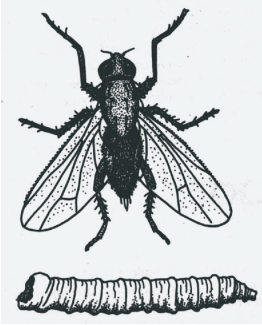
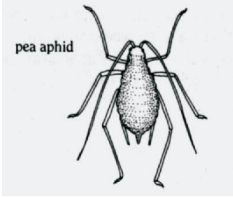
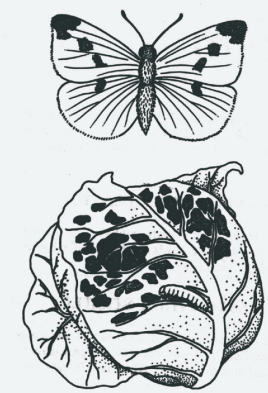

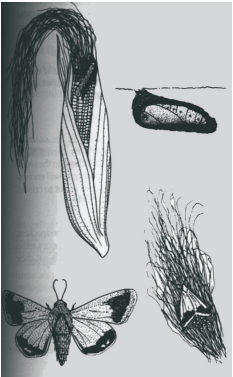


A Compendium of Common Creepy Critters

Most benign
 ↓
 Most intensive

PESTS	 <p>onion maggot</p>	 <p>aphid</p>	 <p>cabbage worm</p>	 <p>potato beetle</p>	 <p>corn ear worm</p>
SYMPTOMS	Yellowing/wilting of outside leaves Bulbs soft/squishy Tunnels through bulbs	Stunted, distorted leaves with curling/yellowing. Grayish-white clusters of tiny insects at bases of leaves and stems.	Various size holes in leaves, sometimes stripped down to the leaf rib.	Large, irregularly shaped holes in leaves, some stripped to leaf ribs.	Chewed off silk, tunnels in kernels at tip of ear
TREATMENT: Prevention	Don't plant in rows Compost damaged onions Plant resistant varieties	Avoid high nitrogen levels Plant good bug blends	Disturb soil in fall Compost old plants Plant resistant varieties	Heavy mulch Disturb soil in fall to unearth overwintering insects	Plant resistant varieties Plant good bug blends
Mechanical	Row covers until after hatch in late spring	Hard spray of water Sticky traps Reflective mulch	Hand picking Row covers	Hand picking Row covers	Hand picking after silk browning Close husk with rubber band
Beneficial/ Biological	Beneficial nematodes	Ladybugs Lacewings	Bacillus Thuringiensis Parasitic wasps Pheromone traps	Bacillus Thuringiensis	Bacillus Thuringiensis Trichogramma wasps
Mineral/ Botanical Insecticides*	Wood ashes <small>(Not recommended for alkaline soils)</small> Diatomaceous earth	Neem Diatomaceous earth Pyrethrins/ Rotenone	Diatomaceous earth Pyrethrins/ Rotenone	Neem Diatomaceous earth Pyrethrins/ Rotenone	Neem Mineral oil Pyrethrins/Rotenone