

On-Going Research projects during Kharif & Late kharif 2015-16

Sr. No.	Research projects	Research Stations
1. ONION		
PLANT GENETIC RESOURCES AND CROP IMPROVEMENT		
1	Collection, evaluation and utilization of onion germplasm	Nashik
2	Evaluation of onion lines for <i>kharif</i> season-IET	Nashik & Karnal
3	Evaluation of onion lines for <i>kharif</i> season-AVT-I	Nashik & Karnal
4	Evaluation of onion lines for <i>kharif</i> season-AVT-II	Nashik & Karnal
5	Evaluation of onion hybrid for <i>kharif</i> season-AVT-II	Nashik & Karnal
6	Evaluation of red onion collection for late <i>kharif</i> season	Nashik
7	To assess the performance of onion hybrids during late <i>kharif</i>	Nashik & Karnal
CROP PRODUCTION SYSTEM MANAGEMENT		
8	Efficacy of NPK fertilizers on growth, yield and quality of onion grown from bulblets in <i>kharif</i> season	Nashik & Karnal
9	Effect of different date of planting and integrated nutrient management on growth, yield and quality of <i>kharif</i> onion bulb production through sets	Karnal
10	Weed management studies in onion during <i>kharif</i> season	Nashik & Karnal
11	Demonstration of drip and sprinkler irrigation system in onion	Nashik
12	Effect of micronutrients application on <i>kharif</i> onion production	Nashik
13	Studies on morpho-physiological attributes in onion growing during <i>kharif</i> season	Nashik Karnal
14	Evaluation of integrated nutrient management for multiplier onion	Paljhar, Kombai
PLANT HEALTH MANAGEMENT		
15	Survey and monitoring of major diseases & pest of onion	Nashik & Karnal
16	Evaluation of different lines of onion for disease resistance- IET	Nashik & Karnal
17	Evaluation of different lines of onion for disease resistance- AVT-I	Nashik & Karnal
18	Evaluation of different lines of onion for disease resistance- AVT-II	Nashik & Karnal
19	Evaluation of onion hybrid lines for disease resistance- AVT-II	Nashik & Karnal
20	Screening of different onion lines for thrips resistance -IET	Nashik & Karnal
21	Screening of different onion lines for thrips resistance -AVT-I	Nashik & Karnal
22	Screening of different onion lines for thrips resistance -AVT-II	Nashik & Karnal
23	Screening of different onion hybrid lines for thrips resistance- AVT-II	Nashik & Karnal
24	Collection and identification of insect of onion, garlic and other vegetable crops	Nashik & Karnal
25	Effect of climate change on occurrence of foliar diseases and thrips of onion	Nashik & Karnal
26	Evaluation of fungicides and bio-pesticides for the management of foliar diseases of onion	Karnal
27	Evaluation of new molecules of mixed fungicides for the management of foliar diseases of onion	Nashik & Karnal

	2. GARLIC	
	PLANT GENETIC RESOURCES AND CROP IMPROVEMENT	
28	Evaluation of garlic for <i>Kharif</i> Season – IET	Nashik & Karnal
29	Evaluation of garlic for <i>Kharif</i> Season – AVT-I	Nashik & Karnal
30	Evaluation of garlic for <i>Kharif</i> Season – AVT-II	Nashik & Karnal
	PLANT HEALTH MANAGEMENT	
31	Evaluation of different lines of garlic for disease resistance- IET	Nashik & Karnal
32	Evaluation of different lines of garlic for disease resistance- AVT-I	Nashik & Karnal
33	Evaluation of different lines of garlic for disease resistance- AVT-II	Nashik & Karnal
34	Screening of different garlic lines for thrips resistance- IET	Nashik & Karnal
35	Screening of different garlic lines for thrips resistance- AVT-I	Nashik & Karnal
36	Screening of different garlic lines for thrips resistance- AVT-II	Nashik & Karnal
37	Survey and monitoring of major disease & pest of garlic	Nashik & Karnal
	3. CHILLI	
	PLANT GENETIC RESOURCES AND CROP IMPROVEMENT	
38	Evaluation of chilli hybrid AVT-II	Nashik
	PLANT HEALTH MANAGEMENT	
39	Effect of Different Sowing Dates on Insect Pest Population of Chillies (<i>Capsicum annuum</i> L.)	Karnal
	4. TOMATO	
	PLANT GENETIC RESOURCES AND CROP IMPROVEMENT	
40	Evaluation of tomato hybrid determinate AVT-II	Nashik & Karnal
	CROP PRODUCTION SYSTEM MANAGEMENT	
41	Response of tomato to foliar application of micronutrients	Nashik
	5. COWPEA	
	CROP PRODUCTION SYSTEM MANAGEMENT	
42	Integrated nutrient management in cowpea	Nashik & Karnal
43	Weed control in Cowpea during <i>kharif</i> season	Nashik & Karnal
44	Studies on effect of integrated weed management on quality and seed yield of vegetables (Cowpea)	Karnal
	6. OKRA	
	PLANT HEALTH MANAGEMENT	
45	Seasonal incidence of major insect pest in important vegetable crops	Nashik & Karnal