

Information on Research Station (As on 31/05/2018)

Name of the centre	Agricultural Research Station, NAU, Tanchha
Year of establishment	1959
Mandate of the centre	<ul style="list-style-type: none"> ➤ To test and evaluate high yielding, early maturing, good grain quality, pest and disease resistant varieties of wheat, sorghum and pulses. ➤ Development of agro- production technology for the wheat, sorghum and pulse crops and its cropping system. ➤ Seed production and distribution of improved varieties of wheat, sorghum and pulse crops ➤ To carry out demonstrations of improved technology under SSNNL, Gandhinagar funded project. ➤ To conduct training program for farmers.

Details of land at the centre (ha)

Cultivated	Irrigated	Non-irrigated	Area under Infrastructure	Total
16.50	4.00	12.50	2.92	19.42

Details of Scheme (2017-18)

Funding agency	Title of Scheme/Project	Budget Head	Name of PI	Year of Starting
Plan	Strengthening research in Sorghum	12006	Dr. Ved Prakash Rai	1986
	Genetic enhancement of niche crop of South Gujarat region through conventional and bio-technological approaches	12946-A	Dr. Ved Prakash Rai	
Non-Plan	Research in wheat	5004	Dr. Ved Prakash Rai	1969
	Research in Sorghum	5006	Dr. Ved Prakash Rai	1953
	Research in pulses	5007	Dr. Ved Prakash Rai	1959
Other Agency	Establishment of Agricultural Research Station under sardar sarovar project command area	18023-11	Dr. Ved Prakash Rai	2002
	Development of functional markers linked to fragrance in indigenous aromatic rice landraces	18128	Dr. Ved Prakash Rai	2015-2018

Detail of manpower at centre (31/03/2018)

Funding agency	Title of Scheme/Project	Name of employee	Designation	Pay Scale	B.H
Plan	Strengthening research in Sorghum	Dr. Ved Prakash Rai	Assistant Research Scientist	15600-39100	12006
	Genetic enhancement of niche crop of South Gujarat region through conventional and bio-technological approaches	Nil	-	-	-
Non-Plan	Research in wheat	Mr. Ankit Gadhiya	Agriculture Officer	38090	5004
		Mr. M R Patel	Agriculture Assistant	9300-34800	
	Research in Sorghum	Mr. Asif Dal	Agriculture Assistant	19950	5006
	Research in pulses	Mr. R C Patel	Agriculture Assistant	9300-34800	5007
		Mr. V M Thakor	Sr. Clerk		
		Mr. D K Patel	Peon		
Other Agency	Establishment of Agricultural Research Station under sardar sarovar project command area	-	SRF	25000+HRA	18023-11
		-	Ag Asstt.	10000 fix	
		Mr Sagar Bariya	Ag. Asstt.	10000 fix	
	Development of functional markers linked to fragrance in indigenous aromatic rice landraces	Dr. Sarnam Singh	JRF	25000+HRA	18128

Scheme wise detail of experiments (2017-18)

Funding agency	B.H	Season	Title of experiments
Plan	12006	<i>Rabi</i> (5)	1. Initial Advance Hybrid Trial on sorghum
			2. Initial Advance Varietal Trial on sorghum
			3. Large Scale Varietal Trial on sorghum
			4. Small Scale Varietal Trial on sorghum
			5. Primary Evaluation Trial on sorghum
	12946-A	<i>Rabi</i> (1)	1. Chick pea breeding trial
Non-Plan	5004	<i>Rabi</i> (3)	1. National Initial Varietal Trial-5B on wheat
			2. Large Scale Trial on wheat
			3. Small Scale Trial Set-I on wheat
	5006	<i>Rabi</i> (2)	1. New Germplasm
			2. Old Germplasm
	5007	<i>Rabi</i> (2)	1. Large Scale Varietal Trial on chick pea
2. Small Scale Varietal Trial on chick pea			
Other Agency	18023-11	<i>Kharif</i> (4)	1. Demonstration on cotton
			2. Demonstration on castor
			3. Demonstration on pigeon pea
			4. Demonstration on water melon
			5. Demonstration to Farmer = 45
		<i>Rabi</i> (3)	1. Demonstration on wheat
			2. Demonstration on green gram
			3. Demonstration on sweet corn
			4. Demonstration to Farmer = 40
	18128	<i>Kharif</i> (1)	1. Development of functional markers linked to fragrance in indigenous aromatic rice landraces

Infrastructure facilities available:

- Office building : 1
- Class-III quarter : 4
- Labour Quarter : 9
- Farm equipment : Plough, Rotary, Automatic seed and fertilizer driller, Sub soiler, Multi crop thresher, Hydraulic trailer, Cultivator, Brush cutter, Honda pump
- Farm Vehicle : (i) Tractor - 1 (ii) Mini tractor - 1 (iii) Bolero Jeep - 1 (iv) Motor cycle-2
- Irrigation facilities: Pond-1, Tube well-1 and Canal

Achievement:

List of technologies/material generated/Summary of technologies/materials generated

Technology	No
1. Variety	1
2. Recommendations	6

Name of Head of Office	Designation	Contact
Dr. Ved Prakash Rai	Assistant Research Scientist	Email. arstanchha@nau.in Phone no. 02641-238449 Mobile no. 80814 20089



Office Building



Farm gate



Sorghum experiment



Pigeon pea seed production plot



Demonstration of drip irrigation in maize under SSNNL, Gandhinagar funded project



Farmers visit at the center