



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 17, 2021

Prachi Pandya  
Regulatory Manager  
Nufarm Americas Inc- AGT Division  
C/O Nufarm Americas Inc.  
4020 Aerial Center Parkway Suite 101  
Morrisville, NC 27560

Subject: Registration Review Label Mitigation for Metalaxyl and Fludioxonil  
Product Name: EQUI TM 4.0  
EPA Registration Number: 55146-153  
Application Dates: June 26, 2018 and December 1, 2021  
Decision Numbers: 580445 & 580446

Dear Prachi Pandya:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Metalaxyl and Fludioxonil Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Page 2 of 2  
EPA Reg. No. 55146-153  
Decision No. 580445 & 580446

If you have any questions about this letter, please contact DeMariah Koger by phone at (202) 566-2288, or via email at [koger.demariah@epa.gov](mailto:koger.demariah@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to be "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

IMIDACLOPRID	GROUP	4A	INSECTICIDE
METALAXYL	GROUP	4	FUNGICIDE
THIOPHANATE-METHYL	GROUP	1	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

# EQUI-TM 4.0

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

[Alternate Brand Names: SPIRATO IMTm 388 FS, SPIRATO IMTm 348 FS]

**ACTIVE INGREDIENT:**

Imidacloprid.....	20.17%
Metalaxyl.....	5.05%
Thiophanate-Methyl.....	3.28%
Fludioxonil.....	0.81%

<b>OTHER INGREDIENTS:</b> .....	70.69%
<b>TOTAL:</b> .....	100.00%

Contains 1.98 lbs imidacloprid, 0.49 lbs metalaxyl, 0.32 lbs thiophanate-methyl, and 0.08 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 – 153  
EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
AGT DIVISION  
11901 S. Austin Avenue  
Alsip, IL 60803



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

[Grow a better tomorrow.]

**ACCEPTED**  
Dec 17, 2021  
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 55146-153

<b>FIRST AID</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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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>IF IN EYES</b>	<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.</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 15-20 minutes.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>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.</p>	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Mixers, loaders, applicators and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves (Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils, and
- Chemical-resistant apron for mixers, loaders and other handlers exposed to the concentrate.

**Note:** Persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers.

### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### 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 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. Ensure that planting equipment is functioning properly in accordance with manufacturer specifications to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

## PHYSICAL AND CHEMICAL HAZARDS

**DO NOT** use or store near oxidizing agents. **DO NOT** mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.

## 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.

Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: Do not apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

EQUI-TM 4.0 is for use only in commercial seed treatment facilities. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

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

EQUI-TM 4.0 contains an EPA approved dye/colorant that imparts an unnatural color to the seed.

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.

[OPTIONAL STATEMENT 1: The EQUI-TM 4.0 in this container must be used in the use season immediately following purchase from Nufarm.]

[OPTIONAL STATEMENT 2: NON-RETURNABLE PRODUCT. Must be used in the use season produced. Must be stored at temperatures above 40° F but below 80° F]

## USE RESTRICTIONS

- **DO NOT** use as a planter (hopper) box treatment.
- **DO NOT** use treated seed for feed, food, or oil purposes.
- Store treated seed away from feeds and foodstuffs.
- 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.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- **DO NOT** apply a neonicotinoid insecticide within 45 days of planting seed treated with EQUI-TM 4.0.
- The maximum application rate for imidacloprid (including seed treatments, foliar applications, soil applications) is 0.5 lbs per acre per calendar year. **DO NOT** apply more than 0.5 lbs ai imidacloprid per acre per calendar year.
- The maximum yearly total application rate for metalaxyl/mefenoxam for all applications (including seed treatments, foliar applications, soil applications) is 12.3 lb active ingredient per acre per calendar year. **DO NOT** apply more than 12.3 lb total of the active ingredients, metalaxyl and mefenoxam per acre per calendar year. The maximum annual rate must not exceed 12.3 lb active ingredient per year.
- Treated seed must be planted into the soil at a depth greater than 1 inch.
- Exposed treated seed may be hazardous to birds and wildlife. Cover or incorporate spilled treated seed. Excess or leftover seed may be double-sown around the headland or buried away from bodies of water in accordance with local requirements.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, note that EQUI-TM 4.0 contains a Group 4A insecticide: imidacloprid. Any insect population may contain individuals naturally resistant to EQUI-TM 4.0 and other Group 4A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of EQUI-TM 4.0 or other Group 4A insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

For additional information on pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area:

- Contact your local extension specialist or certified crop advisors.
- Contact Nufarm Americas Inc representatives at 1-800-345-3330 or at the Nufarm Americas website <https://nufarm.com/uscrop/>.

In addition, for resistance management, note that EQUI-TM 4.0 contains a Group 1 fungicide: thiophanate methyl; a Group 4 fungicide: metalaxyl; and a Group 12 fungicide: fludioxonil. Any fungal population may contain individuals naturally resistant to EQUI-TM 4.0 and other Group 1, Group 4, or Group 12 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed.

