

**Ongoing research schemes/ Projects**

| Sr. No.   | Title   | Season          |
|---|---|-----------------|
| <b>PEST CONTROL RESEARCH SCHEME (B.H.: 5026)</b>  |   |                 |
| 1.  | Monitoring of shoot and fruit borer in brinjal through sex pheromone trap   | Rabi            |
| 2.  | Efficacy of natural inputs against aphid population in mustard  | Rabi            |
| 3.  | Morphological and molecular identification of honey bee species in sesame crop  | Summer          |
| 4.  | Seasonal incidence and molecular identification of chilli gall midge  | Kharif          |
| 5.  | Effect of different sequence based insecticidal spray against chilli gall midge   | Kharif          |
| 6.  | Standardization of number of pheromone traps for <i>Helicoverpa armigera</i> (Hubner) in groundnut  | Kharif          |
| 7.  | Standardization of operational procedures for application of pesticides through drone against <i>Helicoverpa armigera</i> (Hubner) in chickpea      | Rabi            |
| 8.  | Effect of different sequence based biopesticides sprays against <i>Helicoverpa armigera</i> (Hub.) and <i>Spodoptera litura</i> (Fab.) in groundnut | Kharif          |
| <b>IPM IN FRUIT CROPS (B.H.: 12094)</b>   |   |                 |
| 9.  | Standardization of number of pheromone traps for fruit fly infesting banana   | Kharif          |
| 10.   | Management of branch gall midge infesting mango   | Kharif          |
| <b>SEED SPICES PROJECT (B.H. 12032)</b>   |   |                 |
| 11.   | Survey of major insect pests and their natural enemies in seed spices of Junagadh district  | Rabi            |
| 12.   | Population dynamics of important pests of seed spices   | Rabi            |
| 13.   | Morphological and molecular identification of honey bee species in seed spices of Junagadh district   | Rabi            |
| 14.   | Efficacy of natural inputs against aphid population in coriander  | Rabi            |
| <b>ESTABLISHMENT OF BIO-CONTROL LABORATORY FOR MASS PRODUCTION OF BIO-AGENTS (B.H: 9510-J-40 &amp; 12036)</b> |   |                 |
| 15.   | Standardization of operational procedures for application of biopesticides through drone against insect pests in cotton                             | Kharif          |
| 16.   | Survey, collection and identification of natural enemies of major crop insect pests   | Kharif          |
| 17.   | Mass multiplication of microbial agents   | Kharif          |
| 18.   | Mass multiplication of macro bio-agents under laboratory condition  | Kharif          |
| 19.   | Extraction of active components from different botanical plants   | Kharif          |
| 20.   | Effect of different sequence based natural input sprays against leaf eating caterpillar, <i>Spodoptera litura</i> Fab. infesting soybean            | Kharif          |
| <b>OTHER AGENCY PROJECTS</b>  |   |                 |
| 21.   | Evaluation of Spidoxamat 9.6% + Spinetoram 12% WG against insect pests of pomegranate (B.H.18009-88)  | Kharif/<br>Rabi |
| 22.   | Evaluation of Fluxametamide 10% EC (Gracia 10% EC) against insect pests of cotton (B.H.18009-90)  | Kharif          |
| 23.   | Field efficacy testing of Gaprole FAW 31.4% eco dispenser against fall armyworm, <i>Spodoptera frugiperda</i> (J. E. Smith) on maize (B.H.18009-94) | Kharif          |