

<b>Name of centre</b>	<b>Coastal Soil Salinity Research Station, Soil and Water Management Research Unit, Navsari</b>
<b>Year of Establishment</b>	1966
<b>Mandate of the centre</b>	<ul style="list-style-type: none"> <li>Breeding and screening of paddy varieties suitable for coastal salt affected soils</li> <li>Find out optimum fertilizer schedule and their method of application, optimum seed rate, crop geometry, date of sowing, number of irrigations under coastal salt affected soil</li> <li>Develop reclamation techniques for coastal salt affected soils</li> <li>Identify possibilities of introduction of new crops, suitable trees and grass species for coastal salt affected soils</li> <li>Find out suitability of saline water usage for irrigation purpose and develop appropriate water management technologies</li> </ul>

#### Details of land at the centre (ha.)

<b>Cultivated</b>	<b>Irrigated</b>	<b>Non-irrigated</b>	<b>Area under Infrastructure</b>	<b>Total</b>
8.30	3.00	5.30	3.17	11.47

#### Details of Scheme (2017-18)

<b>Funding Agency</b>	<b>Title of Scheme/Project</b>	<b>Budget Head</b>	<b>Name of PI</b>	<b>Year of Starting</b>
Plan GoG.	Strengthening paddy research at Umbharat	12003	Dr. V. P. Usadadia	1987
	Strengthening of salinity research at Danti-Umharat	12027	Dr. V. P. Usadadia	1987
Non Plan GoG	Project for research in paddy	5003	Dr. V. P. Usadadia	1976
	Project for research in agronomy and crop husbandry	5025	Dr. V. P. Usadadia	1971

#### Details of manpower at the centre (31/03/2018)

<b>Funding Agency</b>	<b>Name of employee</b>	<b>Designation</b>	<b>Pay scale</b>	<b>B.H.</b>
Plan	Dr. H. K. Joshi	Asstt. Res. Sci.	15600-39100	12003
	Prof. V. A. Patel	Asstt. Res. Sci.	15600-39100	12027
Non Plan	Dr. M. M. Patel	Asso. Res. Sci	15600-39100	5025
	G.R. Gaykvad	Agri. Assistant	55200 (7 <sup>th</sup> CPC)	5025
	Y.T.Vansiya	Agri. Assistant	55200 (7 <sup>th</sup> CPC)	5003
	Vipul Chaudhari	Agri. Assistant	19950 Fix	5003
	Pravin Gujjar	Agri. Assistant	19950 Fix	5025
ICAR	-	-	-	-
GOI	-	-	-	-
Other Agency	-	-	-	-

**Name wise detail of experiments (2017-18)**

<b>Funding Agency</b>	<b>B.H</b>	<b>Season</b>	<b>Title of experiment</b>
Plan	12027	<i>Kharif</i> -2017	Advance Varietal Trial-1 Coastal Saline Tolerant Variety Trial (AVT1-CSTVT)
	12027	<i>Kharif</i> -2017	Initial Varietal Trial - Coastal Saline Tolerant Variety Trial (IVT-CSTVT)
	12027	<i>Kharif</i> -2017	The Thirty-Seventh International Rice Soil Stress Nursery (IRSSTN-2017)
	12027	<i>Kharif</i> -2017	Induction of salt tolerance in rice through mutagenesis
	12003	<i>Kharif</i> -2017	Large Scale Varietal Trial-Salt- Station Trial-1(LSVT-Salt-ST-1) - Umbharat
	12003	<i>Kharif</i> -2017	Large Scale Varietal Trial-Salt-Station Trial-2 (LSVT-Salt-ST-2) - Umbharat
	12003	<i>Kharif</i> -2017	Small Scale Varietal Trial-Salt (SSVT-Salt) -Umbharat
	12003	<i>Kharif</i> -2017	District Trial (Salt) -Umbharat
	12003	<i>Kharif</i> -2017	Large Scale Varietal Trial-Salt- Station Trial-1(LSVT-Salt-ST-1) - Danti
	12003	<i>Kharif</i> -2017	Large Scale Varietal Trial-Salt-Station Trial-2 (LSVT-Salt-ST-2) - Danti
	12003	<i>Kharif</i> -2017	Small Scale Varietal Trial-Salt (SSVT-Salt) -Danti
	12003	<i>Kharif</i> -2017	District Trial (Salt) -Danti
Non Plan	5025	<i>Kharif-Rabi</i> 2017-18	Effect of gypsum and integrated nutrient management on <i>Kharif</i> rice and their residual effect on succeeding onion under partially reclaimed coastal salt affected soil
	5025	<i>Kharif</i> -2017	Integrated Management Trials-IMT (AL&ISTVT) (1 <sup>st</sup> sowing)
	5025	<i>Kharif-Rabi</i> 2017-18	Effect of organic manure on rice based cropping system under coastal salt affected soils
	5025	<i>Kharif</i> -2017	Integrated Management Trials-IMT (AL&ISTVT) (2 <sup>nd</sup> sowing)
	5025	<i>Kharif</i> -2017	Integrated nutrient management in <i>kharif</i> Okra under coastal areas of South Gujarat
	5025	<i>Rabi</i> -2017	Effect of land configuration, gypsum and integrated nutrient management on growth and yield of radish
	5003	<i>Kharif</i> -2017	Preliminary Evaluation Trial-Short Bold (PET-SB)
	5003	<i>Kharif</i> -2017	Preliminary Evaluation Trial-Medium Slender (PET-MS)
	5003	<i>Kharif</i> -2017	Preliminary Evaluation Trial-Aromatic Long Slender (PET-Aromatic LS)
	5003	<i>Kharif</i> -2017	Advanced Breeding Materials
ICAR	-	-	-

