## NITRO SHIELD®

### **ACTIVE INGREDIENTS:**

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	48.7%
OTHER INGREDIENTS:	51.3%
TOTAL	100.0%

Contains 5 lbs. active per gallon (600 grams per liter)

### KEEP OUT OF REACH OF CHILDREN

# **CAUTION**

	FIRST AID
IF SWALLOWED:	<ul> <li>Call a poison control center or doctor immediately for treatment advice. 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>
IF ON SKIN OR CLOTHING:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul> <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>
Have the product treatment.	t container or label with you when calling a poison control center or doctor, or going for

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

IN CASE OF AN EMERGENCY (TRANSPORTATION, SPILLS) INVOLVING THIS PRODUCT CALL: CHEMTREC: (800) 424-9300 OR
IN CASE OF A MEDICAL EMERGENCY CALL (877) 424-7452.

EPA Reg. No. 1381-231

EPA Est. 42750-MO-01

NET CONTENTS: 2.5 Gallons (9.46 Liters)

Distributed By: Winfield Solutions, LLC P.O. Box 64589 St. Paul, MN 55164

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#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- 1. Long-sleeved shirt and long pants,
- 2. Socks and shoes and
- 3. Chemical-resistant gloves (such as nitrile, butyl, neoprene, barrier laminate, polyvinyl chloride or Viton).

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.

#### USER SAFETY RECOMMENDATIONS

#### Users should

- 1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

#### **ENVIRONMENTAL HAZARDS**

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 to drift if bees are visiting the treatment area. 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.

This product is toxic to wildlife and highly toxic to 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.

#### **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 treaters only, with the exception of application to borage, canola, cotton (delinted seed), crambe, field corn, flax, mustard seed, oats, rape seed, rye, safflower, sorghum, sunflowers, triticale, wheat and barley, which may be made either by commercial seed treatment 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.

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.

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

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR 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:

- 1. Coveralls
- 2. Chemical-resistant gloves (such as nitrile, butyl, neoprene, barrier laminate, polyvinyl chloride or Viton).
- 3. Shoes plus socks
- 4. Protective eyewear.

### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty container. Open dumping is prohibited.

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: Use label language appropriate for container size and type.

Nonrefillable containers. Do not reuse or refill this container. Clean container promptly after emptying. Nonrefillable container equal to or less than 5 gallons. 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 ¼ 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container greater than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 mix tank. Fill the container about 10 percent 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### RESISTANCE MANAGEMENT RECOMMENDATIONS

Nitro Shield contains a Group 4 Insecticide. Insect/mite biotypes with acquired resistance to Group 4 insecticides/acaricides may eventually dominate the insect/mite population if Group 4 insectides/acaricides are used repeatedly in the same site or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Nitro Shield or other Group 4 insecticides/acaricides.

To delay insecticide resistance consider:

Avoiding the consecutive use of Nitro Shield or Group 4 insecticides that have a similar

- target site of action, on the same insect/mite species.
- Using tank-mixtures or premixes with insecticides/acaricides from different target site of action Groups as long as the involved products are all registered for the same use and have different sites of action,
- Basing insecticide/acaricide use on a comprehensive IPM program.
- Monitoring treated insect/mite populations for loss of efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or Winfield Solutions, LLC representative for herbicide resistance management and/or integrated pest management recommendations for specific site and resistant pest problems.

#### STORED SEED PROTECTION

To protect stored seed of crops listed on this label apply a minimum 0.8 fluid ounces of NITRO SHIELD™ per 100 pounds of seed. Pest controlled by this application include Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryzea*), Red Flour Beetle (*Tribiolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*). If seed being treated is known to have existing pest infestation fumigation may be necessary prior to bagging.

