

228-448

08/10/2005

1/17



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 228-448	<b>2. EPA Product Manager</b> Mariilyn Mautz	<b>3. Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Multitude 75WSP Insecticide	<b>PM#</b> 1	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Nufarm Americas, Inc. 1333 Burr Ridge Parkway Suite 125A Burr Ridge, IL 60527  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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**NOTIFICATION**  
**AUG 12 2005**

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Label notification consistent with PRN98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt    No. per container			
<b>3. Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) Retail Container</b>		<b>5. Location of Label Directions</b> <input type="checkbox"/>	
<b>6. Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> George Meindl george.meindl@us.nufarm.com	<b>Title</b> Registration Manager	<b>Telephone No. (Include Area Code)</b> 708.755.7277
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>6. Date Application Received</b> (Stamped)
<b>2. Signature</b> 	<b>3. Title</b> Registration Manager	
<b>4. Typed Name</b> George Meindl	<b>5. Date</b> 7/20/2005	

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2/13  
NOTIFICATION  
AUG 12 2005

# MULTITUDE™ 75 WSP INSECTICIDE

**KILLS FIRE ANTS**

<b>ACTIVE INGREDIENT:</b>		
Acephate (O,S-Dimethyl acetylphosphoramidothioate) .....		75%
<b>OTHER INGREDIENTS:</b> .....		25%
	<b>TOTAL:</b> .....	100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION - CAUCION**

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.)

**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

NOTE: Spanish language is optional

EPA REG. NO. 228-448  
EPA EST. NO.

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
BURR RIDGE, IL 60527-0866



NET CONTENTS      LBS.

000228-00448.20050719.added 1 lb.



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION - CAUCION**

Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly after handling. Do not allow children or pets to come into contact with treated areas until sprays have dried.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Some materials that are chemical-resistant to this product are those made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection sheet.

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt and long pants
- socks and shoes
- chemical-resistant gloves for all mixers and loaders and for applicators using hand-held application equipment.

In addition, all applicators using low pressure hand wand application equipment must wear:

- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter. See Engineering Controls for additional requirements.

**Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Controls**

Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must: wear the personal protective equipment required above for mixers /loaders, and be provided and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown the following PPE: coveralls, chemical-resistant footwear and a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

The use of human flaggers is prohibited.

<b>FIRST AID</b>	
<b>Acephate is an organophosphate, cholinesterase inhibitor.</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a 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>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 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>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<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 mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
This material contains a cholinesterase inhibitor. Measurement of blood cholinesterase activity may be useful in monitoring exposure but decisions regarding treatment will usually need to be made before test results are available. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal, 2-PAM (PROTOPAM) is also antidotal and may be used in conjunction with atropine but should not be used alone.	

### 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or soil-incorporate spills.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

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. Do not apply this product through any type of irrigation system.

Do not use low pressure hand wand applicator except when applying as a fire ant mound treatment or as a non-agricultural use including non-agricultural use on ornamental trees, shrubs, and floral plants. Do not use low pressure hand wand application equipment for perimeter treatments nor for use against wasps.

### 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 24 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, shoes plus socks and chemical-resistant headgear for overhead exposure.

### 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 enter or allow others to enter until sprays have dried.

### TANK MIXES

**NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.**

Read and follow the entire label of each product to be used in the tank mix with this product.

### SPRAY DRIFT REDUCTION

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

Do not make aerial or ground applications into areas of temperature inversion. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permission by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, apply with nozzle height no more than 4 feet above ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. For ground boom applications use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.

For airblast applications, direct spray above foliage and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3 to 10 mph at the application site as measured by an anemometer outside of the treated area on the upwind side.

For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3 to 10 mph as measured by an anemometer. For aerial applications use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

**WATER SOLUBLE PACKAGING**

**PACKAGING**

The bag contains multiple water soluble pouches of this product. Do not handle the pouches with wet gloves or allow the pouches to become wet prior to addition to spray tank. Do not break open pouches. Refer to Tables of Equivalents to calculate the number of pouches to use. If all pouches are not used, close and reseal outer container to protect remaining pouch(es).

**PREPARATION OF SPRAY SOLUTION**

To prepare spray solution, drop the unopened pouch(es) of this product into a spray tank containing at least one-half the total quantity of water required. Direct water at the floating pouch(es) and continue to add water with the agitator running until the spray volume is reached. Do not add any liquid fertilizers, micronutrients or adjuvants to the spray solution until after the pouch(es) and its contents have completely dissolved. Water soluble pouch(es) should completely dissolve in approximately five minutes. Dissolution rate may be slowed by cold water, lack of agitation, or water containing high concentrations of boron or sulfur.

