



Foundation insect control for ornamentals.

Optimum whitefly and aphid control requires a product that is quickly absorbed into the plant and provides long-lasting protection.

Flagship® 25WG (water dispersible granule) insecticide offers fast knockdown and long lasting, residual control across a broad range of foliar and soil-dwelling pests. It can be applied to foliage or growing media, and is quickly absorbed by plants. It controls target pests on contact as well as through ingestion, with minimal effects on beneficial insects.

Swift translaminar absorption makes Flagship 25WG rainfast upon drying, so irrigation and rain will not wash it off. In addition, Flagship 25WG's chemical properties make it ideal for optimal plant uptake.

Because Flagship 25WG contains an extremely active molecule, it is effective at a low use rate, yet can be used at a higher rate for more powerful and longer-lasting insect control.

Improved label.

Flagship 25WG insecticide's expanded label provides greenhouse and nursery growers more flexibility:

- New higher use rates ~ 17oz/A
- Control of additional soil and foliar pests
- Expanded use sites
- New application methods
- For use on fruiting and cucurbit vegetables grown for resale

New application methods.

- New — Ebb and flood for hydroponic greenhouse applications
- New — Overhead, hand-held or motorized calibrated irrigation equipment
- New — Automatic cold fogger
- New — Aerial applications
- Plus — Micro-irrigation (spaghetti tube, drip, trickle and micro-sprinklers)

Expanded control including new pests (New pests in bold)

Foliar	Soil
Adelgids (incl. Hemlock woolly adelgid)	Aphids
Adult black vine weevils	Fire ants
Ants	Fungus gnats
Aphids	Grubs (beetle larvae)
Lace bugs	Leaf beetles
Leaf beetles	Leafminers
Leaf gull forming insects	Mealybugs
Leafhoppers	Root aphids
Leafminers	Root weevil larvae
Mealybugs	(incl. <i>Diaprepes abbreviatus</i>)
Plant bugs	Soft scales
Psyllids (incl. Asian citrus psyllid)	Thrips
Soft scales	(suppression of foliar feeding)
Sawflies	Whiteflies
Thrips (foliar feeding)	
Whiteflies	



Vigor effect.

In addition to outstanding insecticidal activity, enhanced plant vigor has been observed when plants are treated with Flagship. The patented (US Patent #6753296) "Vigor Effect" of Thiamethoxam, the active ingredient in Flagship 25WG, has been observed to enhance root and shoot vigor on a variety of crops in multiple countries. These more vigorous plants become established quicker, are more resilient to tough conditions and may result in higher quality.



The Dwarf Schefflera plant on the left was infested with *Diaprepes Weevil*, and not treated. The plant in the middle was infested with *Diaprepes Weevil* and treated with Flagship 25WG at an 8 oz. rate. The plant on the right was not infested. Photo courtesy of Scott Ferguson, ATO Consulting.



120 lbs/A 60 lbs/A Untreated Control

Maple seedling (*Acer Flame*) treated with Flagship G. Flagship-treated plants show enhanced root and shoot development.

Flagship application guidelines.

Foliar spray

Foliar applications must be made with adequate water volume to achieve thorough and uniform coverage without excessive runoff. On hard-to-wet plants, a spray adjuvant may be used to improve wetting of the foliage. However, spray adjuvants that may bind Flagship 25WG to the leaf surface, limiting its absorption into the foliage, should be avoided. Contact your Syngenta representative for additional information on the use of adjuvants with Flagship 25WG. Flagship 25WG is easily tank mixed and can be applied in a range of spray volumes.

Drench

Flagship 25WG can be applied to soil using banded or drench applications. Apply Flagship 25WG in a sufficient volume of water to move it into the plant's root zone, and irrigate so the material moves throughout the root zone or where the pests are located. As a drench, Flagship 25WG provides many weeks of extended protection and is an excellent partner in IPM programs. Use higher rates as described on the label for more challenging pests and longer residual control.

Flagship G

Flagship G (granular) provides a convenient formulation for container and pot-to-pot production. It is ready to use, packaged in a 25-lb. resealable bag. Use sites are identical to the Flagship WG formulation. Flagship G is applied as soil broadcast or banded applications at the rates of 40 to 120 lbs/Acre.

Call 1-866-SYNGENTA (796-4368) to contact the Syngenta Customer Center and learn more.



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