To delay fungicide/bactericide resistance, take one or more of the following steps:

- Rotate the use of EQUI-TM 4.0 or other Group 1, 4, or 12 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance, contact Nufarm Americas Inc representatives at 1-800-345-3330 or at the Nufarm Americas website <https://nufarm.com/uscrop/>.
- You can also contact your pesticide distributor or university extension specialist to report resistance.

## PRODUCT INFORMATION

EQUI-TM 4.0 is a seed treatment product that protects against certain early season insects, soil-borne and seed-borne diseases of crop plants. EQUI-TM 4.0 contains the active ingredients imidacloprid, metalaxyl, thiophanate-methyl, 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.

Thiophanate-methyl is a systemic fungicide which protects against *Fusarium* and *Rhizoctonia*.

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

## MIXING INSTRUCTIONS

Mix thoroughly before use or use entire container at one time.

**TANK MIXING:** All tank mixes should be pre-tested to determine physical compatibility between formulations. Follow the most restrictive precautions and limitations of all products used in mixtures. DO NOT tank mix with any product that contains a prohibition against tank mixing.

It is the pesticides user's responsibility to ensure that all products are registered for intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions and precautionary statements of each product in the mixture.

**IMPORTANT:** Always re-circulate EQUI-TM 4.0 thoroughly before using. The typical density of EQUI-TM 4.0 is 9.84 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.

Apply EQUI-TM 4.0 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 EQUI-TM 4.0 into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used.

Certain crops require addition of inoculants when the seed is treated or planted. EQUI-TM 4.0 is compatible with several liquid inoculant products. Consult the maker of the inoculant product and a Nufarm Americas representative for directions before applying EQUI-TM 4.0 with inoculants.

Under certain disease conditions, additional amounts of fungicides may be required. When needed, apply additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam containing product and SPIRATO 480 FS or equivalent fludioxonil containing product according to the label **USE SPECIFICATIONS**. Other tank mix partners may be used with EQUI-TM 4.0; 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.

EQUI-TM 4.0 contains an EPA approved dye/colorant that imparts an unnatural color to the seed as required by the Federal Seed Act.

EQUI-TM 4.0 also contains a polymer to improve the adherence of seed treatment components to the seed.

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.

## SEED CONTAINER 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 BE LABELED WITH THE FOLLOWING STATEMENTS:

- This seed has been treated with EQUI-TM 4.0 (imidacloprid, metalaxyl, thiophanate-methyl, and fludioxonil)
- **DO NOT** use for feed, food, or oil purpose.

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH EQUI-TM 4.0 (imidacloprid, metalaxyl, thiophanate-methyl, and fludioxonil)

- **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. Ensure that planting equipment is functioning properly in accordance with manufacturer specifications 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 seed must be planted into the soil at a depth greater than 1 inch.
- Exposed treated seed may be hazardous to birds and wildlife. Dispose of all excess treated seed and seed packaging or containers by burial away from bodies of water in accordance with any local requirements. Cover, incorporate, or collect treated seeds spilled during loading and planting. **DO NOT** contaminate bodies of water when disposing of planting equipment wash water.
- **DO NOT** graze or feed livestock on treated areas for 45 days after planting.
- **DO NOT** apply a neonicotinoid insecticide within 45 days of planting seed treated with EQUI-TM 4.0.
- Exposed treated seed may be hazardous to birds and wildlife. Cover or incorporate spilled treated seeds. Excess or leftover seed may be double-sown around the headland or buried away from bodies of water in accordance with local requirements.
- Dispose of seed packaging in accordance with local requirements.
- **DO NOT** contaminate water bodies when disposing of planting equipment wash water.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- In the event of a crop failure or harvest of a crop grown from EQUI-TM 4.0 treated seed, the field may be replanted immediately to artichoke, barley, borage, Brassica (cole) leafy vegetables, bulb vegetables, canola, cilantro, corn (field or sweet), cotton, cranberry, crambe, cucurbits, eggplant, flax, groundcherry, leafy petiole vegetables, leafy vegetables, legume vegetables (succulent or dried including soybean), millet, mustard seed, oats, okra, pepinos, pepper, popcorn, potato, rapeseed, rye, safflower, sorghum, soybean, strawberry, sugarbeets, sunflower, tomatillo, tomato, triticale, root and tuber vegetables, watercress, and wheat. For cereals including buckwheat, and rice; the minimum plant-back interval is 30 days from the date EQUI-TM 4.0 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 label, or for crops for which no imidacloprid, tolerance for the active ingredient has been established, a 12-month plant-back interval must be observed.
- The maximum application rate (including seed treatment, foliar application, and soil application) per acre per calendar year for imidacloprid is 0.5 lbs.
- This seed has been treated with   X   lbs imidacloprid per      lbs of seed [ or   X   mg imidacloprid per seed].  
This seed has been treated with   X   lbs metalaxyl per      lbs of seed [ or   X   mg metalaxyl per seed].  
This seed has been treated with   X   lbs thiophanate-methyl per      lbs of seed [ or   X   mg thiophanate-methyl per seed].  
This seed has been treated with   X   lbs fludioxonil per      lbs of seed [ or   X   mg fludioxonil per seed].
- 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.