**TABLES OF EQUIVALENTS - MULTITUDE WSP**

Amount of WSP	1-1/3 pounds	1 pound	2/3 pound	1/3 pound
Amount Active Contained	1 pound	3/4 pound	1/2 pound	1/4 pound

Rate of WSP Per 100 Gallons Water	Number of 1/3 pound Pouch(es) Per 100 Gallons Water
1/3 pound	1
2/3 pound	2
1 pound	3
1-1/3 pounds	4

Rate of WSP		Treatment Area Per 1/3 Pound Pouch	
Per Acre	Per 1,000 Square Feet	Acres	Square Feet
1-1/3 pounds	0.5 ounce	0.25	11,000
2-2/3 pounds	1.0 ounce	0.12	5,400

Rate of WSP Per 100 Gallons Water	Number of 100 Gallons Water per 1 pound pouch
1/3 pound	300
2/3 pound	150
1 pound	100
1-1/3 pounds	75

Rate of WSP		Treatment Area Per 1 Pound Pouch	
Per Acre	Per 1,000 Square Feet	Acres	Square Feet
1-1/3 pounds	0.5 ounce	0.75	32,000
2-2/3 pounds	1.0 ounce	0.38	16,000

6/17

TABLE OF EQUIVALENTS FOR 2 POUND POUCH		TABLE OF EQUIVALENTS FOR 2 POUND POUCH			
Rate of WSP Per 100 Gallons Water	Number of Gallons Water per 2 pound Pouch	Rate of WSP		Treatment Area Per 2 Pound Pouch	
1/3 pound	600	Per Acre	Per 1,000 Square Feet	Acres	Square Feet
2/3 pound	300	1-1/3 pounds	0.5 ounce	1.50	64,000
1 pound	200	2-2/3 pounds	1.0 ounce	0.75	32,000
1-1/3 pounds	150				

**SPECIALTY USES CONTAINER-GROWN NURSERY STOCK**

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Container Grown Nursery Stock (Aborvitae Azalea Camellia Rhododendron Roses Viburnum Yew)	Black Vine Weevil Strawberry Root Weevil	1 pound (16 ounces)	Application should be made by mid- September for greenhouse stock and by mid-October for outdoor stock. Consult your local county extension agent for information on the identification and control of root weevils on ornamentals.	Apply the specified amount of this product per 100 gallons of solution as as to thoroughly drench the root system.
	Ants (Including Imported Fire Ants and Harvester Ants*)	1 pound (16 ounces)	Apply as needed to control the pest.	

\*Not registered in CA for control of Harvester Ants.

**SPECIALTY USE NON-CROP AREAS  
FIELD BORDERS, FENCE ROWS, ROADSIDES AND WASTELAND**

CROP	INSECTS	MOUND TREATMENT - DRENCH METHOD	FURTHER USE INSTRUCTIONS
Non-Crop Areas	Ants (Including Imported Fire Ants and Harvester Ants*)	Mix 1/3 pound in 26.6 gallons of water. Apply 1 gallon of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active. Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest. Grass in treated area may be injured. Do not treat mound more than once per season.

\*Not registered in CA for control of Harvester Ants.

7/17

**ORNAMENTAL TREES AND SHRUBS**

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Trees and Shrubs (Except Flowering Crabapple, see next page)	Aphids Bagworms Birch Leafminer Lace Bugs Leafrollers Tent Caterpillars*	1/3 pound (5.3 ounces)	As the insects begin to appear.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer. The addition of a suitable sticker improves control of Gypsy Moth larvae.
	Douglas Fir Tussock Moth Larvae Gypsy Moth Larvae* Webworms	2/3 pound (10.5 ounces)	As the insects begin to appear.	*Mist blower application: Adjust rates to 1-1/3 pounds per 100 gallons water for Tent Caterpillar control.
	Scale (Crawlers)	2/3 pound (10.5 ounces)	As crawlers begin to appear. Repeat applications, at a 2 week or more interval, may be necessary where there is continuous crawler production.	Do not apply to Huckleberry, Balm of Gilead, Cottonwood, Lombardy Poplar and Viburnum suspensum. <b>Nursery crops:</b> Before treating large plantings, spray only a few plants and observe two weeks for phytotoxicity.
	Ponderosa Pine Needle Miner	2/3 pound (10.5 ounces)	Time of application is important. Consult your Farm Advisor or County Extension Agent.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray.
	Grasshoppers	2/3 pound (10.5 ounces)	As the grasshoppers begin to appear.	
	California Oakworm Cankerworms (Spring and Fall)	1/3 to 2/3 pound (5.3 to 10.5 ounces)	As the insects begin to appear. Use the higher amount when the larger larvae are present.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer.
	Nantucket Pine Tip Moth Larvae	1 pound (16 ounces)	Time of application is important. Consult your Farm Advisor or County Extension Agent. Repeat applications will be required for subsequent generations.	(Continued)

