

Seedo

Seed Treatment for use on Barley, Oat and Wheat

ACTIVE INGREDIENTS:

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	12.51%
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester	0.81%
Tebuconazole: Alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethyl-ethyl)-1H-1,2,4-triazole-1-ethanol	0.61%

OTHER INGREDIENTS:

	86.07%
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TOTAL: 100.00%

Contains 1.10 lbs. of imidacloprid, 0.071 lb. of metalaxyl and 0.053 lb. of tebuconazole per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• 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 to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 .	

See label booklet for complete First Aid, Precautionary Statements, Directions For Use, and Storage and Disposal.

Manufactured For:

Sharda USA LLC 

7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 83529-67

EPA Est. No. **MA** 83411-MN-001; **MC** 89332-GA-001;
SC 39578-TX-001; **TX** 07401-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Net Contents: 2.5 Gals.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material: barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils

USER SAFETY REQUIREMENTS

Follow the 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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 highly toxic to birds and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or 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 washwaters. Cover or incorporate spilled treated seeds.

Physical-Chemical Hazards

Do not mix or allow to come in contact with an oxidizing agent. A hazardous chemical reaction may occur.

GROUNDWATER ADVISORY

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

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

DIRECTIONS FOR USE

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

Restrictions

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 State or Tribal agency responsible for pesticide regulation.

Tank Mixing

Make applications with this product in liquid or slurry treaters. Ensure product slurry is thoroughly mixed before application. User should conduct a physical compatibility test for all tank mixtures prior to application. Read and follow all tank mix partner labels for directions for use, precautions and restrictions before use. It is the pesticide user's responsibility to ensure that all products in a tank mix are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products of the mixture (e.g. 1st aid from one product, REI from another).

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), notification to workers, and restricted-entry interval (REI). 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.

Exception: If the seed is treated with the product and the treated seed is soil-injected (drilled) 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
- Chemical-resistant gloves made of any waterproof material: barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear

SEED BAG LABEL REQUIREMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with imidacloprid, metalaxyl and tebuconazole.
- Do not use for feed, food, or oil purposes.

User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with **Seedo**:

- Store away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Metalaxyl and Tebuconazole are known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of these chemicals in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- Ensure that planting equipment is functioning properly in accordance with manufacturing specifications to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- Treated seed must be planted into the soil at a depth greater than 1 inch. Consult your area agronomist regarding planting depth recommendations for the particular variety to be planted.
- Treated seed must be adequately covered with soil at planting.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Do not apply directly to water or to areas where surface water is present or to intertidal areas at or below the mean high water mark.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Do not allow children, pets, or livestock to have access to treated seed.
- The directed slurry application treatment of 3.4 fl. oz. to 4.5 fl. oz. of product per hundred weight of seed provides seed that has been treated with 0.03 lb. to 0.04 lb. of imidacloprid; 0.0019 lb. to 0.0025 lb. of Metalaxyl; and 0.0014 lb. to 0.0019 lb. of tebuconazole.
- Do not graze or feed livestock on barley, wheat or oats that have been treated or harvest hay within 45 days of seeding.
- Do not apply more than 0.4 lb. of imidacloprid per acre per calendar year for all application types (seed, foliar, soil, etc.).
- Runoff may be hazardous to aquatic organisms in neighboring areas.
- This pesticide is highly toxic to bees, birds, and aquatic invertebrates and toxic to mammals, fish and aquatic plants.
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- 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 pesticide remain in ethanol by-products that are used in agronomic practice. Treated areas may be replanted with any crop specified on this imidacloprid label. Areas planted with treated seed may be replanted immediately with artichoke, barley, Brassica (cole) leafy vegetables, borage, bulb vegetables, canola, cilantro, corn (field), corn (pop), corn (sweet), cotton, cranberry, crambe, cucurbits, eggplant, flax, ground cherry, leaf petiole vegetables, leafy vegetables, legume vegetables (succulent or dried, including soybean), millet, mustard seed, oats, okra, pepinos, pepper, potato, rapeseed, rye, safflower, sorghum, soybean, strawberry, sugarbeet, sunflower, tomatillo, tomato, trifoliate, root and tuber vegetables, watercress, wheat. These areas may also be replanted after 30 days with cereals, including buckwheat, rice. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

