

## On-Going Research projects during rabi 2015-16

Sr. No.	Research projects	Research Stations
<b>1. ONION</b>		
<b>PLANT GENETIC RESOURCES AND CROP IMPROVEMENT</b>		
1.	Collection, Evaluation and Conservation of onion germplasm	Nashik
2.	Performance evaluation of onion - IET	Nashik & Karnal
3.	Performance evaluation of onion - AVT-I	Nashik & Karnal
4.	Performance evaluation of onion - AVT-II	Nashik & Karnal
5.	Performance evaluation of onion hybrid- AVT-II	Nashik & Karnal
6.	Asses the performance of advance lines of white onion	Nashik & Karnal
7.	Asses the performance of advance lines of red onion	Nashik & Karnal
8.	To asses the performance of onion hybrids for rabi season	Nashik & Karnal
<b>CROP PRODUCTION SYSTEM MANAGEMENT</b>		
9.	Efficacy of nitrogen, increased potassium and chemical sprays on self life on onion	Nashik & Karnal
10.	Efficacy of micro-nutrients on yield and quality of onion seed production	Nashik & Karnal
11.	Standardization of transplanting schedule for Rabi onion under Zone-V	Nashik
12.	Evaluation of integrated nutrient management for multiplier onion	Coimbatore & Paljhar
<b>PLANT HEALTH MANAGEMENT</b>		
13.	Survey and monitoring of major diseases of onion	Nashik & Karnal
14.	Evaluation of onion advance lines for disease resistance- IET	Nashik & Karnal
15.	Evaluation of onion advance lines for disease resistance- AVT-I	Nashik & Karnal
16.	Evaluation of onion advance lines for disease resistance- AVT-II	Nashik & Karnal
17.	Evaluation of onion advance hybrid lines for disease resistance- AVT-II	Nashik & Karnal
18.	Screening of different onion lines for thrips resistance- IET	Nashik & Karnal
19.	Screening of different onion lines for thrips resistance -AVT-I	Nashik & Karnal
20.	Screening of different onion lines for thrips resistance -AVT-II	Nashik & Karnal
21.	Screening of different hybrid lines for thrips resistance -AVT-II	Nashik & Karnal
22.	Evaluation of different Insecticides against thrips on onion seed production crop	Nashik
23.	Studies on reducing thrips populations in onion by optimizing nitrogen and potash levels	Nashik
24.	Evaluation of new insecticides for management of onion thrips	Nashik & Karnal
25.	Efficacy of pesticides on foliar diseases and incidence of bacterial rot in onion bulb production and storage.	Nashik & Karnal
<b>SEED TECHNOLOGY</b>		
26.	Onion seed production under different shade net conditions (observational trial)	Nashik & Beed
27.	Evaluation of onion seed coating with active ingredient on field emergence of onion bulb production	Nashik & Karnal

<b>2. GARLIC</b>		
<b>PLANT GENETIC RESOURCES AND CROP IMPROVEMENT</b>		
28.	Collection, Evaluation and Conservation of garlic germplasm	Nashik & Karnal
29.	Performance evaluation of garlic lines -AVT-I	Nashik & Karnal
30.	Performance evaluation of garlic lines -AVT-II	Nashik & Karnal
31.	Study the performance of garlic Advance line	Nashik & Karnal
<b>CROP PRODUCTION SYSTEM MANAGEMENT</b>		
32.	Effect of micro-nutrients application on quality yield in garlic seed crop	Nashik & Karnal
33.	Effect of sulphur on yield and quality of garlic	Nashik
34.	Studies on morpho-physiological attributes in garlic grown during rabi season	Nashik & Karnal
<b>PLANT HEALTH MANAGEMENT</b>		
35.	Survey and monitoring of major diseases of garlic	Nashik & Karnal
36.	Evaluation of garlic advance lines for disease resistance- AVT-I	Nashik & Karnal
37.	Evaluation of garlic advance lines for disease resistance- AVT-II	Nashik & Karnal
38.	Screening of different garlic lines for thrips resistance- AVT-I	Nashik & Karnal
39.	Screening of different garlic lines for thrips resistance- AVT-II	Nashik & Karnal
40.	Population dynamics of insect vector on garlic	Nashik & Karnal
41.	Integrated foliar diseases management of garlic	Nashik & Karnal