8/17

ORNAMENTAL TREES AND SHRUBS (continued)

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Trees and Shrubs (Except Flowering Crabapple, see below)  (continued)	Root Weevil Adults	1 pound (16 ounces)	Apply when first feeding damage occurs. Repeat applications, at four week intervals until the first heavy frost, may be necessary for complete foliage protection.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray.
	Box Elder Bugs Budworms Leafhoppers Sawflies	1 pound (16 ounces)	As the insects begin to appear.	
	Japanese Beetle	1-1/3 pounds (21.3 ounces)	As the Japanese Beetles begin to appear. Repeat applications, at 2 week intervals, may be necessary.	
	Elm Leaf Beetle (larvae)	1-1/3 pounds (21.3 ounces)	As the larvae begin to appear. This product will not prevent Elm Leaf Beetle eggs from hatching.	
Douglas Fir (Christmas Trees)	Douglas Fir Needle Midge	2/3 pound (10.5 ounces) (2.3 pound per acre)	Application should be made no more than 2 weeks prior to bud burst. For additional pest management information, consult your County Extension Service.	Apply the specified amount of spray product in not less than 2 gallons of spray per acre by air or in 100 gallons of spray per acre by ground.
Flowering Crabapples	Aphids Leafrollers Tent Caterpillars	1/3 pound (5.3 ounces)	As the insects begin to appear.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer.  Do not apply more often than 3 times in a growing season at a 4 week interval.  <b>Caution:</b> Phytotoxicity has occurred on the following Crabapple varieties: Hopa, Ichonoski, Malus floribunda, Pink Perfection, Red Wine and Snow Cloud.

The minimum reapplication intervals are 3 days if applying 0.5 lb. a.i./acre or less and 7 days if applying greater than 0.5 lb. a.i./acre.



9/17

**GOLF COURSE AND SOD FARM TURFGRASS**

**DO NOT ALLOW LIVESTOCK TO GRAZE TREATED AREAS. DO NOT FEED TREATED GRASS TO LIVESTOCK.**

Aerial application to turf is prohibited. Do not exceed a single application rate of 3 lbs a.i./acre for sod farms and 4 lbs a.i./acre for golf courses. If harvesting sod, a 3 day preharvest interval applies.

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 1,000 SQUARE FEET		TIME OF APPLICATION	RECOMMENDED APPLICATION
		GOLF COURSE	SOD FARM TURFGRASS		
Turf (Golf Course and Sod Farm Turfgrass only)	Fall Armyworm Yellow Striped Armyworm Southern Armyworm	1/2 to 1.2 ounces (1-1/3 to 3-1/4 pounds per acre)	1/2 to 1.2 ounces (1-1/3 to 3-1/4 pounds per acre)	As the insects appear. A repeat application at 2 week intervals may be necessary.	Apply the specified amount of spray product per 1,000 square feet. Use a minimum of 5 gallons of water per 1,000 square feet to obtain good coverage.
	Cutworm	1.2 to 1.9 ounces (3-1/4 to 5-1/4 pounds per acre)	1.2 to 1.4 ounces (3-1/4 to 4 pounds per acre)		
	Chinch Bugs	1.2 to 1.9 ounces (3-1/4 to 5-1/4 pounds per acre)	1.2 to 1.4 ounces (3-1/4 to 4 pounds per acre)	Apply as needed for adult population knockdown (10 to 14 days).	Apply the specified amount of spray product per 1,000 square feet. Use 1 to 15 gallons water per 1,000 square feet to obtain good coverage.
	Fleas	1.2 to 1.9 ounces (3-1/4 to 5-1/4 pounds per acre)	1.2 to 1.4 ounces (3-1/4 to 4 pounds per acre)	Apply as needed for knockdown (7 to 10 days) only of existing adult populations.	
	Sod Webworm ( <i>Crambus</i> spp.)	1/2 to 1 ounce (1-1/3 to 2-3/4 pounds per acre)	1/2 to 1 ounce (1-1/3 to 2-3/4 pounds per acre)	As sod webworms begin to appear. Use the higher amount when quick knockdown is needed or with heavy infestations. Repeat application may be necessary. Do not repeat at more than 1 week intervals.	
	Leathopper	1 ounce (2-3/4 pounds per acre)	1 ounce (2-3/4 pounds per acre)	As the leafhoppers begin to appear. A repeat application at 1 week intervals may be necessary.	

