

MANDATE

- Basic and applied research for sustainable and climate resilient agriculture in rainfed areas.
- Co-ordinate network research for generating location-specific technologies in rainfed areas.
- Centre for capacity enhancement in natural resource management in drylands.

MISSION

Ensuring enhanced growth and sustainability of rainfed agriculture through the application of basic and strategic research outcomes combined with institutional and policy innovations.

VISION

Sustainable production systems in rainfed regions for enhanced income and livelihood security to farmers and landless.

SIGNIFICANT ACHIEVEMENTS

- District level contingency plans for managing aberrant weather conditions for about 600 districts have been prepared.
- Agro-ecological region specific rainfed technology packages developed.
- Agroclimatic characterisation and delineation of areas suitable for different crops/cropping systems in rainfed regions and assessment of drought probabilities.
- Pioneered in model watershed, livelihood and small farm mechanization programmes.
- District level vulnerability atlas to climate change and rainfed areas prioritised.
- Value added agrometeorological advisory services (www.cropweatheroutlook.in) and district-wise crop contingency strategies for monsoon aberrations.
- Release of two improved dual purpose horse gram varieties (CRIDA 18R and CRGH 04) for cultivation in peninsular India.
- Transgenic sorghum for enhanced drought tolerance, identification and K-636 variety of *Leucaena* for industrial biomass production.

LOCATIONS OF REGIONAL STATIONS

Nil

FIVE BEST TECHNOLOGIES/PRODUCTS

- Packaging of farm pond technology for water harvesting and re-use
- In-situ moisture conservation through BBF, ridge and furrow planter.
- Atlas on vulnerability of Indian agriculture to climate change and prioritization of rainfed areas in the country.
- District wise crop contingency planning for monsoon aberration
- CRIDA precision planter-cum-herbicide applicator and ridger planter.
- Slasher cum shredder for recycling crop residues

NEW INITIATIVES

- Technical backstopping to the on-going National Mission on Sustainable Agriculture
- Validation and operationalization of District Contingency Plans

COLLABORATIVE PARTNERS

CRIDA has established strong linkages with national and international organization like ACIAR, UNDP, ICRISAT, DFID, CSIR institutes, SAUs, DST, DBT, IMD, NRSC, DAC, state line departments, ICAR institutes etc.

FLAGSHIP PROGRAMMES

- Development of region specific water harvesting technologies for providing supplemental irrigation to rainfed crops
- Dryland crop mechanization with focus on enhanced adoption of resource conservation technologies

THRUST AREAS FOR XII PLAN

- Continue to address critical problems of rainfed agriculture through basic and strategic research using frontier tools
- Promote cost-effective water harvesting and recycling technologies for supplemental irrigation and drought-proofing of rainfed crops
- Application of biotechnological tools for inducing drought tolerance in rainfed crops and enhancing input use efficiency
- Undertake action research to evolve innovations in technology dissemination and up-scaling for enhancing livelihood security

- Carry out impact assessment of technologies and suggest policy reforms for better adoption of technologies in rainfed agriculture

EXTERNALLY FUNDED PROJECTS/CONSULTANCY

Foreign aided projects: 0
Other sponsored projects: 8
Consultancy: 4

STAFF STRENGTH

	Sanctioned	Filled	Vacant	% vacant
Scientific	67	60	07	10.4
Technical	70	52	18	25.7
Administrative	50	30	20	40.0
Supporting	55	25	30	54.5
Total	242	167	75	31.0

QRT

Period : 2006 to 2010

Chairman: Dr. H. P. Singh

Next QRT due for: 2011 to 2015

RAC

Period: 26.12.2012 to 25.12.2015

Chairman: Dr. M.C. Saxena

Next RAC due for: 26.12.2015 to 25.12.2018

IMC

Period: 12.10.2011 to 11.10.2014.

Chairman: Drs. Venkateswarlu, B., Maheswari, M., Srinivasa Rao, Ch.

Next IMC due for: 2014-2017

RFD COMPOSITE SCORE FOR 4 YEARS

Year	2011-12	2012-13	2013-14	2014-15
Score	90.72	93.3	96.6	96.59

STATUS OF ISO 9001

The Institute has obtained ISO 9001: 2008 certification from Bureau of Indian Standards and is valid up to August 2017.

PUBLICATIONS (PREVIOUS YEAR)

No. of papers in NAAS rated journals:

- (a) No. of paper in score < 6: 51
(b) No. of papers in score > 6: 43
Per scientist per year papers: 1.5

FINANCIAL OUTLAY (Main Institute) (Rs. in lakh)

	XI Plan actual utilization	XII Plan actual utilization (3 years)	Last year budget		
			RE 2015-16	Actual expenditure	% utilization
Plan	1088.55	664.19	738.00	737.98	100
Non-plan	7803.25	10122.49	4069.60	4069.48	100
Total	8891.80	10786.68	4807.60	4807.46	100

FINANCIAL OUTLAY (AICRP- DA) (Rs. in lakh)

	XI Plant actual utilization	XII Plant actual utilization (3 years)	Last year budget		
			RE 2015-16	Actual expenditure	% utilization
Plan	8135.00	4926.46	2571.83	2560.98	99.58
Non-plan	151.08	115.21	48.00	46.86	97.63
Total	8286.08	5041.67	2619.83	2607.84	98.60

FINANCIAL OUTLAY (AICRP-AM) (Rs. in lakh)

	XI Plant actual utilization	XII Plant actual utilization (3 years)	Last year budget		
			RE 2015-16	Actual expenditure	% utilization
Plan	1905.00	1633.10	765.81	656.06	85.66
Non-plan	219.23	156.06	56.00	55.99	99.98
Total	2124.23	1789.16	821.81	712.05	92.82

FINANCIAL OUTLAY (Institute+AICRPs)(Rs. in lakh)

	XI Plant actual utilization	XII Plant actual utilization (3 years)	Last year budget		
			RE 2015-16	Actual expenditure	% utilization
Plan	11128.55	5590.65	4075.64	3955.02	97.04
Non-plan	8173.56	10393.76	4173.60	4172.33	99.97
Total	19302.11	15984.41	8249.24	8127.35	98.50

RESOURCE GENERATION FOR LAST 3 YEARS (RS. IN LAKHS)

2013-14	2014-15	2015-16
60.64	58.92	67.11

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