

MANUALS FOR THE SEED PRODUCTION OF SOME VEGETABLES IN THAILAND

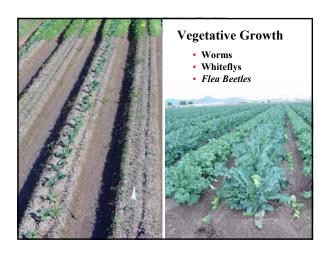
BROCCOLI SEED INSECT CONTROL

Aphids - pirimicarb (Pirimor)

Soil-insects - prevent attack in the nursery by soil treatment with an insecticide - aldicarb (Temik).

Ceuthorrhynchus spp. (Cabbage weevil) - permethrin (Ambush).

Do not spray during flowering time.









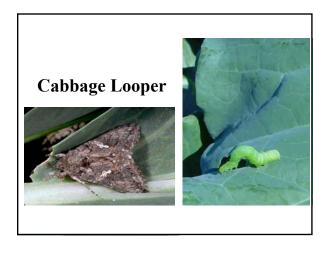


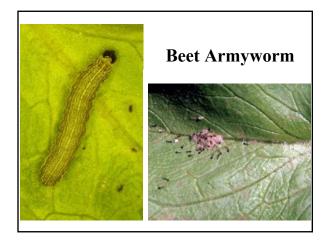


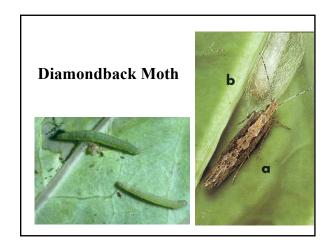












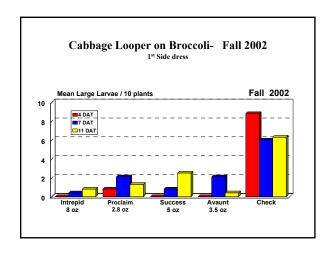


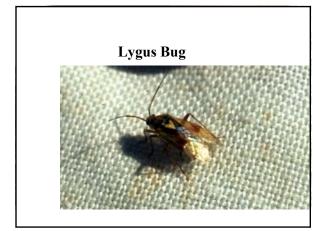


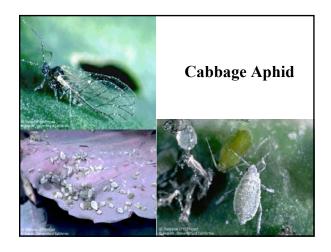


Product	REI	PHI	Application
Success 2SC	4 hrs	1 day	Air, Ground
Proclaim SG	48 hrs	7 days	Ground only
Avaunt WG	12 hrs	3 days	Air, Ground
Confirm 2F	4 hrs	7 days	Air, Ground
Intrepid 2F	4 hrs	1 day	Air, Ground





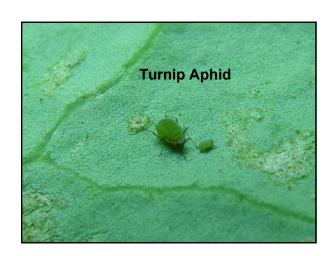


























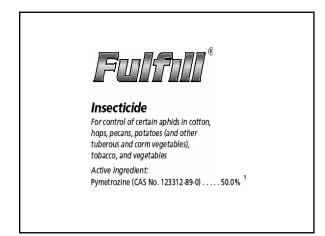


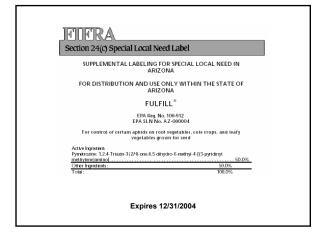


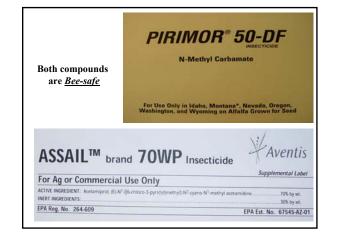


Don't waste your \$\$\$

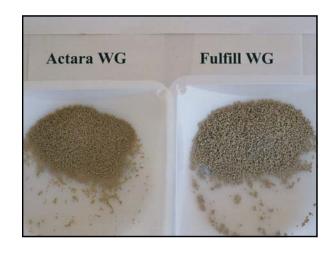




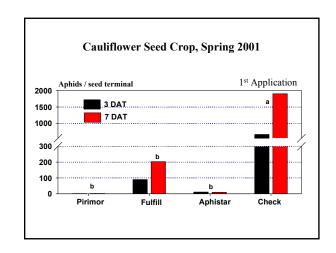


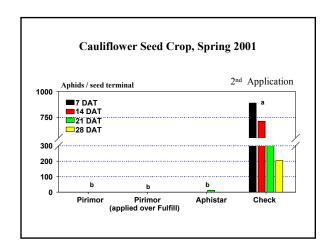


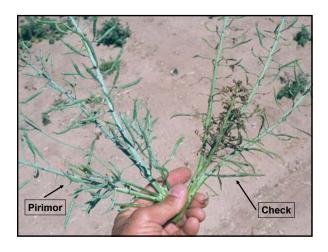








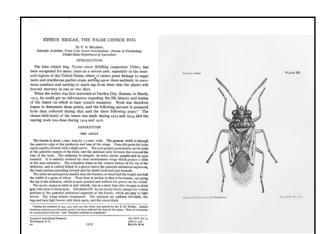


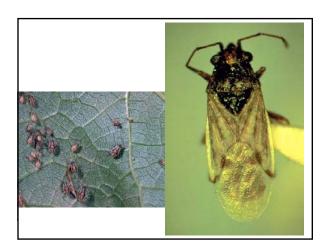






False Chinch Bug











1 generation can be completed in 29 days

LENGTH OF LIFE CYCLE

At Garden City, during 1914, the average temperature being 79.78° F., the different stages from deposition of the egg to death of the resulting individual were determined as follows:

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False chinch bugs breed on weeds.
Weeds that serve as host plants for
these insects include:
wild mustards and radish
shepherds purse,
london rocket
spurge.



FCB: usually heaviest in areas of the field where there had been significant amounts of mustard.

False Chinch Bug Suspected of Damaging Citrus Fruit

The ability of false chinch bugs to damage young citrus, pistachio and other fruit trees is fairly well documented.

Their feeding can cause young trees to wilt and die.





Colorado Canola Seed Production - 2000

"This year's outbreak was favored by :

- The growth of mustards and other weeds in spring combined with the cool wet weather = large numbers of false chinch bugs survived and thrived.
- 2) For much of the season they remained in rangeland and along roadsides.
- 3) The drying weather of midsummer has caused many of them to migrate.

Cultural Control:

Weed management is especially critical.

Chemical Control:

These insects are very difficult to manage.

"They are inherently quite resistant to most insecticides. "

Insecticides containing diazinon, permethrin, or chlorpyrifos, should be able to provide some control.