10/17

**GOLF COURSE AND SOD FARM TURFGRASS (continued)**

**DO NOT ALLOW LIVESTOCK TO GRAZE TREATED AREAS. DO NOT FEED TREATED GRASS TO LIVESTOCK.**

Aerial application to turf is prohibited. Do not exceed a single application rate of 3 lbs a.i./acre for sod farms and 4 lbs a.i./acre for golf courses. If harvesting sod, a 3 day preharvest interval applies.

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 1,000 SQUARE FEET		TIME OF APPLICATION	RECOMMENDED APPLICATION
		GOLF COURSE	SOD FARM TURFGRASS		
Turf (Golf Course and Sod Farm Turfgrass only)	Mole Crickets (Except CA) Spittlebug (Except CA)	1.0 to 1.9 ounces (2-2/3 to 5-1/4 pounds per acre)	1.0 to 1.4 ounces (2-2/3 to 4 pounds per acre)	As mole crickets begin to appear. For knockdown of existing populations, more than one application may be required throughout the growing season. For heavy infestations, use the higher dosage rate.	Apply the specified amount of spray product per 1,000 square feet. Use 1 to 15 gallons water per 1,000 square feet to obtain good coverage. Apply during late afternoon or early evening hours and after an irrigation. Do not irrigate after application. The use of lemon fragrance substance in the spray mix may enhance control by acting as a flushing agent and thus provide increased mole cricket contact with the spray product. The following lemon-scented products have been shown to be effective flushing agents: Lemon Joy, Lemon Palmolive, and Mighty Mryt Products Manufacture-Base Pure Lemon Fragrance. The use rate for these lemon-scented products is 2 teaspoons per gallon of water for small total mix volumes or 6 fluid ounces per 50 gallons of water for large total mix volumes.
	Greenbug ( <i>Schizaphis graminum</i> ) Grasshoppers	1/2 ounce (1-1/3 pounds per acre)	1/2 ounce (1-1/3 pounds per acre)	Apply when insects or their damage first appear. Repeat as necessary. Application is not to be repeated at more than 1 week intervals.	Apply the specified amount of spray product. Use 4 gallons of water per 1,000 square feet to obtain good coverage. Do not mow turfgrass for at least 24 hours after application.
	Black Turfgrass Ataenius (Except CA)	1.5 to 1.9 ounces (4 to 5-1/4 pounds per acre)	1.4 ounces (4 pounds per acre)	Apply when insects or their damage first appear.	Apply the specified amount of spray product per 1,000 square feet. Use a minimum of 5 gallons water per 1,000 square feet. Irrigate lightly after application (not more than 1/2 inch). Use the higher rate for severe infestations.
Dichondra (Plant site for Golf Course and Sod Farm Turfgrass)	Cutworm Flea Beetle Southern Armyworm Yellow Striped Armyworm	1.0 to 1.9 ounces (2-3/4 to 5-1/4 pounds per acre)	1.0 to 1.4 ounces (2-3/4 to 4 pounds per acre)	As the insects appear. Repeat at 2 week intervals as necessary.	Apply the specified amount of spray product per 1,000 square feet. Use a minimum of 15 gallons of water per 1,000 square feet to obtain good coverage.

When using on sod farm turfgrass the minimum reapplicator intervals are 3 days if applying 0.5 lb. a.i./acre or less and 7 days if

11/17

applying greater than 0.5 lb. a.i./acre.

