

AGRONOMY DIVISION

Information regarding different Trials conducted at Agronomy Division under State Agriculture Research Station, Arundhatinagar during Rabi-2014-15, Kharif-15-16.

State Composition Trial in Rabi-2014-15

- 1) Study of performance of Hybrid rice with low stickiness and high Yield potential, in both the system-SRI, Traditional.
- 2) Performance trials of Diff. Mustard cultivars in Diff. Nutrient management system.
- 3) Performance trials on Linseed under Diff. Management system.

D.R.R. Trials

- 1) Long term effect of Nutrient on SRI vis A vis Conventional flooded rice on soil fertility and sustainability in rice based cropping system.
- 2) Yield maximization of rice through site specific nutrient management (Special collaborative trial Agronomy, Soil science & IPNI).

Kharif -2015-16

- 1) Varietal performance trial on Jute & Mesta.
- 2) Nutrient management trial on sesame under upland rain fed condition of Tripura.
- 3) Trial on Foxtail Millet under diff. date of sowing and Nutrient Management.
- 4) Demonstration on Crop Cafeteria during Kharif-2015.
- 5) Trial on direct sowing rice under rain fed upland condition with diff. Nutrient management.

Plant Protection Unit

Information regarding different Trials of Pest Management Unit, S.A.R.S., A.D Nagar, for the Year 2014-2015

A. Plant Pathology Section.

Sl. No	Name of Trail.	Crop.	Variety	Year & Session	Crop Stage	Data Record	Remarks
1	Screening of major diseases of oil seed(Mustard) during Rabi 2014-15.	Mustard	PPS-1,Pitambari, Bhabani, YSH-401,NRCHB-101,HR-749,B-9 & Jhumka.	Rabi 2014-15	Harvested	Yes	Alternia leaf spot was observed during the later stage of crop growth. The disease pressure was recorded low to medium.
2	Evaluation of Fungicides against Major disease of Paddy.	Paddy	Naveen	-do-	Maximum Tillering stage.	--	No significance disease are observed.
3	Evaluation of Fungicides against major rice diseases of Tripura in low land condition.	Paddy	Rajlaxmi (H.B)	-do-	Booting stage.	--	No significance disease are observed.
4	Monitoring of diseases of Lentil.	Lentil	HUL-57,TL-8,TL-6 etc.	-do-	Harvested	--	No major diseases was observed.

B. Agricultural Entomology Section

Sl. No	Name of Trial.	Crop.	Variety.	Year & Season.	Crop Stage.	Data Record.	Remarks.
1	Screening of major insect pests of oil seed (Mustard) during Rabi 2014-15.	Mustard	PPS-1, Pitambari, Bhabani, YSH-401, NRCHB-101, HR-749, B-9 & Jhumka.	Rabi 2014-15	Harvested	Yes	Infestation of mustard aphid was observed and data recorded low to medium depending on variety.
2	Evaluation of insecticides against major insect pest of	Paddy	Rajlaxmi (H.B)	-do-	Tillering stage.	--	Low infestation.

	paddy.						
3	Monitoring of pest of Lentil.	Lentil	HUL-57, TL-8, TL-6, etc.	-do-	Harvested	--	No major pest was observed.