#### EARLY SEASON PROTECTION AGAINST SUCKING INSECTS

### OIL SEED CROP GROUP:

CROP	PEST	RATE	COMMENT
		(fluid ounces per	
		hundredweight seed)	
Canola,	Aphids,	10.24 - 25.6	Use higher rate when pest populations
Rapeseed and	Flea beetles,		are above historical levels.
Mustard Seed	Wireworms	45.00 05.0	O considerable libration and a large
	Lygus Bugs (including Lygus spp.), Seedpod Weevil larvae (including Ceutorhynchus assimilis)	15.36 – 25.6	Suppression only. Use higher rate when pest populations are above historical levels.
Flax, crambe, and borage	wireworms, seed corn maggots and flea beetles	25.6	To provide early season protection of seedlings against insects, apply as a commercial seed treatment.
Safflower	Wireworms	0.25 to 0.50 mg a.i./seed (One fluid ounce of	To provide early season protection of seedlings against insects, apply as a commercial seed treatment
		this product contains 17.7g imidacloprid.)	Sunflower seed treated in California must be destined for planting in states other than California and is not to be planted in California.

Oil Seed Crop Group: For End-Use Application at Agricultural Establishments

Canola, Rapeseed and Mustard Seed: Shake product well before making slurry and apply using a HCBT or Batch Treater. Apply 5.1 to 12.8 fl. oz. of NITRO SHIELD $^{\text{TM}}$  per 50 pound bag. May be diluted with an approved fungicide for disease control. Treat ½ of seed with ½ of slurry then add remainder of seed and slurry and continue mixing until all seed are covered.

Flax, Sunflower, Crambe, and Borage: To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles, apply using an HCBT or a batch treater at 12.8 fluid ounces per hundredweight of seed.

Safflower: To provide early season protection of seedlings against wireworms, apply using HCBT or a batch treater at 12.8 fluid ounces per hundredweight of seed.

CROP	PEST	RATE (fluid ounces per 80,000 units of seed)	COMMENT
Field corn	Corn root worm (including Northern, Western, Southern and Mexican), (1) Flea beetle, Chinch bug, Southern green stinkbug, White grub, Seed corn maggot, Thrips, Wireworm, Corn leaf aphid, Imported fire ant, Southern corn leaf beetle, Billbug, (2) Grape colaspis, (2) Black cutworm (3)	6.0 (equivalent to 1.34 milligrams ai per kernel)	<ul> <li>(1) In areas of heavy to severe corn rootworm populations, protection will not be adequate. Use only in areas of light to moderate corn rootworm populations. Consult your State Agricultural Extension Service on levels of corn rootworm populations</li> <li>(2) Reduces early season feeding damage.</li> <li>(3) Will reduce feeding damage caused by leaf feeding black cutworms that are 1/2 inch or less in length.</li> </ul>
	Flea beetle, Chinch bug, Seed corn maggot, Thrips, Wireworm, Corn leaf aphid Imported fire ant, Grape colaspis, (2) White grub,	2.70 (Equivalent to 0.60 milligrams ai per kernel)	(4) Reduces feeding damage during emergence and seedling stages.
	Seed corn maggot (seed protection only), Wireworm (seed protection only), Flea beetle (through 1 leaf stage), Imported fire ant, White grub (4)	0.72 (Equivalent to 0.16 milligrams ai per kernel)	

Field Corn (For end use application at agricultural establishments):

Shake product well before making slurry and apply using a HCBT or Eight-Bag Batch Treater. May be diluted with an approved fungicide for disease control. Mix slurry so that rate is 8-10 fluid ounces per 50 pound bag of seed. Treat  $\frac{1}{2}$  of seed with  $\frac{1}{2}$  of slurry then add remainder of seed and slurry and continue mixing until all seed are covered. After slurry treatment, the addition of dry talc at the rate of  $\frac{3}{4}$  - 1 ounce per 50 pounds of seed is recommended to minimize risk moisture buildup in planter.

