

55146-117

7/26/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Chemical Safety and Pollution Prevention  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

55146-117

Date of Issuance:

JUL 26 2012

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

SPIRATO IM 413 FS

Name and Address of Registrant (include ZIP Code):

Nufarm Americas Inc. AGT Division  
150 Harvester Drive  
Burr Ridge, IL 60527

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No 55146-117."

Signature of Approving Official:

Date:

*Venus Eagle*  
Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch, Registration Division (7505P)

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3. Storage stability (830.6317) and corrosion characteristics (830.6320) data must be submitted within 18 months from the date of this registration notice.

4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions, please contact Autumn Metzger at 703-305-5314 or metzger.autumn@epa.gov.

A stamped copy of the label is enclosed for your records.

Venus Eagle  
Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# SPIRATO™ IM 413 FS

For use as a seed treatment to protect seed and seedlings of listed legume vegetables (including soybeans) against listed insect and crop diseases.

<b>ACTIVE INGREDIENT:</b>	
Imidacloprid.....	27.41%
Metalaxyl.....	6.85%
Fludioxonil.....	1.11%
<b>OTHER INGREDIENTS:</b> .....	<b>64.63%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

Contains 2.67 lbs imidacloprid, 0.67 lbs metalaxyl, and 0.11 lbs fludioxonil per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

EPA REG. NO. 55146 - RRT  
 EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
 NUFARM AMERICAS INC.  
 AGT DIVISION  
 150 HARVESTER DRIVE  
 BURR RIDGE, IL 60527



ACCEPTED  
 With COMMENTS  
 In EPA Letter Dated:  
**JUL 26 2012**  
 Under the Federal Insecticide, Fungicide  
 and Rodenticide Act, As amended, for the  
 pesticide Registered under EPA Reg. No:  
55146-117

NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ Liters)  
 [Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

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### FIRST AID

**IF SWALLOWED**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- **DO NOT** induce vomiting unless told to by a poison control center or doctor.
- **DO NOT** give anything by mouth to an unconscious person.

### HOT LINE 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 1-877-325-1840 for emergency medical treatment information.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks

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 Statement

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### 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.

### ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish and aquatic invertebrates. For terrestrial use, **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate. Cover or incorporate spilled treated seeds.

**Groundwater Advisory:** Metalaxyl is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**Pollinator Precautions:** Imidacloprid is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Ensure that planting equipment is functioning properly in accordance with manufacturer specification to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

## DIRECTIONS FOR USE

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

For use in commercial seed treatment facilities or as an end use seed treatment on agricultural establishments at or immediately before planting This product is to be used in liquid or slurry treaters only

**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**

**Exception** If the seed is treated with the product and the treated seed is soil injected or soil incorporated the Worker Protection Standard under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated 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
- Shoes plus socks

**PRODUCT INFORMATION**

SPIRATO IM 413 FS is a seed treatment product that protects against certain early season insects soil borne and seed borne diseases of listed crop plants SPIRATO IM 413 FS contains the active ingredients imidacloprid metalaxyl and fludioxonil

Imidacloprid is a systemic seed treatment insecticide in the neonicotinoid class Imidacloprid protects against listed chewing and sucking insect pests

Metalaxyl is a fungicide which protects against *Pythium Phytophthora* and systemic downy mildew

Fludioxonil is a fungicide which protects against *Fusarium Rhizoctonia* and suppresses seed borne *Sclerotinia* and *Phomopsis* spp

When using this product on farm for seed treatment prior to planting you must comply with the following USE RESTRICTIONS If treated seed will not be immediately planted but will be stored for planting at a later date you must label the treated seed according to the SEED BAG LABELING REQUIREMENTS specified on this label

**USE RESTRICTIONS**

**DO NOT** use as a planter (hopper) box treatment

**CALIFORNIA** Only for use in commercial seed treatment facilities not allowed for on farm use

**ON FARM TREATMENT DO NOT** apply this product through any type of irrigation system

**DO NOT** use for feed food or oil purpose

Excess treated seed may be used for ethanol production only if (1) by products are not used for livestock feed and (2) no measurable residues of pesticides remain in the ethanol by products that are used in agronomic practice

Store away from feeds and foodstuffs

Treated seed must be planted into the soil at a depth greater than 1 inch

Treated seeds exposed on soil surface may be hazardous to wildlife Cover or collect treated seeds that are spilled during handling

Dispose of all excess treated seed Leftover seed may be doublesown around the headland or buried away from water sources in accordance with local requirements

