



Fig. 1.2.1. Incidence of bud borer, *Helicoverpa armigera* on different flower crops

1.3 Studies on Biological Control

Different stages of the bud borer was collected and brought to the laboratory for the emergence of natural enemies, however none of the natural enemies were emerged from the samples. Under field condition also no natural enemies were recorded in the infested plants.

Project 2. New Initiative Project on Protected Horticulture

Protected horticulture project is ICAR funded project started in four centres with nodal centre at IIHR, Bangalore. The experiment was laid out on gerbera in the temporary structures (with temporary covering of existing glasshouse with shade net). All the required inputs (pots, fertilizers, media, covering material, etc.) for experiment were procured and the trial was laid out. The required irrigation and fertigation is followed as per standards. The observations are being recorded as per the technical programme.

Project 3. Studies on Male Sterility Systems to Increase the Efficiency of F₁ Hybrids in Horticultural Crops (Marigold)

3.1 Germplasm Enrichment

11 genotypes of marigold were collected from the different places.

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| i. Pusa Narangi Gainda (African Marigold) | vii. Local Selection 3 (French Marigold) |
| ii. Pusa Basanti Gainda (African Marigold) | viii. Thuljapur local A (French Marigold) |
| iii. Bidhan Marigold 1 | ix. Thuljapur local B (French Marigold) |
| iv. Bidhan Marigold 2 | x. Thuljapur local C (French Marigold) |
| v. Local Selection 1 (French Marigold) | xi. Thuljapur local D (French Marigold) |
| vi. Local Selection 2 (French Marigold) | |