

## Insects

## Sequential Nutrient Deficiencies

### *Celery Insects*

Aphids	Ca, P, Fe, Cu
Variagated Cutworm	Ca, P, Cu, Mn, vitamin C, vitamin E
Cabbage Looper	P, Ca, vitamin C, Fe
Carrot Weevil	Ca, P, vitamin A

### *Rose Insects*

Aphids	Ca, P, Fe, Cu
Rose Chafer	Ca, P, Mn
Rose Midge	Ca, vitamin C (medium level deficiency)
Rose Stem Borer	Ca, vitamin C (high level deficiency)
Spider Mites	Ca, P, Fe/Cu
Thrips	Ca, P, Co
Leaf-Cutter Bees	Ca, P, Fe, Cu, Co/B (they will only nest in deficient plants)
Rose Galls	Ca, P, Fe/Cu, Co/B (they will only nest in deficient plants)
Rose Scale	Ca, P, vitamin C
Rose Slugs	Ca, P, Fe
Japanese Beetle	Ca, Cu

### *Strawberry Insects*

Strawberry Weevil/Clipper	Ca, P, Fe, Cu
Strawberry Sap Beetle	Ca, P, Mn
Tarnished Plant or Lygus Bug	Ca, P, vitamin C, Mn
Spittlebugs	Ca, P, vitamin C, Fe
Strawberry Leafhopper	Ca, P, vitamin C, Co, Se
Flea Beetle	Ca, P, Fe/Cu
Aphids	Ca, P, Fe/Cu
Mites	Ca, P
White Grubs	P, Ca, vitamin C, Mn, Co, Cu
Strawberry Rat Weevil	Ca, P, Se
Strawberry Rootworm	Ca, P, Fe/Cu, Co
Nematodes	Ca, P

### *Raspberry Insects*

Fruitworm	Ca, P, vitamin C
Crown Borer	Ca, P, Co, vitamin C
Sawfly	Ca, P, Fe/Cu, vitamin C, Se
Cane Borer	Ca, P, vitamin C, vitamin E
Aphids	Ca, P, Fe, Cu
Mites	Ca, P

### *Potato Insects*

White Grub	P, Ca, vitamin C, Mn, Co, Cu
Wire Worm	Ca, Co, vitamin C
Colorado Potato Beetle	Ca, P, vitamin C, Cu, Mn
Potato Leaf Hopper	Ca, P, Mn, Cu, Fe
Cabbage Looper	P, Ca, vitamin C, Fe
Variagated Cutworm	Ca, P, Cu, Mn, vitamin C, vitamin E
Green Peach Aphids	Ca, P, Cu, Fe
Potato Flea Beetle	vitamin C, Ca, P, Fe, vitamin E, Cu, Mn