

Table 1. Scouting assessment tool for chewing pests.

Feeding Damage Severity Scale		
0	Clean	No feeding damage.
1	Very Light	Chewing present, no economic damage.
2	Light	Lightly damaged, below level of consumer rejection. Chewing present on up to ¼ of the leaves present.
3	Moderate	Most leaves still marketable (<10-25% loss). < 50% of leaves chewed.
4	Substantial/Significant	Some plants unmarketable (20-50% loss). Many leaves chewed.
5	Heavy/Severe	50% + of plants unmarketable. Most of a given plant is chewed.
6	Dead	Or defoliated.

Intermediate steps are denoted by (n-.3) and (n+.3)

Table 2. Scouting assessment for Spinach Crown Mite

Crown mite severity ratings (1 is marketable, 1.5 is marketable by grower choice, 2-5 is unmarketable)	
1	Can tell crown mite is present, leaves puckered with a few holes
2	Minor leaf and petiole twisting, leaf margin deformities. Holes & puckering present on leaves.
3	Leaf deformities, twisting, and holes all substantial.
4	Change observed in growth habit - plants become abnormally branched.
5	Plant destroyed.

Table 3. Biocontrols and biorational sprays employed in project.

Beneficial Insects:	Type of Control	Pest Target
Aphidius colemani	Parasitoid wasp	Aphids
Aphidius ervi	Parasitoid wasp	Aphids
Lady beetles	Predator	Aphids
Aphelinus abdominalis	Parasitoid wasp	Aphids
Biorational sprays:	Type of Control	Pest Target
Botanigard (conventional)	<i>Beauveria bassiana</i> Stain GHA, a fungal pathogen of aphids	Aphids
Neem	Horticultural Oil	Aphids, mites
Mycotrol-O	<i>Beauveria bassiana</i> Stain GHA, a fungal pathogen of aphids	Aphids
Bt (i.e. DiPel)	For caterpillars	Caterpillars
Entrust	Iron phosphate (sluggo)	Caterpillars
Iron phosphate	Bait	Slugs