

279-3264

09/25/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg.  
Number:

279-3264

Date of Issuance:

SEP 25 2003

Term of Issuance:

conditional

Name of Pesticide Product:

F1785 GH 50 WG  
Insecticide

## NOTICE OF PESTICIDE:

  X   Registration  
       Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. George Meindl  
FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia, Pa. 19103

Label changes that accepted in connection with this registration must be submitted to the Registration Division prior to use of the label in commerce. In any correspondence concerning this registration, refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (C) provided that you:

1. Submit or cite the following studies:  
Storage stability (guideline 830.6317) and corrosion characteristics (guideline 830.6320) data.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read 279-3264.
  - b. Add the Spanish signal word "Aviso" next to the signal word. Add the following statement to the Precautionary Statements:  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)
  - b. Limit the use statement below the product name to commercial greenhouses. Add interiorscapes to the same statement.
  - c. Add "Net Contents" to the label.

Signature of Approving Official:

Linda G. Arrington  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

Date:

SEP 25 2003

- c. Add to the Precautionary Statements the following:  
Harmful if swallowed or absorbed through the skin.
  - d. Delete the following false and misleading statements from the First Aid Statements:  
This mixture has low oral, dermal and inhalation toxicity. It is nonirritating to the skin but irritating to the eyes.
  - e. Add the following to the PPE statements:  
Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
  - f. Add an Environmental Hazards Statement as follows:  
Do not apply to water. Do not contaminate water when disposing of equipment washwaters or rinsate.
  - g. Move the statements entitled "Indoor Use Precautions" to the non-agricultural use requirements box and clarify that indoor use means use in interiorscapes.
  - h. The First Aid Statements must be organized so that the most severe routes of exposure are listed first. Therefore, place the If in Eyes statements first, followed by the If Swallowed and If on Skin or Clothing statements.
3. Submit two copies of the revised final printed label for the record.
4. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

# F1785 GH

## 50 WG Insecticide

For use on sucking pests in greenhouses.

EPA Reg. No. 279-

EPA Est. 279-

Active Ingredient: **Flonicamid**..... By Wt. 50.0%  
Inert Ingredients: ..... 50.0%  
100.0%

**KEEP OUT OF REACH OF CHILDREN**

### WARNING

See other panels for additional precautionary information.

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
SEP 25 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
279-3264

### FIRST AID

If swallowed	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.

### NOTE TO PHYSICIAN

This mixture has low oral, dermal and inhalation toxicity. It is non-irritating to the skin, but irritating to the eyes. Treatment is otherwise controlled by removal of exposure followed by symptomatic and supportive care.

For information Regarding the Use of this Product Call 1-800-321-1FMC (1362).

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans (and Domestic Animals)

#### WARNING

Causes substantial but temporary eye injury. Avoid contact with skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, protective eyewear and waterproof gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

# FMC®

**FMC Corporation**  
**Agricultural Products Group**  
**Philadelphia PA 19103**

### User Safety Recommendations

#### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal Instructions listed below.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, and shoes plus socks.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not allow children or pets to go into treated areas or to contact treated surfaces until spray has dried.

### GENERAL INFORMATION

F1785 GH is a water dispersible granular formulation containing 8 ounces of flonicamid per pound. Flonicamid is a novel chemistry with no cross-resistance to organophosphates, carbamates and pyrethroids.

It is to be used for pest control of ornamental plants in greenhouses and interiorscapes. Do not apply to food crops (fruits, nuts, or vegetables).

F1785 GH stops insect feeding within 30 minutes, but insects may remain on plants for up to 5 days. F1785 GH gives excellent residual control.

### Mixing Instructions

Thoroughly wash out spray equipment before using F1785 GH. Use a calibrated measuring device to measure the required amount of F1785 GH. When diluting, first add approximately half of the water to the spray tank, then add the required quantity of F1785 while agitating. Then fill the remainder of the tank with water and continue agitating until thoroughly mixed. Occasionally agitate sprayer during use to assure even coverage. Shake or re-agitate sprayer before use if application is interrupted. Do not apply this product through any type of irrigation system.

**IF SPRAY SCREENS ARE USED  
THEY SHOULD BE 50 MESH OR LARGER.**

### Tank Mixing Instructions

When tank mixing F1785 GH with other pesticides, observe all precautions and limitations on each separate label. The physical compatibility of F1785 GH may vary with different sources of pesticide products, and local cultural practices. Any tank mixture which has not been previously tested should be prepared on a small scale.

