-697 in previous year and six new varieties/hybrids in paddy, maize, pigeonpea, chickpea, cotton and chilli are proposed for release in 2019-20.
- During the year 2019-20, a total of 10,664 quintals of seeds have been produced / procured (3103 quintals of pigeonpea seeds, 2.70 quintals of blackgram Seeds, 2974 quintals of paddy seeds, 15 quintals of maize, 390 quintals of soybean, 138 quintals of groundnut, 4.35 quintals of sunflower, 107.23 quintals of millets, 3330 quintals of bengal gram, 386 quintals of sorghum, 105 quintals of safflower, 15 quintals of sunhemp, 75 quintals of wheat) by the seed unit of UAS, Raichur.

Extension

Major activities of Directorate of Extension are assessment, refinement and demonstration of technologies/products through a network of seven Krishi Vignana Kendras (KVKs) and four Agricultural Extension Education Centres (AEECs). It also conducts extension education programmes in coordination with lead departments for improvement of agriculture and allied branches through various extension mechanisms.

- The Directorate of Extension, UAS, Raichur is playing a key role in transferring of technology in the field of Agriculture and allied technology interventions developed at the Research Stations to the farmers' field. This noble activity facilitates in bridging the identified technological gaps existing between the farmers and Research Stations. At present the University has seven Krishi Vigyan Kendras and six Agricultural Extension Education Centres which are working at the grassroots level for transfer of technologies of farming community.
- The extension activities KVKs and AEECs resulted in spread of Direct Seeded Rice (DSR) technology over an area of 87200 ha and transplanting technology in Redgram in an area of 4000 ha.
- Mass campaigning on the management of Pink Boll Worm in cotton was done in collaboration with Department of Agriculture in the entire KK region which benefitted 1.5 lakh farmers.
- Horizontal spread of Pulse Magic in an area of 6000 ha and popularization and spread of Greengram variety BGS-9 in an area of 2300 ha in Bidar district
- Nipping technology in Redgram has spread over an area of 4000 ha in Kalaburagi district and conducted frontline demonstrations (FLD) on different crops in 847 ha, and thereby motivated about 2341 farmers to adopt leading farm technologies.
- Soil Testing Laboratories of KVKs has analyzed 4688 soil samples and 2082 water samples from the farmers' field. Given training to all line department staff,

demonstrations workshops, providing information for farmers through All India radio and television.

- University technologies are disseminated through KVKs and AEECs 30000 Mobile SMS and 2,50,000 Whats App messages were gave by the scientists to disseminate the technology to the farming community
- disseminating the technologies related to management of animal diseases with the collaboration of animal husbandry department and BAIF.
- The University is providing technology backstop to all 162 Raitha Samparka Kendras (RSKs) of Karnataka State Department of Agriculture under “One RSK- One Scientist” programme by deputing one Scientist to one RSK as “Contact Scientist”. During the period each contact scientist visited the RSKs on an average 6-7 times and provided the required technology/information.
- University of agriculture sciences raichur publication centre is facilitating in disseminating new technologies and innovations through Krishi Pradeepike (Quarterly) magazine since from 2009 published by UAS, Raichur and distributed all over Karnataka and having 1776 subscribers.

UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIVAMOGA

BRIEF ANNUAL REPORT: 2019-20

EDUCATION

- Totally 433 students have been admitted for the Under Graduate Degree Programmes at different campuses viz., Shivamogga, Hiriya, Mudigere and Ponnampet, 107 students for PG programmes at Shivamogga, Mudigere and Ponnampet, and 74 for Diploma (Agri.) at Kathalagere and Brahmavar.
- New Post Graduate degree programs viz., M.Sc. (Forestry) in Natural Resource Management and Ph.D. in Silviculture and Agroforestry have been started from the academic year 2019-20 at College of Forestry, Ponnampet.
- Our ICAR AUs ranking has gone up from **51 to 21st position 2018-19, and university stood 2nd rank at state level.**
- During the present 5th convocation, (29-02-2020) 245 Undergraduate Students (B.Sc. Agri., Hort. & Forestry), 86 Masters degree Students and 13 Ph.D students are being awarded with their degrees in Agriculture, Horticulture and Forestry. Out of these, 7 B.Sc. Students are being awarded with 13 gold medals, 8 M.Sc. students with 8 gold medals and 4 Ph.D. students with 5 gold medals, with a total of 26 gold medals shared by 19 students.
- Kumari Shweta S., II B.Sc (Forestry) participated in Youth Exchange Programme-2019 which was held from June 30th to July 10th , 2019 in China she was the only student to have represented from India.
- Ms. Vidyashree, A. S., Department of Agricultural Entomology, CoA, Shivamogga has been awarded ICAR Jawaharlal Nehru Best Thesis Award in the year 2019 at National level for her outstanding contribution.
- **Conferences:** The Post Graduate Research Conference - 2019 was organized as a platform to kindle interest among young scientists on 20th May 2019. National Conference on “Agricultural Science in Indian Ancient Literature” on 28th and 29th December, 2019. National Conference on Sustainable Natural Resources Management: An Engineering Perspective was organised at College of Forestry, Ponnampet on 28th and 29th, January, 2020. National Conference on Sustainable Natural Resources Management: An Engineering Perspective was organised at College of Forestry, Ponnampet on 28th and 29th, January, 2020.
- National Training on Impact of climate change on emerging nematode problems in protected cultivation, horticulture nurseries and their Management from February, 04th - 08th, 2020. five days training programme on “Climate Change: Impact Assessment and Adaptation through Climate Resilient Agro-Techniques in Agriculture and Allied Sectors” from 13th to 17th January, 2020 at