## SPECIFIC CROP USE DIRECTIONS

### TARGET INSECTS (All Uses)

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.

EQUI-TM 4.0 also protects against pea leaf weevil.

When treated according to the following directions for post-planting protection against listed pests, EQUI-TM 4.0 will also provide protection during post treatment storage of the seed against damage from the following stored grain insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryza*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*). If seed to be treated has existing infestations of stored grain insects, fumigate the seed prior to treating with EQUI-TM 4.0 and bagging.

### TARGET DISEASES (All Uses)

Protection against damping-off, seed, and seedling diseases due to *Pythium*, *Phytophthora*, *Fusarium*, and *Rhizoctonia* species. EQUI-TM 4.0 also suppresses seed-borne *Sclerotinia* and *Phomopsis* species.

**DRY BEANS, SUCCULENT (SNAP) BEANS** (*Cicer arietinum* (chickpea, garbanzo bean); *Lupinus* spp. (sweet lupine, white sweet lupine, white lupine, and grain lupine). *Phaseolus* spp. (kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and waxbean); *Vicia faba* (broad bean, fava bean); *Vigna* spp. (asparagus bean, blackeyed pea and cowpea)

RATE OF EQUI-TM 4.0		OPTIONAL TREATMENT See Remarks section below WHEN TO ADD ADDITIONAL SEBRING 318 FS or equivalent metalaxyl or mefenoxam product.	
		ADDITIONAL SEBRING 318 FS (metalaxyl) or equivalent metalaxyl or mefenoxam product	
Fl. Oz. / 100 lb. of seed	Grams AI / 100 kg of seed	Fl. Oz. / 100 lb. of seed	Grams AI / 100 kg of seed
4.0	62.5 15.6 10.0 2.5	imidacloprid metalaxyl thiophanate-methyl fludioxonil	0.375 to 0.75  7.8 to 15.6

### REMARKS

**WHEN TO ADD ADDITIONAL SEBRING 318 FS (metalaxyl) or equivalent metalaxyl or mefenoxam product**

If target fields have a history of *Pythium* damping off and systemic downy mildew, add additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product. The additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product may reduce compatibility with some *rhizobia* inoculants. Consult with the maker of *rhizobia* inoculants before adding the additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product.

### RESTRICTIONS

**CA RESTRICTION:** 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.

**SPECIFIC CROP USE DIRECTIONS (cont'd)**

**SOYBEANS**

<p align="center"><b>RATE OF EQUI-TM 4.0</b></p> <p align="center">Use Rate based on 3000 seeds/ / lb (150,000 seeds / 50 lb bushel)</p>						<p align="center"><b>OPTIONAL TREATMENT</b> See Remarks section below WHEN TO ADD ADDITIONAL SEBRING 318 FS or equivalent metalaxyl or mefenoxam product.</p>		
						<p align="center"><b>ADDITIONAL SEBRING 318 FS</b> (metalaxyl) or equivalent metalaxyl or mefenoxam product</p>		
<p align="center"><b>Fl. Oz. /</b></p>			<p align="center"><b>ml / 1,000 seeds</b></p>	<p align="center"><b>Grams AI / 100 kg of seed</b></p>	<p align="center"><b>mg AI / Seed</b></p>	<p align="center"><b>Fl. Oz. / 100 lb. of seed</b></p>	<p align="center"><b>Grams AI / 100 kg of seed</b></p>	
<p align="center"><b>100 lbs seed</b></p>	<p align="center"><b>1,000 Seeds</b></p>	<p align="center"><b>140,000 seeds</b></p>						
4.0	0.0133	1.867	0.393	62.4 15.6 10.0 2.5	0.0946 0.0238 0.0151 0.0038	imidacloprid metalaxyl thiophanate-methyl fludioxonil	0.375 to 0.75	7.8 to 15.6

**REMARKS**

**WHEN TO ADD ADDITIONAL SEBRING 318 FS (metalaxyl)** or equivalent metalaxyl or mefenoxam product:  
If target fields have a history of high *Phytophthora* pressure, add additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product. Add additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product as directed in the label use specifications. The additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product may reduce compatibility with some rhizobia inoculants. Consult with the maker of rhizobia inoculants before adding the additional SEBRING 318 FS or equivalent metalaxyl or mefenoxam product.

**IMPORTANT:** 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:  $2800 \div 3000 \times 4.0 = 3.7$  fl. oz / 100 lb of seed.

## 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 HANDLING:** [[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's 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.

## 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 PARTICULAR TRADE 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 BY WAY 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. ALL SUCH RISKS SHALL BE ASSUMED BY THE 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.**

(RVmmdyy)

Sebring is a registered trademark of Nufarm Americas Inc.

All other trademarks are the property of their respective owners.