CROP	PEST	RATE	COMMENT
		(fluid ounces per	
		hundredweight	
Miller Dede	A . I . I . / I . I'	seed)	Deliver weekling the least the Research
Wheat, Barley,	Aphids (including	0.8 to 2.4	Reduces possible yellow dwarf virus disease
Oats, Rye, Triticale	Bird cherry-oat, English grain,		from aphid vectoring.
Titioaic	Greenbug, and		Use the higher rate to increase time of
	Russian wheat		protection and/or when insect pressure is
	aphid), Hessian fly		heavy.
	Wireworm	0.13 - 0.26	Suppression only.
			Use the higher rate to increase time of
			protection and/or when insect pressure is heavy.
	Grasshopper	1.2 to 2.4	Treated seed may be planted as a 50 to 60
			foot border around the perimeter of the field
			to help minimize early season damage from grasshoppers.
			Consult your local agricultural extension
			agent for grasshopper control information specific to your area.
			Use the higher rate to increase time of protection and/or when insect pressure is
			heavy.

Wheat, Barley, Oats, Rye, Triticale (For End-Use Application at Agricultural Establishments): Make application using a Total Slurry Treater (TST), Farmer Applied Seed Treater (F.A.S.T.), or other onfarm seed treating equipment capable of accurately applying low rates of NITRO SHIELD™. Apply 0.8 − 2.4 fl. oz. per hundredweight of seed. NITRO SHIELD™ may be mixed with a fungicide product for protection against disease. NITRO SHIELD™ may be applied to seed previously treated with a fungicide. In this case, dilution is necessary.

Do not graze or feed livestock on treated areas for 45 days after planting.

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENT
Sorghum	Aphids (including Corn leaf, English grain, Greenbug, and Yellow sugar cane aphid), Chinch bugs, Imported Fire ants, Wireworms	6.4	Thorough coverage is necessary for optimal control.

Sorghum (For End-Use Application at Agricultural Establishments):

Shake product well before making slurry and apply using a HCBT or Eight-Bag Batch Treater. May be diluted with an approved fungicide for disease control. Mix slurry so that rate is 8-10 fluid ounces per 50 pound bag of seed. Treat  $\frac{1}{2}$  of seed with  $\frac{1}{2}$  of slurry then add remainder of seed and slurry and continue mixing until all seed are covered. After slurry treatment, the addition of dry talc at the rate of  $\frac{3}{4}$  - 1 ounce per 50 pounds of seed is recommended to minimize risk moisture buildup in planter.

Do not graze or feed livestock on treated areas for 45 days after planting.

CROP	PEST	RATE	COMMENT
		(fluid ounces per	
		hundredweight seed)	
Cotton	Thrips,	12.8	Regardless of the type of application
(Delinted	Aphids	(Equivalent to 0.375	(seed treatment, soil or foliar) do not apply
Seed Only)		milligram active	more than a total of 0.5 lb. of imidacloprid
		ingredient per seed)	per acre per year.

Cotton (Delinted Seed Only) (For End-Use Application at Agricultural Establishments): Shake product well before making slurry and apply using a HCBT or Eight-Bag Batch Treater. May be diluted with an approved fungicide for disease control. Mix slurry so that rate is 8 – 10 fluid ounces per 50 pound bag of seed. Treat ½ of seed with ½ of slurry then add remainder of seed and slurry and continue mixing until all seed are covered.

CROP	PEST	RATE (fluid ounces per seed unit) (1)	COMMENT
Sugar Beets (commercial seed treatment)	Whitefly, Aphids, Leafhoppers, Root aphid, Thrips, Wireworms	2.4 - 5.0	<ul> <li>(1) On a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seed -approximately 1 kilogram by weight).</li> <li>(2) Including to reduce risk of spread of Curly top and Yellow mosaic virus</li> <li>If applying to non-pelleted raw seed, do not exceed a rate of 2.4 fluid ounces per 100,000 seed (approximately 1 Kg by weight).</li> </ul>

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Sweet Corn (commercial seed treatment)	Flea beetle, Early season corn leaf aphid, Seed corn maggot, Wireworm	6.4	Mix slurry so that it is applied at a rate of 16 - 20 fl. oz. of diluted solution per hundredweight of seed.
	Imported fire ant, Early season corn leaf aphid, Seed corn maggot, Wireworm	3.2 - 6.4	
	Imported fire ant, Seed corn maggot, (seed protection) Wireworm (seed protection)	1.6 3.2	
	Wireworm (seed protection)	0.8 - 1.6	

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Popcorn (commercial seed treatment)	Flea beetles	6.4	
Soybean	Seed corn maggot, Soybean aphids, Over-wintering bean leaf beetles	1.6 - 3.2	Use higher rates to provide increased length of protection and for heavy insect pressure.  Can be used as an over-treatment.  Do not graze or feed livestock on soybean forage or hay.