GOI	-	-	-
Other Agency	-	-	-

**Furnished the of list instrument working under metrological observatory**

- Rain gauge
- Pan evaporimeter
- Maximum and Minimum temperature thermometer
- Soil temperature meter

**Year wise achievements (Scheme wise):**

**Statement showing the information regarding the plan schemes**

<b>1.</b>	<b>Office Name</b>	:	Coastal Soil salinity Research Station, Soil and Water Management Research Unit, N.A.U., Navsari
<b>2.</b>	<b>Scheme Name</b>	:	Strengthening of Salinity Research
<b>3.</b>	<b>Plan / Non plan / ICAR</b>	:	Plan
<b>4.</b>	<b>Budget Head</b>	:	12027

<b>5.</b>	<b>Achievement</b>	<b>:</b>	<b>Achievement</b>		<b>Achievements</b>
	<b>Year</b>		<b>Name of Experiment</b>		
			<b>Proposed</b>	<b>Conducted</b>	
	2009-10		6	6	Cultivation of salicornia
	2010-11		6	6	Land configuration in wheat
	2011-12		6	6	Cultivation of <i>rabi</i> castor
	2012-13		5	5	-Drip irrigation in rabi castor - INM in onion
	2013-14		5	5	Irrigation management with aquaculture waste water
	2014-15		6	6	-
	2015-16		4	4	-Land configuration and nutrient management in sorghum
	2016-17		5	5	- Effect of Irrigation management on sugar beet varieties
	2017-18		5	5	- N & K requirement for beet root

**Project 2:**

1.	<b>Office Name</b>	:	Coastal Soil salinity Research Station, Soil and Water Management Research Unit, N.A.U., Navsari
2.	<b>Scheme Name</b>	:	Strengthening of Research in Paddy
3.	<b>Plan / Non plan / ICAR</b>	:	Plan
4.	<b>Budget Head</b>	:	12003
5.	<b>Achievement</b>	:	<b>Achievements (Only in numbers)</b>

Year	:	Name of Experiment		Name of variety released	Achievements
		Proposed	Conducted		
2004-05		4	4	-	Seed production of Dandi
2005-06		5	5	-	Seed production of Dandi
2006-07		5	5	NAUR-1	Seed production of Dandi
2007-08		4	4	-	Seed production programme of rice varieties
2008-09		4	4	-	-
2009-10		5	5	GNR-2	Seed production programme of rice varieties
2010-11		5	5	NAUR-1 (Aerobic)	Seed production programme of rice varieties
2011-12		5	5	-	Seed production programme of rice varieties
2012-13		5	5	GNR-3	Seed production programme of rice varieties
2013-14		5	5	GNR-4	Seed production programme of rice varieties
2014-15		6	6	-	Seed production programme of rice varieties
2015-16		7	7	GNR-5	Seed production programme of rice varieties
2016-17		8	8	GNR-7	Seed production programme of rice varieties
2017-18		8	8	GR-15	Seed production programme of rice varieties

**Statement showing the information regarding the non plan schemes**

**Project 3:**

<b>1. Office Name</b>	:	Coastal Soil salinity Research Station, Soil and Water Management Research Unit, N.A.U., Navsari
<b>2. Scheme Name</b>	:	Project for research in Paddy
<b>3. Plan / Non plan / ICAR</b>	:	Non Plan
<b>4. Budget Head</b>	:	5003
<b>5. Achievement</b>	:	<b>Achievements (Only in numbers)</b>

Year	:	Name of Experiment		Name of variety released	Achievements
		Proposed	Conducted		
2004-05		4	4	-	Seed production programme of rice varieties
2005-06		4	4	-	Seed production programme of rice varieties
2006-07		4	4	NAUR-1	Seed production programme of rice varieties
2007-08		5	4	-	Seed production programme of rice varieties
2008-09		4	4	-	Seed production programme of rice varieties
2009-10		4	4	GNR-2	Seed production programme of rice varieties
2010-11		4	4	GNR-3	Seed production programme of rice varieties
2011-12		4	4	-	Seed production programme of rice varieties
2012-13		5	5	GNR-4	Seed production programme of rice varieties
2013-14		4	4	Purna	Seed production programme of rice varieties
2014-15		4	4	-	Seed production programme of rice varieties
2015-16		2	2	-	Seed production programme of rice varieties
2016-17		2	2	-	Seed production programme of rice varieties
2017-18		3	3	-	Seed production programme of rice varieties

**Non Plan:  
Project 1:**

<b>1.</b>	<b>Office Name</b>	:	Coastal Soil salinity Research Station, Soil and Water Management Research Unit, N.A.U., Navsari
<b>2.</b>	<b>Scheme Name</b>	:	Project for Research in Agronomy and crop husbandry
<b>3.</b>	<b>Plan / Non plan / ICAR</b>	:	Non Plan
<b>4.</b>	<b>Budget Head</b>	:	5025
<b>10.</b>	<b>Achievement</b>	:	<b>Achievements (Only in numbers)</b>

	Year	:	Name of Experiment		Achievements
			Proposed	Conducted	
	2004-05		3	3	-
	2005-06		3	3	-
	2006-07		4	4	-
	2007-08		4	4	-
	2008-09		4	4	-
	2009-10		5	5	-
	2010-11		5	5	Land configuration in wheat
	2011-12		5	5	Fertilizer management in salicornia
	2012-13		5	5	Paddy- castor sequence with green manuring
	2013-14		5	5	Raised bed-sunkan bad with Paddy- wheat & brinjal-castor
	2014-15		3	3	-
	2015-16		3	3	Organic manuring in garlic
	2016-17		4	4	--
	2017-18		4	4	Nutrient management in Bt. cotton