**DO NOT** contaminate water bodies when disposing of planting equipment wash water

In the event of a crop failure or harvest of a crop grown from SPIRATO IM 413 FS treated seed the field may be replanted immediately to artichoke barley Brassica (cole) leafy vegetables canola cilantro corn (field or sweet) cotton

cranberry cucurbits eggplant groundcherry leafy petiole vegetables leafy vegetables legume vegetables (succulent or dried) mustard seed oats okra pepinos pepper popcorn potato rapeseed sorghum soybean strawberry sugarbeets tomatillo tomato triticale turnip greens root and tuber vegetables watercress and wheat For cereals including buckwheat millet oats rice and rye and for safflower the minimum plant back interval is 30 days from the date SPIRATO IM 413 FS treated seed was planted Cover crops for soil building or erosion control may be planted at any time but do not graze or harvest for food or feed For all other crops not listed on an imidacloprid metalaxyl or fludioxonil label or for crops for which no imidacloprid metalaxyl or fludioxonil tolerance for the active ingredient has been established a 12 month plant back interval must be observed

**DO NOT** allow children pets or livestock to have access to treated seed

The maximum application rate (all imidacloprid uses seed treatment foliar application soil application) per acre per year for imidacloprid is 0.5 lbs **DO NOT** use more than 0.5 lb (226.8 mg) per acre per year

**DO NOT** apply a neonicotinoid insecticide within 45 days of planting seed treated with SPIRATO IM 413 FS

### MIXING INSTRUCTIONS

Mix thoroughly before use or use entire container at one time All tank mixes should be pre tested to determine physical compatibility between formulations Follow the most restrictive precautions and limitations on labeling of all products used in mixtures

Apply SPIRATO IM 413 FS as a water based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage Uneven or incomplete seed coverage may not give the desired level of disease control Thoroughly mix the specified amount of SPIRATO IM 413 FS into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used

**IMPORTANT** Always recirculate SPIRATO IM 413 FS thoroughly before using The typical density of SPIRATO IM 413 FS is 9.7 lbs per gallon Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment Follow the manufacturer application instructions for the seed treatment equipment being used

Certain crops require addition of inoculants when the seed is treated or planted SPIRATO IM 413 FS is compatible with several liquid inoculant products Consult the maker of the inoculant product and a Nufarm Americas representative for directions before applying SPIRATO IM 413 FS with inoculants

Under certain disease conditions additional amounts of fungicides may be required When needed apply additional SEBRING 318 FS (metalaxyl) and SPIRATO 480 FS (fludioxonil) according to the label **USE SPECIFICATIONS** Other tank mix partners may be used with SPIRATO IM 413 FS however the user must consider the use rate formulation seed and crop safety factors and compatibility of each product to be mixed when determining the total application volume

The total application volume must be sufficient to provide desired level of coverage Dilution is typically done with water or liquid inoculants The minimum slurry volume to achieve adequate coverage is 4.0 fluid ounces per 100 pounds of seed More diluent may be required to obtain complete coverage

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution

Allow seed to dry before bagging

Follow planter manufacture specifications for use of talc or other hopper box additives at planting

Seed must be completely dry before adding to planter

SPIRATO IM 413 FS contains an EPA approved dye/colorant that imparts an unnatural color to the seed as required by the Federal Seed Act

Treated seed must not be used for or mixed with food or animal feed or processed for oil Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act

### USE INFORMATION

TARGET INSECTS (All Uses)
<p>Early season protection against injury by aphids bean leaf beetle grape colaspis leaf miners leaf hoppers Mexican bean beetle seed corn maggot three cornered alfalfa hopper thrips white grubs and wireworm</p> <p>SPIRATO IM 413 FS also protects against pea leaf weevil in peas</p> <p>When treated according to the following directions for post planting protection against listed pests SPIRATO IM 413 FS will also provide protection during post treatment storage of the seed against damage from the following stored grain insects Indian Meal Moth (<i>Plodia interpunctella</i>) Rice Weevil (<i>Sitophilus oryza</i>) Red Flour Beetle (<i>Tribolium castaneum</i>) and Lesser Grain Borer (<i>Rhizopertha dominica</i>)</p> <p>If seed to be treated has existing infestations of stored grain insects fumigate the seed prior to treating with SPIRATO IM 413 FS and bagging</p>
TARGET DISEASES (All Uses)
<p>Protection against damping off and seed borne rots due to <i>Pythium Phytophthora Fusarium Rhizoctonia</i> species and <i>Phytophthora</i> root rot</p> <p>SPIRATO IM 413 FS also suppresses seed borne <i>Sclerotinia</i> and <i>Phomopsis</i> species</p>

