

PEST & NATURAL ENEMY SCOUTING FORM FOR PLANT-MEDIATED IPM SYSTEMS USED IN HIGH TUNNEL CROPS

DATE: _____

TUNNEL: _____

SYSTEM TYPE: _____
(i.e., bean trap plant, marigold trap plant, alyssum habitat plant)

SCOUT: _____

| SYSTEM # | ROW/BED | # PESTS | | | | # NATURAL ENEMIES | | | | | | | OTHER | DAMAGE RATING* | COMMENTS | | |
|-----------------------------|---------|---------|-----|----|----|-------------------|-----------|---------|----------|--------------|----------------|-----------------|-------|----------------|----------|-------------|--------------|
| | | APH | THR | WF | SM | PARA WASP AD | APH MUMMY | PARA WF | PRED FLY | PRED FLY MAG | PRED BEETLE AD | PRED BEETLE LAR | | | | PRED BUG AD | PRED BUG NYM |
| 1 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | |
| TOTAL # | | | | | | | | | | | | | | | | | |
| AVERAGE # ** | | | | | | | | | | | | | | | | | |
| % PLANTS INFESTED*** | | | | | | | | | | | | | | | | | |

KEY

* **Plant Damage Rating:** (1) no damage; (2) light damage (slight deformation and stunting on 2-4 leaves); (3) moderate damage (slight deformation and stunting on all leaves); (4) heavy damage (significant deformation on 2-4 leaves); (5) Severe damage (significant deformation on all leaves, crop of reduced value); (6) Extreme damage

** **AVERAGE** = (Total number recorded / Total number of plants inspected)

*** **% PLANTS INFESTED** = (Total number infested plants / Total number of plants inspected) x 100

APH (Aphid) - **THR** (Thrips) - **WF** (Whitefly) - **SM** (Spider Mite) - **PARA WASP AD** (Aphid Parasitic Wasp Adult) - **APH MUMMY** (Aphid Mummy)
PRED BEETLE (Predatory Beetle) - **PRED BUG** (Predatory Bug) - **PARA WF** (Parasitized WF Nymph) - **PRED FLY** (Predatory Aphid Midge Adult or Syrphid Adult)
PRED FLY MAG (Predatory Fly Maggot) - **PRED BEETLE AD** (Predatory Beetle Adult) - **PRED BEETLE LAR** (Predatory Beetle Larvae)
PRED BUG AD (Predatory Bug Adult) - **PRED BUG NYM** (Predatory Bug Nymph) - **PRED MITE** (Predatory Mite)

System Location Map

