

OFT (Plant Protection)

Sl. No.	Year	Title	Results
1	2008-09	Management of Rhizome rot disease of Ginger	Average yield – 56 q/ha
2	2008-09	Rhizome rot management in Ginger using Biofer pf – II	Average yield – 12.6 t/ha
3	2009-10	Management of rice hispa using Mycoinsecticides (Beauveria bassiana)	i. Average pre treatment count of insect /ha - 360.66 nos. ii. Average post treatment count of insect /ha – 4.93 nos. iii. Average population of natural enemies before treatment /ha -300.27 nos. iv. Average population of natural enemies after treatment/ha -286.6 nos. v. Average yield – 5864 kg/ha
4	2009-10	Bio control of stemborer and leaf folder	i. Average percentage damage of stemborer /ha -18.7% ii. Average percentage damage of leaf folder /ha 7.1 % iii. Average yield – 45.05 q/ha
5	2009-10	Management of bacterial wilt in Brinjal	Average yield – 18.97 q/ha
6	2009-10	Rhizome rot management in Ginger using Biofer – pf – (Repeat)	Average yield – 133.86 q/ha
7	2010-11	Bio control of stemborer and leaf folder in rice	i. Average percentage damage of stemborer – 21.15% ii. Average percentage damage of leaf folder – 5% iii. Average yield – 74.23 q/ha
8	2010-11	Management of bacterial wilt in Brinjal	Average yield – 20.76 q/ha
9	2011-12	Bio control of stemborer and leaf folder in rice	i. Average percentage damage of stemborer /ha -2.4% ii. Average percentage damage of leaf folder /ha -2.3 % iii. Average yield – 40.22 q/ha
10	2011-12	Management in bacterial wilt of Brinjal	Average yield -1790.1 kg/ha
11	2011-12	Management of rice hispa using Mycoinsecticides (Beauveria Bassiana)	i. Average pre treatment count of insect /ha -286.25 ii. Average post treatment count of insect/ha -4.59 iii. Average yield -0 118.25 q/ha
12	2012-13	Integrated Disease Management of Rice	i. Average yield – 3955.28 kg/ha ii. Average percentage damage of blast – 7.33 % iii. Average percentage damage of brown spot – 10.84% iii. Average percentage of Shealth blight – 6.75% iv. Average percentage of BLB – 5.87%
13	2012-13	Management of fruit dropping in Khasi mandarin	i. Average of fruit /ha -70519.59 ii. Average no. fruit drop/ha – 6486.42
14	2012-13	Management of bacterial wilt of Brinjal using Biofer pf – II	i. Average yield – 2434.5 kg/ha ii. Average percentage damage of bacterial wilt – 8.0 4%
			i. Average percentage damage of early blight – 5.5% ii. Average percentage damage of lateblight -7%

			iii. Average yield – 6708.4 kg/ha
15	2012-13	Integrated Disease management of Potato	i. Average yield – 6708.4 kg/ha
16	2013-14	Integrated Disease management of rice	i. Average yield - 48.66 q/ha ii. Average percentage damage of brown spot -7.17% iii. Average percentage damage of blast -5.8% iv. Average percentage damage of sheath blight -7.8% v. Average percentage damage of BLB -4.2%
17	2013-14	Management of fruit dropping in khasi mandarin	i. Average no. of fruit/plant -1129.79 nos. ii. Average no. of fruit drop/plant – 39.83 nos.
18	2013-14	Integrated disease management of Blackgram	i. Average yield – 4.60 q/ha \\ ii. Average percentage damage of seedling blight/ha - 0.51% iii. Average percentage damage of cercospora leaf spot/ha – 3.43% iv. Average percentage damage of blight/ha -2.89%
19	2013-14	Management of bacterial wilt of brinjal	i. Average yield -3213 kg/ha ii. Average percentage damage of bacterial wilt – 8.13%
20	2014-15	Management of trunk borer in Orange	i. Average no. of fruit/plant – 124.67 nos. ii. Average no. of trunk borer infected before application of insecticides/ha – 230.50 nos. iii. Average no. of trunk borer infected after application of insecticides/ha -9.8 nos.
21	2014-15	Management of fruit borer in Tomato using <i>Bacillus thuriengensis</i> var. <i>kurstaki</i>	i. Average yield – 191.25 q/ha ii. Average no. fruit infected/ha-27.19 nos./ha
22	2015-16	Management of trunk borer in Orange	i. Average no. of fruit/ha - 20,234 nos. ii. Average no. of trunk borer infected before application of insecticides/ha - 185.27 nos. iii. Average no. of trunk borer infected after application of insecticides/ha -13.6 nos.
23	2015-16	Management of cabbage butterfly using <i>Beuveria bassiana</i>	i. Average yield/ha - 49,983.52 kg ii. Average no. of infected head before application of biochemical/ha - 5405 nos. iii. Average no. of infected head after application of biochemical/ha-18.36 nos.
24	2016-17	Management of trunk Borer in Khasi mandarin	i. Average yield/ha-44043 nos. fruit/ha ii. Average no. of trunk borer infected before application on insecticides/ha-177.13 nos. fruit/ha iii. Average no. of trunk borer infected after application of insecticides/ha-13.33 nos. fruit/ha
25	2016-17	Management of fruit dropping in khasi mandarin	i. Average no. of fruit/ha-33722.67 nos. fruit/ha ii. Average no. of fruit drop/ha-5410.73 nos. fruit/ha