Using a jar that is able to contain a minimum of a quart, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

If mixture is physically compatible, add 1/2 of the required amount of water to the mix tank. Start the agitator before adding any tank mix partners. Add products in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates.

Always allow each tank partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

Note: If using F1785 GH in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank mix partner, including F1785 GH. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using F1785 GH in a tank mixture, observe all directions for use, plants/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing.

Note: Do not allow tank mix to stand overnight.

### ORNAMENTAL APPLICATIONS

#### GREENHOUSE and INTERIORSCAPE

Use in greenhouses is covered by the requirements of the Worker Protection Standard, 40 CFR part 170. See specific instructions on this label for protective clothing and other requirements under that Standard.

**Indoor Use Precautions:** Apply only in well-ventilated areas. Do not apply when occupants are present in the immediate area. Cover fish tanks prior to application. Do not spray where electrical short circuits might result, such as wall outlets, conduit, switch boxes, or motor housings. Apply to ornamental plants only. Do not apply to food crops.

### Ornamental Pests

Apply F1785 GH at a rate of 20 to 120 grams product per 100 gallons (see table below for pest specific rates and comments). Treat when insects appear. Use the high rate for heavy infestations. A surfactant may be used as necessary at labeled surfactant concentrations. Repeat applications every 7-28 days as necessary or earlier depending on pest response and watering practices. For improved knockdown of heavy infestations, apply as a tank mix with a pyrethroid or other fast acting material.

Pests	Product Rate per 100 gallons	Active Ingredient Rate per 100 gallons	Comments
Aphids such as <i>Acyrtosiphon</i> Species <i>Aphis</i> species <i>Dactynotus</i> species Green Peach <i>Myzus persicae</i> <i>Macrosiphon</i> species <i>Rhopalosiphum</i> species	0.045 to 0.134 lb (20 to 60 grams) (0.7 to 2.1 oz)	0.022 to 0.067 lb ai (10 to 30 grams ai) (0.35 to 1.05 oz ai)	Re-apply every 7 to 28 days as necessary
Thrips such as: Western Flower Thrips <i>Frankliniella occidentalis</i> Thrips species	0.134 to 0.180 lb (60 to 80 grams) (2.1 to 2.9 oz)	0.067 to 0.090 lb ai (30 to 40 grams ai) (1.05 to 1.45 oz ai)	Re-apply every 7 to 28 days as necessary
Whiteflies such as: Greenhouse Whitefly <i>Trialaurades vaporariorum</i> Sweet Potato Whitefly <i>Bemisia tabaci</i>	0.180 to 0.268 lb (80 to 120 grams) (2.9 to 4.3 oz)	0.090 to 0.134 lb ai (40 to 60 grams ai) (1.45 to 2.15 oz ai)	Re-apply every 7 to 28 days as necessary
Leafhoppers Mealybugs Plant Bugs Scale Stinkbugs	0.134 to 0.268 lb (60 to 120 grams) (2.1 to 4.3 oz)	0.067 to 0.134 lb ai (30 to 60 grams ai) (1.05 to 2.15 oz ai)	Re-apply every 7 to 28 days as necessary

### Ornamental Plants

For use on herbaceous and woody ornamental plants, annuals, and perennials.

F1785 has demonstrated excellent plant safety; even so, all varieties of plants have not been fully tested. When treating large numbers of plants of a single variety, or when treating material not specifically listed above, spray a few plants and observe for phytotoxicity prior to full scale application. Wait 5-7 days after treatment to evaluate trial results.

### Recommended Volumes of Spray Solution Per Acre for Ornamental Plants Based on Height

Plant Height	Volume per acre
Up to 1ft	Up to 25 gal
1ft - 2 ft	50 gal
2 ft - 4 ft	100 gal
4 ft - 6 ft	150 gal
> 6 ft	200 gal

### RESISTANCE MANAGEMENT

Treatment may not be effective if tolerant strains develop. To reduce the potential for developing pest resistance to this product, alternate with insecticides from different classes of chemicals with different modes of action.

#### Resistance Management Strategy:

Do not apply F1785 GH more than two (2) times consecutively before rotating to another chemistry.

### Dealers Should Sell in Original Packages Only

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Use of Product:** FMC's recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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