### APPLICATION DIRECTIONS

**SEED AND POD VEGETABLES** (Black eyed peas Chickpeas Cowpeas Edible soybeans Garbanzos Green beans Kidney beans Lentils Lima beans Lupines Navy beans Pole beans Snap beans String beans Wax beans)

RATE OF SPIRATO IM 413 FS		OPTIONAL TREATMENT	
		WHEN TO ADD ADDITIONAL SEBRING 318 FS	
		ADDITIONAL SEBRING 318 FS (metalaxyl)	
Fl Oz / 100 lb of seed	Grams AI / 100 kg of seed	Fl Oz / 100 lb of seed	Grams AI / 100 kg of seed
3.0	62.4	0.375 to 0.75	7.8
	15.6		to
	2.5		15.6
	imidacloprid		
	metalaxyl		
	fludioxonil		
REMARKS			
<b>WHEN TO ADD ADDITIONAL SEBRING 318 FS (metalaxyl)</b>			
Add additional SEBRING 318 FS if target fields have a history of high <i>Phytophthora</i> pressure add additional SEBRING 318 FS as directed in the label use specifications The additional SEBRING 318 FS may reduce compatibility with some rhizobia inoculants Consult with the maker of rhizobia inoculants before adding the additional SEBRING 318 FS			
RESTRICTIONS			
<b>CA RESTRICTION</b> Seed and Pod Vegetables seed treated in California must be destined for planting in states other than California and is not to be planted in California			

**PEAS (field and garden)**

<b>RATE OF SPIRATO IM 413 FS</b>				<b>OPTIONAL TREATMENT</b> See Remarks section below <u>WHEN TO ADD ADDITIONAL SEBRING 318 FS</u> See Remarks section below <u>WHEN TO ADD ADDITIONAL SPIRATO 480 FS</u>			
				<b>ADDITIONAL SEBRING 318 FS</b> (metalaxyl)		<b>ADDITIONAL SPIRATO 480 FS</b> (fludioxonil)	
<b>Fl Oz / 100 lb of seed</b>		<b>Grams AI / 100 kg of seed</b>		<b>Fl Oz / 100 lb of seed</b>	<b>Grams AI / 100 kg of seed</b>	<b>Fl Oz / 100 lb of seed</b>	<b>Grams AI / 100 kg of seed</b>
15		31.2	imidacloprid	0.375	7.8	0.04	1.25
		7.8	metalaxyl	to	to		
		1.25	fludioxonil	1.125	23.2		
<b>REMARKS</b>							
<b>WHEN TO ADD ADDITIONAL SEBRING 318 FS (metalaxyl)</b> Add additional SEBRING 318 FS if target fields have a history of high <i>Phytophthora</i> pressure add additional SEBRING 318 FS as directed in the label use specifications The additional SEBRING 318 FS may reduce compatibility with some rhizobia inoculants Consult with the maker of rhizobia inoculants before adding the additional SEBRING 318 FS Use the higher listed rate (1.125 Fl Oz / 100 pounds of seed) for systemic downy mildew protection							
<b>WHEN TO ADD ADDITIONAL SPIRATO 480 FS (fludioxonil)</b> Add additional SPIRATO 480 FS if planting location has a history of high <i>Fusarium</i> or <i>Rhizoctonia</i> pressure add additional SPIRATO 480 FS as directed in the label use specifications							
<b>RESTRICTIONS</b>							
<b>CA RESTRICTION</b> Peas (field and garden) seed treated in California must be destined for planting in states other than California and is not to be planted in California							

**SOYBEANS**

<b>RATE OF SPIRATO IM 413 FS</b> Use Rate based on 3000 seeds / lb (150 000 seeds / 50 lb bushel)						<b>OPTIONAL TREATMENT</b> See Remarks section below <u>WHEN TO ADD ADDITIONAL SEBRING 318 FS</u>		
						<b>ADDITIONAL SEBRING 318 FS</b> (metalaxyl)		
<b>Fl Oz /</b>		<b>ml / 1 000 seeds</b>	<b>Grams AI / 100 kg of seed</b>	<b>mg AI / Seed</b>	<b>Fl Oz / 100 lb of seed</b>	<b>Grams AI / 100 kg of seed</b>		
<b>100 lbs seed</b>	<b>1 000 Seeds</b>						<b>140 000 seeds</b>	
3.0	0.01	1.4	0.2957	62.4 15.6 2.5	0.0946 0.0238 0.0038	imidacloprid metalaxyl fludioxonil	0.375 to 0.75	7.8 to 15.6
<b>REMARKS</b>								
<b>WHEN TO ADD ADDITIONAL SEBRING 318 FS (metalaxyl)</b> Add additional SEBRING 318 FS if target fields have a history of high <i>Phytophthora</i> pressure add additional SEBRING 318 FS as directed in the label use specifications The additional SEBRING 318 FS may reduce compatibility with some rhizobia inoculants Consult with the maker of rhizobia inoculants before adding the additional SEBRING 318 FS								
<b>IMPORTANT</b> To maintain mg ai / seed adjust fluid ounces / 100 lb of seed in proportion to the actual seed count / lb compared to the standard number of seeds / lb for that crop fluid ounces per number of seeds (i.e. 1000 80 000 140 000) does not need to be adjusted For example if there are actually 2800 soybean seeds / lb use 2800 - 3000 x 3.0 = 2.8 fl oz / 100 lb of seed								