Shivamogga College of Agriculture, Shivamogga organized 10 days programme from February 20th to 29th, 2020 on Plant Growth Promoting Rhizomicrobial Research.

Awards and Recognitions

- Dr. Lakshmana, Professor of Horticulture, AHRS, Ullal was conferred with IASR Excellence Award by the International Academy of Science and Research Kolkata on 29th July 2019.
- Dr. Jyoti M. Rathod, Scientist (Home Science), received "Sardar Patel Global Award" on 20th October 2019, Best Extension Scientist Award-2019 from Uttarakhand on 1st - 2nd December, 2019
- Dr. Jayalaxmi Narayan Hegde, Professor has been awarded with NESAFellowship of the Year Award - 2019 by National Environmental Science Academy, New Delhi on 19-12-2019.
- Dr. M.K. Naik, Hon'ble Vice Chancellor, UAHS, Shivamogga has been awarded with B.B. Mundkur Memorial Award 2019, during 7th International Conference on Phytopathology held at ICAR-IARI New Delhi from 16th to 20th January 2020.

Foreign visits

- Dr. C.G Kusalappa, Dean Forestry, College of Forestry, Ponnampet has participated in the Fourth World Agroforestry Congress which was held from 20th to 22nd May 2019 at France.
- Dr. Gangaprasad, S, Professor & Head, Department of Genetics and Plant Breeding, CoA, Shivamogga attended a short course on "Plant Breeders' rights for food security and economic development" at Wageningen University, Netherlands from 17.06.2019 to 28.06.2019. He is also awarded with Orange Knowledge Fellowship by Government of Netherlands to attend this short course
- Dr. Narayan S. Mavarkar, Professor of Agronomy, Dr. Thippesh, D, Professor of Horticulture, Dr. Thippeshappa G.N, Professor of Soil science and Agril. Chemistry, Dr. M.S. Nandish, Assistant professor of Microbiology and Dr. Ganapathi, Assistant Professor of Soil science and Agril. Chemistry participated in the First International Conference on Food, Agriculture and Innovation held at Bangkok, Pattaya Thailand from 19th to 23rd June – 2019.
- Dr. N.E. Naveen, Scientist (Agronomy) ICAR- Krishi Vigyana Kendra, Brahmavar participated and presented a paper in the 27th APWSS International Conference which was held from 3rd to 6th September 2019 at Kuching Sarawak, Malaysia

RESEARCH

- **Technologies developed (Recommended/Released)**
 - Variety release proposals: During the year a High Yielding Rice variety Sahyadri Kaveri resistant to leaf and neck blast, suitable for Midland situation during kharif for Zone-9 and Cowpea Variety Sahyadri Yukthi (UAHS-28), suitable for late *kharif* and

summer season for southern transitional zone have been recommended. Another Groundnut variety Dh 256 tolerant to leaf spot and rust diseases has been endorsed for kharif season for Zone- 4.

