

Insect Control in Seed Crops

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Yuma Agricultural Center**

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.

Vegetative Growth

- **Worms**
- **Whiteflies**
- *Flea Beetles*



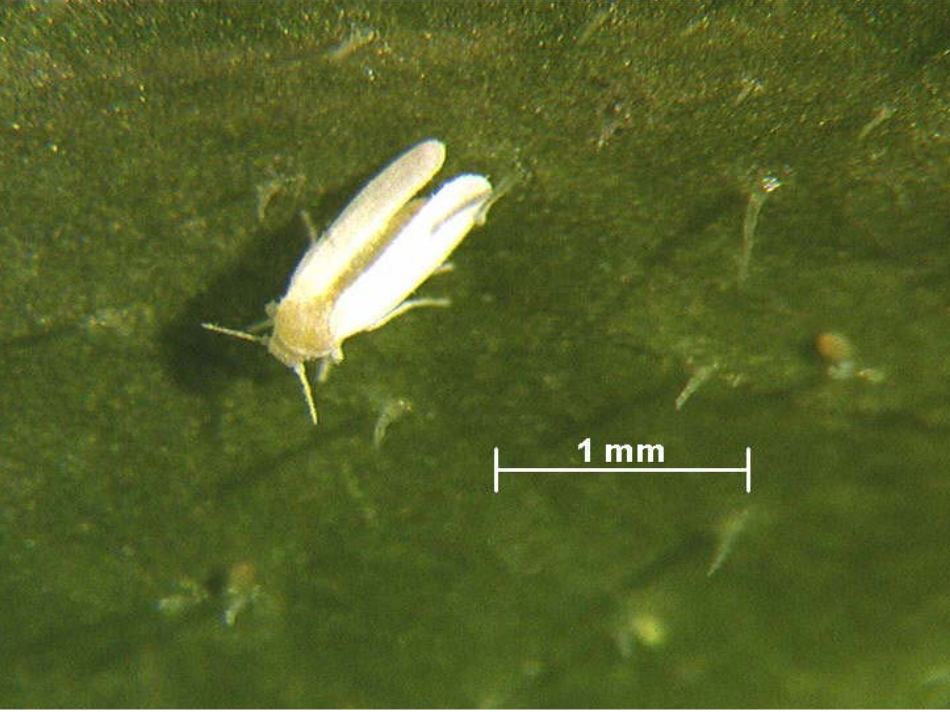
Reproductive Growth

- Aphids
- False Chinch Bugs
- *Lygus*



Flea Beetles





Silverleaf Whitefly













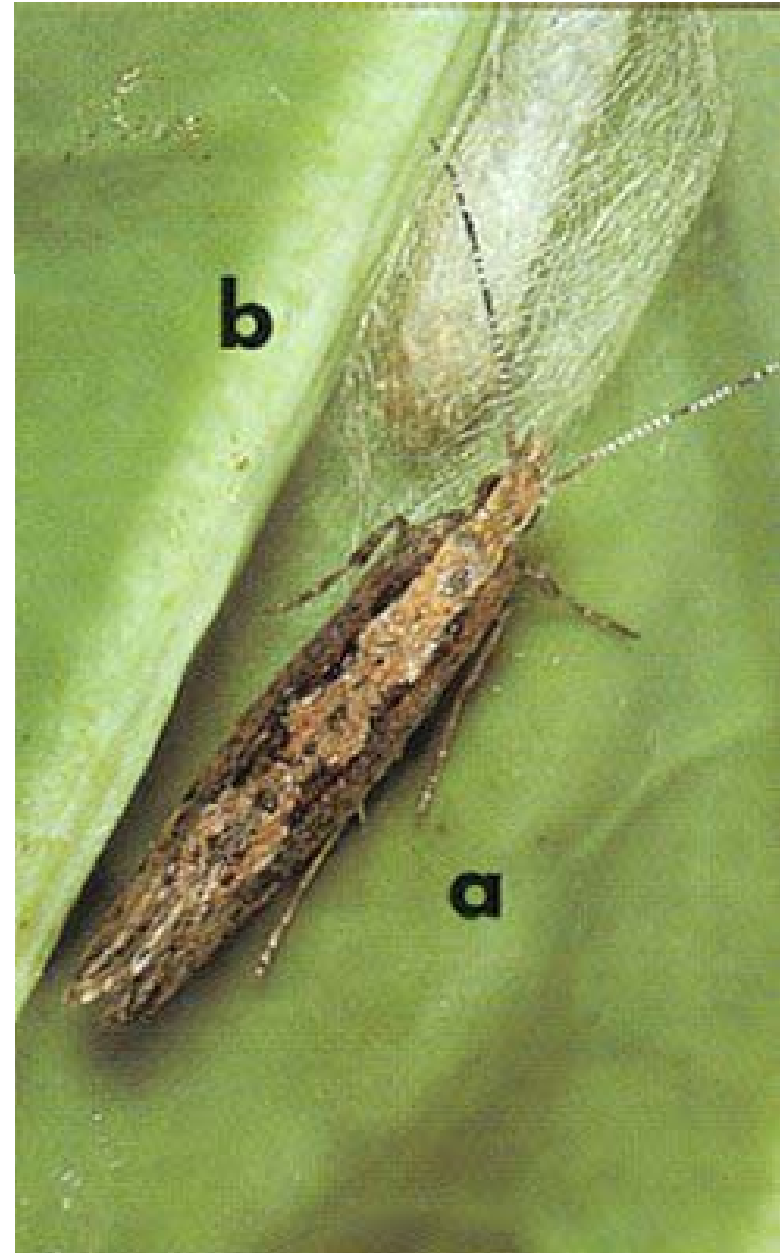
Cabbage Looper



Beet Armyworm



Diamondback Moth





3 - DAT
Untreated ← Confirm 8oz →

 **Dow AgroSciences**

Success*

Naturalyte* Insect Control

 **Dow AgroSciences**

Intrepid*

2F

Insecticide

PULL HERE TO OPEN

RESTRICTED USE PESTICIDE
TOXIC TO FISH, MAMMALS, AND AQUATIC ORGANISMS
FOR A FULL, USE TO DATE, USE ONLY BY LICENSED APPLICATORS & A PERSONS USE & READ & IF IT
SAYS READ, USE & GET THE FULL USE & READ BY THE LICENSED APPLICATOR'S CERTIFICATE.

Proclaim

INSECTICIDE
For control of certain
lepidopteran larvae
(caterpillars) on fruit and
a dermal use for vegetables,
cutting and field lettuce.

**KEEP OUT OF REACH
OF CHILDREN.
CAUTION**

Do not use Proclaim if you are
ill or if you are pregnant or
breastfeeding. Do not use
Proclaim if you are taking
medication. Do not use
Proclaim if you are
operating machinery or
driving a vehicle. Do not
use Proclaim if you are
operating heavy machinery
or driving a vehicle.

Active Ingredient Etoxazole Derivative (CAS No. 137507-74-4)	5.0%
Other Ingredients	95.0%
Total	100.0%

Proclaim is available in multiple product
forms ranging from granules to
liquids.