CROP USES

Crop	Target Pest		Application Directions
Barley	Target Insect Pests	Bird cherry-oat aphid English grain aphid Greenbug aphid Russian wheat aphid Wireworms	Apply as directed for early season seedling protection for listed pests. Prepare slurry application treatment of 3.4 to 4.5 fl. oz. of product per hundred weight of seed. Make application to seed prior to planting and ensure thorough coverage of seed.
	Target Disease	Barley leaf rust (early season suppression only) Barley stripe (suppression only) Common root rot (early season) Covered smut (early season) <i>Fusarium</i> foot rot (early season) Loose smut Powdery mildew (early season suppression only) <i>Pythium</i> damping-off (early season) <i>Rhizoctonia</i> root rot (early season) <i>Fusarium</i> scab – Application will improve emergence of seeds that are infected with <i>Fusarium</i> scab.	
Wheat and Oats	Target Insect Pests	Bird cherry-oat aphid English grain aphid Greenbug aphid Russian wheat aphid Hessian fly Wireworms	Apply as directed for early season seedling protection for listed pests. Prepare slurry application treatment of 3.4 to 4.5 fl. oz. of product per hundred weight of seed. Make application to seed prior to planting and ensure thorough coverage of seed.
	Target Disease	Common root rot (early season) Flag smut <i>Fusarium</i> foot rot (early season) Loose smut Powdery mildew (early season suppression only) <i>Pythium</i> damping-off (early season) <i>Rhizoctonia</i> root rot (early season) <i>Septoria</i> disease complex (early season) Stinking smut Wheat leaf rust (early season suppression only) <i>Fusarium</i> scab – application will improve emergence of seeds that are infected with <i>Fusarium</i> scab	
The directed slurry application treatment of 3.4 fl. oz. to 4.5 fl. oz. of product per hundred weight of seed provides seed that has been treated with 0.03 lb. to 0.04 lb. of imidacloprid; 0.0019 lb. to 0.0025 lb. of Metalaxyl; and 0.0014 lb. to 0.0019 lb. of tebuconazole.			
Restrictions <ul style="list-style-type: none"> • Do not graze or feed livestock on barley, wheat or oats that have been treated or harvest hay within 45 days of seeding. • Do not apply more than 0.4 lb. of imidacloprid per acre per calendar year for all application types (seed, foliar, soil, etc.). 			

ROTATIONAL CROPS AND REPLANT INTERVALS

Areas that have been planted with seeds treated with this product may be replanted immediately if necessary with crops listed on an imidacloprid product label or a crop in which US EPA has established a tolerance (40CFR Part 180) on the active ingredient.

The following table provides a list of rotational crops and replant intervals:

Crop	Replant or Rotational Interval
Artichoke, Barley, Brassica (Cole) Leafy Vegetables, Borage, Bulb Vegetables, Canola, Cilantro, Corn (Pop, Field & Sweet), Cotton, Cranberry, Crambe, Cucurbits, Eggplant, Flax, Ground Cherry, Leaf 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, Sugarbeet, Sunflower, Tomatillo, Tomato, Triticale, Vegetables (Root & Tuber), Watercress, and Wheat	Immediately
Crops planted to build the soil or for erosion control (e.g. cover crops). Do not graze or harvest these crops for food or feed.	Immediately
Cereals – including Buckwheat and Rice	30 Days
All other crops	12 Months

- NOTICE of the crop rotational restriction must be communicated to the grower by appropriate seed tag labeling or bag printing on all seed units.

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:

Nonrefillable Container (five 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 if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

Nonrefillable Container (greater than five gallons): 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. 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 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. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

Refillable Container (greater than five gallons): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. DO NOT transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with State and local regulations.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of SHARDA USA LLC or the seller is authorized to vary in any way. Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product.

Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of SHARDA USA LLC and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, SHARDA USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS", AND SHARDA USA LLC MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT SHARDA USA LLC HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE MANUFACTURER.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF SHARDA USA LLC OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SHARDA USA LLC AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

NOTES

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Seedo

Seed Treatment for use on Barley, Oat and Wheat

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GROUNDWATER ADVISORY

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

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STORAGE AND DISPOSAL

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OPEN HERE