- Proposals for Package of Practices/Farm Trials : Fifteen technologies pertaining to crop improvement, Crop Production, Crop Protection, Mechanization, Horticulture crops for inclusion in the package of practices and ten technologies for the Farm Trials to test them in farmers fields.
- **Research Projects**
 - During the year under report, a grant of ₹.779.96 lakhs was mobilized under externally funded projects for implementing 202 research projects from Government and other Non Governmental funding agencies.
 - Forty six New Research programmes (₹. 233.00 lakhs) and Nineteen Continued Research programmes (₹.93.00 lakhs) received from Government of Karnataka are under progress.
 - Four Centres of Excellence have been initiated in the University campus at Shivamogga
 - The project funded by GoK on Zero Budget Natural Farming (ZBNF), to undertake evaluation of low-input, climate-resilient type of farming using locally-sourced inputs, encouraging natural farming, is initiated by Karnataka State Department of Agriculture in partnership with Universities.
 - University has got the Patent number from Government of India for Mini Hand Operated Groundnut Sheller developed by Zonal Agriculture and Horticulture Research Station, Hiriya.
 - The coffee spreaders and rakers developed by the University is becoming popular among coffee growers in Mudigere and Coorg regions of Coffee belts.
 - During the year, 10272.03 q seed production has been taken up which includes seeds of 10016.57 cereals, 86.96 q pulses and 168.50 q of oil seed crops. The University is having seed production target of 16325q
 - Organic Farming Research Centre has produced 145.64 q of bio fertilizer and bio control agents to distribute to farmers for encouraging eco-friendly farming and earned an income of Rs. 14,58,900 and has also sold 1,270 kgs of Honey through the honey processing unit. All the products of the University are being sold under the **Sahyadri Brand Name.**
- University has evaluated/tested 20 new chemicals/ molecules for the control of pests/ diseases/ weeds, growth regulators and agricultural equipments and generated revenue of ₹ 38.00 lakhs.
- Cashew Nursery of Agricultural and Horticultural Research Station, Ullal, Mudigere and Bavikere have been accredited by DCCD, Cochin, Kerala. Ullal Cashew Nursery

has been accredited with three stars and Mudigere and Bavikere Cashew nursery with four Stars.

- Our Scientist in collaboration with Karnataka Forest Department have undertaken whole tree transplanting of 23 native tree species from Western Ghats at the New Iruvakkai Campus to avoid tree felling and encourage afforestation. The move has been hailed by the public and the citizens around the campus.
- **AICRP projects**
 - All India Coordinated Research Projects viz., Rice at Ponnampet and Brahmavar, Farming Systems Research at Kathalagere, Cardamom at Mudigere, Palms (Areca nut) at Bavikere and Honnavile, AINRP on Tobacco at Shivamogga, AINRP on Onion and Garlic at Hiriyur, AICRP on Agro-Forestry at Ponnampet, AICRP on Millets at Hiriyur, AICRP on Maize at Kathalagere are in operation.

EXTENSION

- Farmers Interaction cum Field Day-2019: University of Agricultural & Horticultural Sciences, Shivamogga was organized seminar on “Agriculture Technology for Mitigating Flood and Drought” is being organized on 06th November-2019
- Annual Zonal Review Workshop of KVK’s: Annual Review workshop of KVKs of Zone XI was held at KVK Mudigere on 14th to 16th of May, 2019.
- ICAR- ATARI Bengaluru has recognized two farm innovators from Karnataka State i.e., Dr.Vivek,-(Pepper) from KVK, Mudigere (Chikmagalur District) and Mr. Karibasappa-(Solar trap) from TKVK, Davanagere and nominated to present their technologies in Farm Innovators Meet at Pusa, New Delhi on 16-17th July-2019 which was organized on the occasion of ICAR- Foundation Day.
- **Soil and WATER samples analyzed**

Sample Details	No. of Samples analyzed	No. of Farmers benefited	Amount realized (Rs.)
Soil	8,277	8,134	4,13,850
Water	2,129	1,499	2,12,900
Total	11,742	9,633	6,26,750

- **“Raitha Nadi App”**: The Newly released “Raitha Nadi App”. It is very useful for stake holders such as farmers, students, entrepreneurs and public. It consists of Agriculture (Maize and Paddy). Horticulture (Areca and Cashew) Forestry (Sandalwood and Bharmha Bamboo). Fisheries and Animal Husbandry menu describing comprehensively the required information on agricultural and horticultural crops, forestry, animal husbandry and fisheries activities. It is also provided with the facility of chatting and conversations of farmers with University experts to clarify the

doubts about crops and animal husbandry. It is decided to add more crops, agricultural and equipments to this App in future.

• **GoK plan grants for the year 2019-20:**

- Demonstration Cum training for farmers of coastal district on coconut dried fronds for compost and Vermi compost production: (3 trainings programmes were organised
- Popularization of Areca Waste Decomposition (Husk/Leaf/Leaf Sheath) for Value Added Compost: Demonistartion is underprogress in farmers filed
- Demonstration cum training on Production of different quality carps and colour fish fingerlings in indoor rearing system:
- Promotion of Short duration finger millet variety ML-365 as contingent crop:
- Demonstration of Rubber based cropping system with cocoa, coffee and pepper:
- Establishment of mother block unit for the production of quality planting material at KVK, Mudigere:
- Establishment of crop technology and IFS demonstrations units in farmers fields in participatory mode:

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