**MOUND TREATMENT OF FIRE ANTS AND HARVESTER ANTS IN TURFGRASS**

PLANTS	INSECTS	AMOUNT OF WSP	TIME OF APPLICATION	RECOMMENDED APPLICATION
Turfgrass Residential, Recreational and Commercial Turf	Imported Fire Ants and Harvester Ants*	<b>Mound Treatment - Drench Method:</b> Mix 1/3 pound in 26.6 gallons of water. Apply 1 gallon of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active.  Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest.	Apply the specified amount of WSP as directed.  Grass in treated areas may be injured.  Do not treat mound more than once per season.

\*Not registered in CA for control of Harvester Ants.

**OUTDOOR AND PERIMETER SPRAY**

LOCATION	INSECTS	AMOUNT OF SPRAY PRODUCT PER GALLON	TIME OF APPLICATION	RECOMMENDED APPLICATION
Outdoor and Perimeter Area	Wasps	1.6 ounces (0.10 pounds) Mix 1/3 pound in 3.3 gallons of water	Treat early or late in the day, as wasps are generally less active during these times.	Apply specified amount of spray product per each gallon of water used.  Apply as a spot treatment to the nest, nest entrance, and surrounding areas where the wasps alight.
	Ants (Including Imported Fire Ants and Harvester Ants*) Crickets Cockroaches Earwings Pillbugs	1.6 ounces (0.10 pounds) Mix 1/3 pound in 3.3 gallons of water	As the insects appear.	Apply specified amount of spray product per each gallon of water used. Apply to a band of soil 6 to 10 feet adjacent to the structure and to a height of 2 to 3 feet on the foundation where pests may be active or may find entrance. Also apply as a residual spray or with a paint brush to surfaces of buildings, window frames, shutters, entryways, screens, eaves, patios, garages, carports, around garage areas and other areas where these pests congregate.

**NOTE:** Not for use on residential turfgrass.

\*Not registered in CA for control of Harvester Ants.

12/13

## OUTDOOR FLORAL CROPS AND GROUND COVERS

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Chrysanthemums Dahlias Daisies Easter Lily Gladioli <i>Gypsophila</i> Pachysandra Pansy Peony Roses Sedum Statice Strawflower Yarrow Zinnia	Aphids Thrips Lygus	2/3 pound (10.5 ounces)	As insects begin to appear. Repeat applications may be necessary.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray. Multiple applications may cause slight tip burn or marginal leaf necrosis on some varieties. Test on a few plants to determine varietal susceptibility.
Boston Ivy Roses	Japanese Beetle	1-1/3 pounds (21.3 ounces)	As the Japanese Beetles begin to appear. Repeat applications at 2 week intervals may be necessary.	

13/17

**GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS**

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Roses	Leafrollers	2/3 to 1 pound (10.5 to 16 ounces)	As leafrollers begin to appear. Use the higher amount when the large larvae are present.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray.
Foliage Plants Anthuriums Cacti Orchids Poinsettia	Aphids	1/3 pound (5.3 ounces)	As aphids begin to appear.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray. The addition of a wetting agent may be required on difficult to wet foliage.
	Mealybugs Thrips Whiteflies	2/3 pound (10.5 ounces)	As the insects begin to appear. A repeat application, at a 2 week interval, may be necessary for control of mealybugs and whiteflies.	<b>Caution:</b> Phytotoxicity has occurred on the following foliage plants: <i>Blechnum gibbum</i> , <i>Cissus antarctica</i> , <i>Ficus triangularis</i> , <i>Fittonia verschaffelii</i> , <i>Maranta leuconeura kerchoveana</i> , <i>Pachystachya lutea</i> , <i>Plectranthus australis</i> , <i>Polypodium aureus</i> , <i>Polystichum</i> , <i>Pteris ensiformis</i> , <i>Tolmiea menziesii</i> .  Before treating large plantings spray only a few plants and observe two weeks for varietal phytotoxicity.  Application of spray product on Poinsettias after bract formation may result in phytotoxicity on certain varieties.
	Scale (Crawlers)	2/3 pound (10.5 ounces)	As crawlers begin to appear. Repeat applications, at a 2 week or more interval, may be necessary where there is continuous crawler production.	
	Sweet Potato Whiteflies (Except CA)	1/3 pound (5.3 ounces) plus Fenpropathrin 2.4% EC 10-2/3 fluid ounces (0.2 pound ai)	Apply when insects first appear. If a population is well established, make one application of the tank mix and follow 5 to 7 days later with Fenpropathrin 2.4% EC alone at 16 fluid ounces per 100 gallons. See Fenpropathrin 2.4% EC label for instructions.	For sweet potato whitefly control, apply the specified amount of spray product plus Fenpropathrin 2.4% EC Spray as a tank mix at a volume necessary to obtain good coverage. Follow the Fenpropathrin 2.4% EC label for specific instructions on the alternation of Fenpropathrin 2.4% EC plus Acephate and Fenpropathrin 2.4% EC alone and the rotation instructions to avoid potential resistance.  <b>(Continued)</b>

