

# Delegate®

WG

## THE INNOVATIVE, EFFECTIVE FOUNDATION FOR PEST CONTROL

### INSECTICIDE

Delegate® WG insecticide gives blueberry, cranberry and stone fruit growers an effective foundation for building a pest control program. That's because Delegate WG contains spinetoram — an innovative active ingredient that delivers fast knockdown and broad-spectrum control of damaging insects, including those listed below.

#### Delegate WG Puts Damaging Pests in Their Place

An effective and easy-to-use tool that fits the needs of today's grower:

- Innovative molecule provides outstanding broad-spectrum control of numerous destructive pests, including Oriental fruit moth, leafminers, peach twig borer, blackheaded fireworm, Sparganothis fruitworm, spotted fireworm, spanworms, gypsy moth, leafrollers and thrips activity
- Maintains populations of most beneficial insects; does not flare mites
- Short four-hour re-entry interval, allowing for more convenient completion of other tasks
- Reduced PPE requirements
- Accepted for registration under the U.S. Environmental Protection Agency's Reduced Risk Pesticide Initiative
- Ideal rotation partner with Intrepid® 2F insecticide (a Group 18 insecticide) to manage resistance of lepidopterous species
- Delegate features an innovative mode of action, spinetoram, and is classified as a Group 5 insecticide for these crops, making it an ideal choice for Insecticide Resistance Management (IRM)
- Active ingredient received the 2008 Presidential Green Chemistry Challenge Award



Pictured Above (From Top):  
Water Flower Thrips  
Leafminer

#### Key Pests Controlled\*

##### Blueberries

3 to 6 oz./A rate:

- Armyworms
- Blueberry gall midge (suppression)
- Blueberry maggot (suppression)
- Cherry fruitworm
- Cranberry fruitworm
- Currant fruit fly (suppression)
- Fireworms
- Gypsy moth
- Leafrollers
- Loopers
- Thrips (suppression)

##### Cranberries

3 to 6 oz./A rate:

- Armyworms
- Currant fruit fly (suppression)
- Fireworms
- Spanworms
- Gypsy moth
- Leafrollers
- Loopers
- Sparganothis fruitworm
- Thrips (suppression)

##### Stone Fruits

3 to 7 oz./A rate:

- Peach twig borer (dormant spray)

4.5 to 7 oz./A rate:

- Cherry fruit fly
- Green fruitworm
- Leafminers, including:
  - Spotted tentiform
  - Western tentiform

Leafrollers, including:

- Oblique-banded
- Fruit tree
- Pandemis
- Red-banded
- Variegated

Peach twig borer (in-season spray)

- Thrips
- Tufted apple bud moth
- Western cherry fruit fly

6 to 7 oz./A rate:

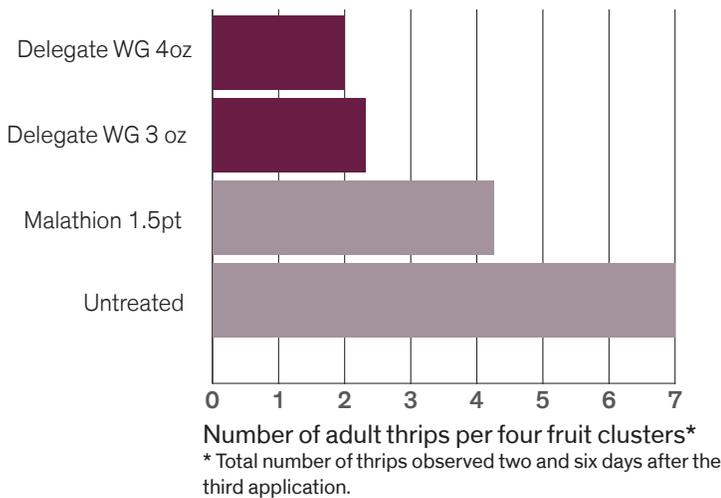
- Oriental fruit moth
- Plum curculio (suppression)

**Delegate® WG Insecticide – Fast and Lasting Control of Destructive Pests**

In independent trials, Delegate WG was applied twice, at three-week intervals. The treated crop significantly reduced the percent of damaged fruit at harvest compared with untreated plots.

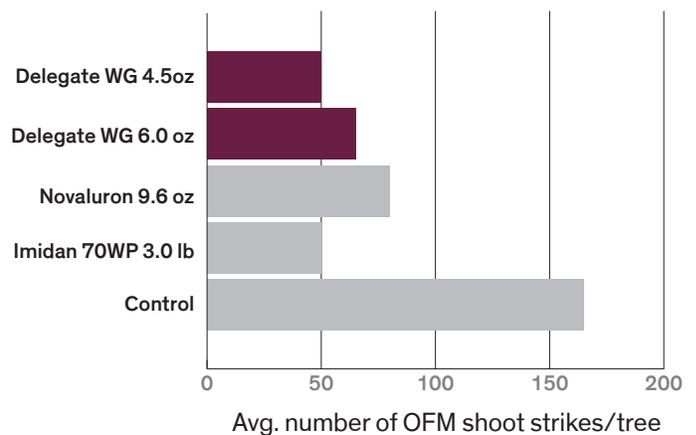
**Fig 1. Control of Thrips spp. in Blueberries**

Three-spray program at 14-day spray intervals.  
Source: Dr. Oscar Liburd, University of Florida, 2007.



**Fig 2. Control of Oriental Fruit Moth in Peaches**

Seasonal Airblast Test: single tree, four replicates.  
Source: Dr. P.W. Shearer, Rutgers University, New Jersey Agricultural Experiment Station, 2005.



**Guidelines for Effective Use of Delegate WG in Stone Fruit**

- When using Delegate WG as a larvicide, begin applications shortly before egg hatch.
- Monitor pest populations to determine when economic thresholds are exceeded.
- Oriental fruit moth applications should closely follow regional spray recommendations based on biofix dates, egg hatch and/or pheromone trap catches. Oriental fruit moth larvae must be controlled before they penetrate the fruit.
- See the Delegate WG product label for restrictions concerning the re-treatment intervals and preharvest interval for each crop.

**Resistance Management Guidelines**

To reduce the potential for resistance development in target pest species, do not make more than two consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after two consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application.

[www.dowagro.com](http://www.dowagro.com)



**Dow AgroSciences**

*Solutions for the Growing World*

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State restrictions apply on the sale and use of Intrepid 2F. Consult the label prior to purchase or use for full details. Always read and follow label directions.  
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