

**Cotton Research Sub-Station, N.A.U., Achhalia, Ta. Jhaghadia (Bharuch)**

**Research Activities**

**Cotton Research Farm:** Experiments, seed production programme and farm trials during the year kharif-2013

Sr. No.	Name of experiment /seed programme/ Farm trials	Year of expt.	Date of start	Name of Scientist	Progress of experieiment/seed programme/farm trials
<b>Breeding Trials</b>					
1	LSVT of promising G. herbaceam (open boll) cotton under different agroclimatic conditions	2013-14	14/06/2013	Dr. M. K. Gangani	Good Germination
2	MLT of promising G. herbaceam (open boll) cotton under different agroclimatic conditions	2013-14	14/06/2013	"	Good Germination
3	SSVT of promising G. herbaceam (open boll) cotton under different agroclimatic conditions	2013-14	14/06/2013	"	Good Germination
4	SSVT of G. hirsutum cotton	2013-14	21/06/2013	"	Good Germination
5	Testing of Bt cotton hybrids developed by SAU's under rainfed condition of Gujarat State	2013-14	21/06/2013	"	Good Germination
6	Study of intra-hirsutum hybrids under rainfed condition HH Set-II	2013-14	21/06/2013	"	Good Germination
7	Demonstration of different varieties of cotton	2013-14	15/06/2013	"	Good Germination
<b>Agronomical trials</b>					
8	Permanent small plot trial for studying the long effect of P2O5 in cotton G. Cot. Hy. -6 under irrigated condition	2013-14	28/06/2013	Dr. M. K. Gangani	Poor Germination
9	Evaluation of soil moisture conservation measures and fertility requirements for HDPS cotton var. GSHV-1338	2013-14	02/07/2013	"	
10	Standardization of plant population/planting geometry for cotton varieties under HPDS.	2013-14	02/7/2013	"	
<b>Seed production</b>					
1	Seed production of G. Cot. Hy.6, G. Cot. Hy.8 and G. Cot. Hy.12	2013-14	15/06/2013	"	
2	Sugarcane, Var. 99004 – T.F. (0.40 ha)	2013-14	Jan-2013 cutting	"	Ratoon
3	Turmeric, Var. NVST-1 – T.F. (0.40 ha)	2013-14	10/06/2013	"	Good Germination
4	Pigeonpea, Var. Vaishali - Certified (1.00 ha)	2013-14	01/07/2013	"	
5	Gum Guar, Var. GM-2 -T.F. (0.25 ha)	2013-14	Aug-2013	"	
6	Sunnhemp for Green Manuring (1.60 ha)	2013-14	Aug-2013	"	

**NARP Phase-II Farm:** Experiments, seed production programme and farm trials during the year kharif -2013

Sr. No.	Name of experiment /seed programme/ Farm trials	Year of expt.	Date of sowing	Name of Scientist	Progress of experieiment/seed programme/farm trials
<b>Breeding Trials</b>					
1	Multilocation trial to study the performance of different mango varieties and hybrids	2003	June, 2003	Dr. B. H. Kale Dr. M. K. Gangani	Good

**Paddy trials**

2	Large Scale Varietal Trial (Aerobic)	2013-14	14/06/2013	Dr. B. H. Kale Dr. M. K. Gangani	Good Germination
3	Large Scale Varietal Trial (Drilled)	2013-14	13/06/2013	"	"
4	Small Scale Varietal Trial (Drilled)	2013-14	14/06/2013	"	"
5	District Trial (Drilled)	2013-14	14/06/2013	"	"
6	Large Scale Varietal Trial (EE), Derol	2013-14	13/06/2013	"	"

**Sorghum trials**

7	Large Scale Varietal Trial (Early)	2013-14	27/06/2013	Dr. B. H. Kale Dr. M. K. Gangani	Good Germination
8	Large Scale Varietal Trial (Dual)	2013-14	27/06/2013	"	"
9	Small Scale Varietal Trial (Early)	2013-14	27/06/2013	"	"
10	Small Scale Varietal Trial (Dual)	2013-14	27/06/2013	"	"
11	Priliminary Evaluation Trial (ML)	2013-14	03/07/2013	"	"

**Agronomical Trial**

12	Evaluation effect of enriched banana pseudostem sap (foliar spray) on cotton	2013-14	17/06/2013	"	Good Germination
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**Other trials**

13	PG trial on Pigeonpea " Stability Analysis in Pigeonpea Hybrids"	2013-14	12/7/2013	PG Student	
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**Small Scale Nursery**

14	Mango seedling stock	2011	June, 2011	Dr. B. H. Kale Dr. M. K. Gangani	-
15	Seedling of Brinjal variety "Surati Ravaiya"	2013-14	Aug-2013	"	

**Seed production**

16	Sugarcane - 99004 (0.40 ha)	2013-14	Jan, 2013 Cutting	Dr. B. H. Kale Dr. M. K. Gangani	Ratoon
17	Turmeric - Sugandham (0.16 ha)	2013-14	10/06/2013	"	Good plant stand
18	Pigeonpea - GT-1 (Breeder - 0.30 ha)	2013-14	01/07/2013	"	Good Germination
19	Pigeonpea - GT-1 (T.F. - 0.90 ha)	2013-14	02/07/2013	"	"
20	Sorghum of GJ-38 (T.F.- 0.40 ha)	2013-14	Aug, 2013	"	-
21	Rice of IR-28 (T.F.- 0.14 ha)	2013-14	14/06/2013	"	Good Germination
22	Soybean of 9305 (T.F.- 0.18 ha)	2013-14	27/06/2013	"	"
23	Sunnhemp Local for green manuring (0.76 ha)	2013-14	July, 2013	"	"

27	Demonstration plot of Pigeonpea (0.025 ha)	2013-14	08/07/2013	"	"
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### Uchchhab Farm

Seed production programme taken during the year 2013-14

Sr. No.	Name of experiment /seed programme/ Farm trials	Year of experiment	Date of sowing	Name of Scientist	Progress of experiment/seed programme/farm trials
Seed production					
1	Sugarcane Var. 07072 (0.40 ha)	2013-14	Dec., 2012	Dr. M. K. Gangani	Good Germination
2	Paddy (IR-28 – 1.60 ha, Foundation to certified) (GR-5 – 0.50 ha, Truthful)	2013-14	19,21/06/2013	Dr. M. K. Gangani	Good Germination
3	Paddy (IR-28 – 0.50 ha, Breeder to Foundation)	2013-14	20/06/2013	Dr. M. K. Gangani	Good Germination
4	Pigeonpea (Vaishali – 6.30 ha, Foundation to Certified)	2013-14	25-27/06/2013	Dr. M. K. Gangani	Good Germination
5	Urdbean Var. GU-1 (T. F. - 0.50 ha)	2013-14	20/06/2013	Dr. M. K. Gangani	Good Germination
6	Soybean (9305 – 0.80 ha, TF)	2013-14	28/06/2013	Dr. M. K. Gangani	Good Germination
7	Sunnhemp (Local – 0.40 ha, TF)	2013-14	Aug., 2013	Dr. M. K. Gangani	