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## SEED BAG LABELING REQUIREMENTS

Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the federal seed act. The user of this product is responsible for ensuring that the seed bag meets all requirements under the federal seed act.

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEEDS SHALL BE LABELED WITH THE FOLLOWING STATEMENTS.

- This seed has been treated with imidacloprid insecticide, metalaxyl and fludioxonil fungicide.
- **DO NOT** use for feed, food, or oil purpose.

THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH SPIRATO IM 413 FS:

- **Groundwater Advisory:** Metalaxyl is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- **Pollinator Precautions:** Imidacloprid is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Ensure that planting equipment is functioning properly in accordance with manufacturer specification to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- Store away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants and chemical resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds that are spilled during handling.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Dispose of all excess treated seed. Leftover seed may be doublesown around the headland or buried away from water sources in accordance with local requirements.
- **DO NOT** contaminate water bodies when disposing of planting equipment wash water.
- Dispose of seed packaging in accordance with local requirements.
- In the event of a crop failure or harvest of a crop grown from SPIRATO IM 413 FS treated seed, the field may be replanted immediately to artichoke, barley, Brassica (cole) leafy vegetables, canola, cilantro, corn (field or sweet), cotton, cranberry, cucurbits, eggplant, groundcherry, leafy petiole vegetables, leafy vegetables, legume vegetables (succulent or dried), mustard seed, oats, okra, pepinos, pepper, popcorn, potato, rapeseed, sorghum, soybean, strawberry, sugarbeets, tomatillo, tomato, triticale, turnip greens, root and tuber vegetables, watercress, and wheat. For cereals including buckwheat, millet, oats, rice and rye and for safflower; the minimum plant-back interval is 30 days from the date SPIRATO IM 413 FS treated seed was planted. Cover crops for soil building or erosion control may be planted at any time; but do not graze or harvest for food or feed. For all other crops not listed on an imidacloprid, metalaxyl, or fludioxonil label, or for crops for which no imidacloprid, metalaxyl, or fludioxonil tolerance for the active ingredient has been established, a 12-month plant-back interval must be observed.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- The maximum application rate (all imidacloprid uses: seed treatment, foliar application, soil application) per acre per year for imidacloprid is 0.5 lbs. **DO NOT** use more than 0.5 lb (226.8 mg) per acre per year.
- This seed has been treated with   X   mg imidacloprid,   X   mg metalaxyl, and   X   mg fludioxonil per seed.
- **DO NOT** apply a neonicotinoid insecticide within 45 days of planting seed treated with SPIRATO IM 413 FS.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticides remain in the ethanol by-products that are used in agronomic practice.

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool place, **DO NOT** store in direct sunlight. Protect from freezing temperatures.

**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 [HANDLING]:**

**[Note to Reviewer:** The following statement will be included on all Final Printed Labels bearing multiple Container Disposal (Container Handling) statements] "This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container disposal [handling] instructions below that apply to your container type / size."

#### **[Nonrefillable Containers 5 Gallons or Less]**

**Nonrefillable container. DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

#### **[Nonrefillable containers larger than 5 gallons]**

**Nonrefillable container. DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

#### **[Refillable containers larger than 5 gallons]**

**Refillable container.** Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### **[Refillable containers for return to Nufarm]**

**Refillable container.** Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Close all openings and replace all caps. Contact Nufarm's Customer Service Department at 1-800-345-3330 to arrange for return of the empty refillable container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1)THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULARTRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

### LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BYWAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BYTHE BUYER, USER, OR ITS CUSTOMERS .TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV062012)

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**LABEL HISTORY**

File Name	Revision Mark	Comment
055146_00RRT_20120620_SPIRATO_IM_413_FS	RV062012	Draft Label