EPA Reg. No. 100-024
EPA Est. 62545-AZ-001
NCP 994A-LSD 1 199

550 GRAMS
(1.21 POUNDS)
NET CONTENTS

 **NOVARTIS**

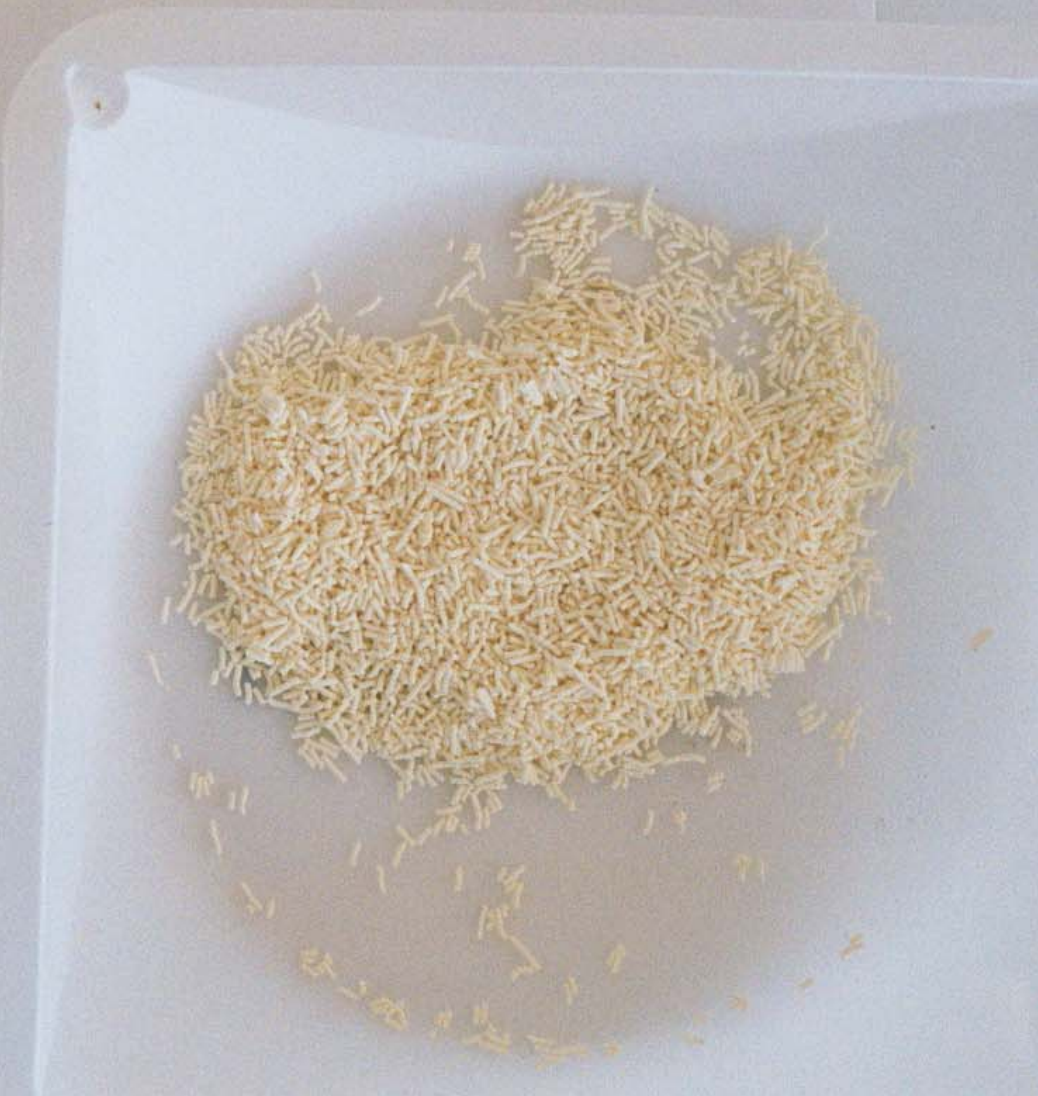
 **DU PONT**

DuPont™ Avaunt®

insecticide

Avaunt WG

Proclaim SG



New Chemistries on Vegetables

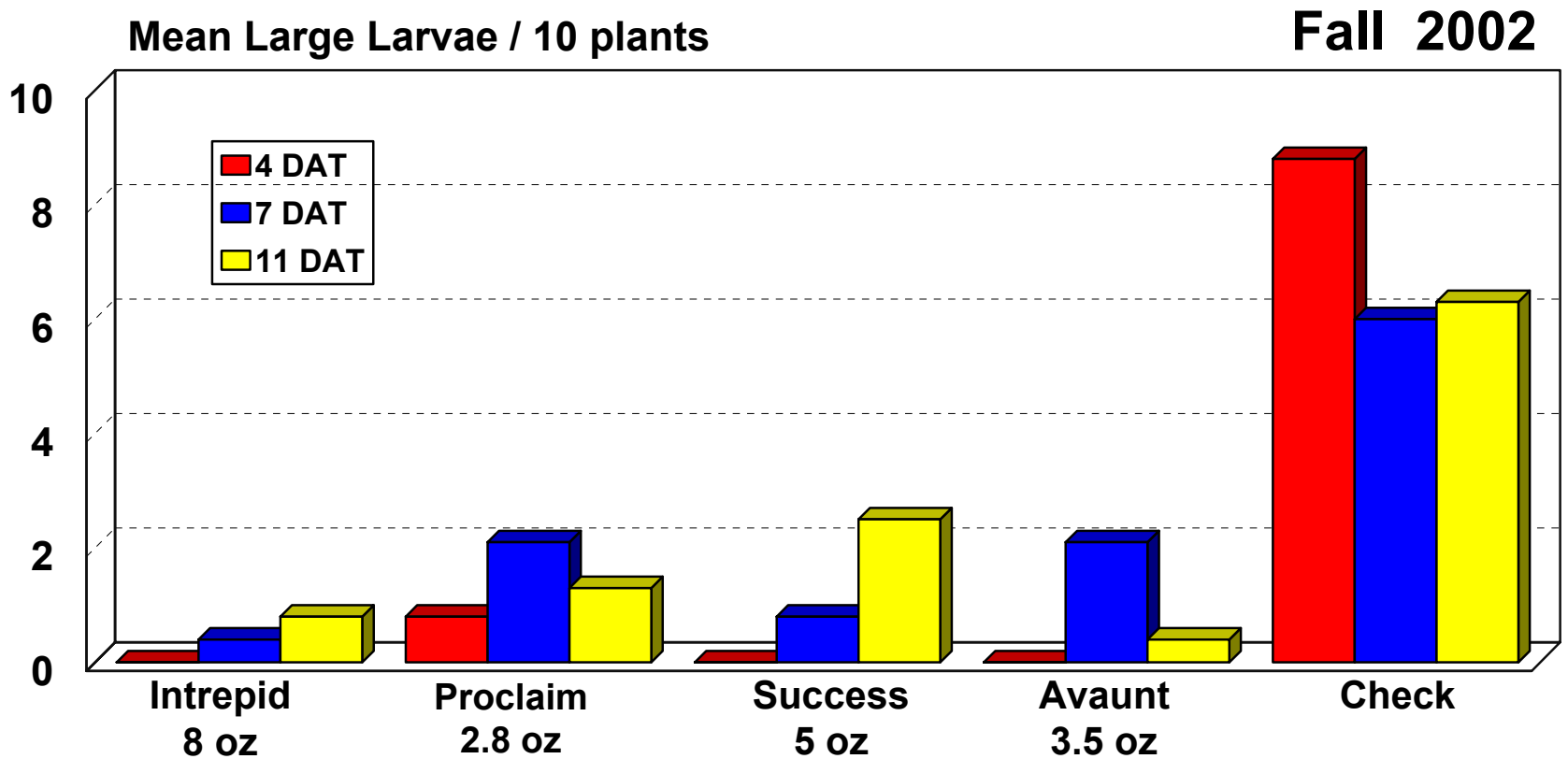
Product	REI	PHI	Application
Success 2SC	4 hrs	1 day	Air, Ground
Proclaim SG	48 hrs	7 days	Ground only
Avaunt WG	12 hrs	3 days	Air, Ground
Confirm 2F	4 hrs	7 days	Air, Ground
Intrepid 2F	4 hrs	1 day	Air, Ground



- **Reduced-risk compounds**
- **Environmentally friendly**
- **Selective Activity**
- **Unique modes of action**
- **Highly efficacious**

Cabbage Looper on Broccoli - Fall 2002

1st Side dress



Lygus Bug



Cabbage Aphid



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Green Peach Aphid



Turnip Aphid