14/3

**GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS (continued)**

PLANTS	INSECTS	AMOUNT OF SPRAY PRODUCT PER 100 GALLONS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Carnations Chrysanthemums Roses	Aphids Thrips	2/3 pound (10.5 ounces)	As aphids begin to appear.  As thrips begin to appear or at the tight flower bud stage. Repeat applications may be necessary.	Apply the specified amount of spray product in 100 gallons of water with a hydraulic sprayer as a full coverage spray.  Do not apply more often than once every 28 days to Carnations and Chrysanthemums.  <b>Caution:</b> Phytotoxicity has occurred on the following Chrysanthemum varieties: Albatross, Bonnie Jean, Dixie, Garland, Gem, Iceberg, Pride, Showoff, Statesman, Tally Ho, Westward Ho and Wild Honey.  Before treating large Chrysanthemum plantings, spray only a few plants and observe two weeks for varietal phytotoxicity. Do not apply to Chrysanthemums and Roses with open flowers.

For greenhouse and outdoor ornamentals, the maximum application rate is 1 lb. a.i./acre per 100 gallons of water. Not to exceed 0.75 lb. a.i./acre for cut flowers and 1.0 lb. a.i./acre for all other ornamentals. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

**Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**

**NOTE:** The product is sold by weight and package is full when packed, but due to fluffy nature, this material is inclined to settle.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.  
**PESTICIDE STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or foodstuffs. Do not store or transport near feed or food. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC (800) 424-9300.  
**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:** Do not reuse the outer bag. Dispose of outer bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke,

**Conditions of Sale and Limitation of Warranty and Liability:**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Desirable plant injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of Nufarm or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nufarm and Seller harmless for any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. NUFARM MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT. Any**

19/13

warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Nufarm, and Buyer assumes the risk of any such use.

To the extent allowed by law, Nufarm or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NUFARM AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR AT THE ELECTION OF NUFARM OR SELLER, THE REPLACEMENT OF PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

(RV062905)

Multitude is a trademark of Nufarm Americas Inc.

14/17

**MULTITUDE 75 WSP Insecticide**

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
Acephate (O,S-Dimethyl acetylphosphoramidothioate . . . . .	75%
<b>OTHER INGREDIENTS:</b> . . . . .	<u>25%</u>
<b>TOTAL</b> . . . . .	<b>100%</b>

EPA Reg. No. 228-448

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

REFER TO OUTER CONTAINER LABEL FOR  
USE DIRECTIONS AND PRECAUTIONS.

**NET WEIGHT 1 POUND**

Width - 3.625" (3-5/8)  
Height - 3.625" (3-5/8)





17/13  
Nufarm Americas, Inc.  
George Meindl  
Registration Manager  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527  
Phone: 708.755-7277 Fax: 708.754.0314  
george.meindl@us.nufarm.com

July 20, 2005

Via Overnight Courier

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1801 Bell Street  
Arlington, VA 22202-4501

Subject: Multitude™ 75WSP Insecticide  
EPA Reg. No. 228-448  
Label notification per PR98-10

Dear Ms. Hobgood:

Nufarm America, Inc would like to make label changes to the subject registration. We feel that these label changes are permitted and consistent with PRN98-10 section II (Labeling notifications) and part E (Changes in Packaging and Related Labeling Statements).

Specifically we have added another water soluble bag size to the subject registration. The registration was granted originally with 1/3 pound and 2 pound water soluble pouch language. At this time we would like to add a 1 pound water soluble pouch to the existing registration.

To process this request please find enclosed the following:

- Application for Pesticide Registration (EPA form 8570-1)
- Revised labeling with areas of change clearly identified (1 copy)
- A 1 pound water soluble pouch label
- Revised labeling - clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at 708.755.7277 or email at [george.meindl@us.nufarm.com](mailto:george.meindl@us.nufarm.com).

Sincerely,

George Meindl  
Registration Manager  
Nufarm Americas, Inc.