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Adzuki Bean, Asparagus Bean, Broad Bean (Succulent Or Dry), Catjang Bean, Chinese Longbean, Field Bean, Guar Bean, Jackbean, Kidney Bean, Lablab Bean, Lima Bean (Succulent Or Dry), Moth Bean (Succulent Or Dry), Mung Bean, Navy Bean, Pinto Bean, Rice Bean, Runner Bean, Snap Bean, Sword Bean, Tepary Bean, Urd Bean, Wax Bean, Yardlong Bean, Blackeyed Pea (Succulent Or Dry), Chickpea, Cowpea (Succulent Or Dry), Crowder Pea, Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Pigeon Pea (Succulent Or Dry), Southern Pea (Succulent Or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Sweet Lupin, Lentil:*		1.6 - 3.2	* Seed-and-pod vegetable seed treated In California must be destined for planting in states other than California and Is not to be planted in California.
Carrot	Seed corn maggot, Wireworm	6.4	

## USE RESTRICTIONS

- Do not use as a planter (hopper) box treatment.

  Treated seed must not be used for or mixed with food or animal feed or processed for oil.
- 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 treated seed 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 double sown 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.
- 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 lb. 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 NITRO SHIELD®.
- Seed commercially treated with NITRO SHIELD® must be labeled in accordance with all applicable requirements under the Federal Seed Act.
- The purchaser of this product is responsible for ensuring that all seeds treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye or colorant added to treated seed must be cleared for use under 40 CFR, Part 180.1001. Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at labeled rates.

#### **ROTATIONAL CROPS**

Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, as soon as practical following the last application. The following plant-back intervals must be observed for listed crops:

	ROTATIONAL PLANT-BACK INTERVALS*				
	IMMEDIATE F	LANT-BACK		30-DAY PLANT-BACK	
Artichoke	Cranberry	Mustard Seed	Soybean	Cereals, including:	
Barley	Cucurbits	Oats	Strawberry	buckwheat	
Brassica (cole)	Eggplant	Okra	Sugarbeet	millet	
leafy	Ground cherry	Pepinos	Tomatiilo	rice	
vegetable	Leaf petiole	Pepper	Tomato	rye	
Canola	vegetable	Popcorn	Triticale	Safflower	
Cilantro	Leafy vegetable	Potato	Turnip greens		
Corn, Field	Legume vegetable	Rapeseed	Vegetable Root		
Corn, Sweet	(succulent or	Sorghum	and Tuber		
Cotton	dried)		Watercress		
			Wheat		

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.

#### 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.
- Do not use for feed, food or oil purposes.

# THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH NITRO SHIELD®:

- 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.
- Do not graze or feed livestock on treated areas for 45 days after planting Cereal Grains (wheat, barley, oats, rye, and triticale) and Sorghum. For soybeans, do not graze or feed livestock forage or hay.
- 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 of greater than 1 inch.
- Dispose of all excess treated seed. Leftover seed may be double sown 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 crop failure or harvest of a crop grown from NITRO SHIELD® 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, sugarbeet, tomatillo, tomato, triticale, turnip greens, root and tuber vegetables, watercress, and wheat. For cereals, including buckwheat, millet, rice and rye and for safflower, the minimum plant back interval is 30 days from the date NITRO SHIELD® 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.
- 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 lb. Do not use more than 0.5 lb. (226.8 mg) per acre per year.
- This seed has been treated with X mg imidacloprid.
- Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with NITRO SHIELD®.
- 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.
- Rape greens grown and harvested from NITRO SHIELD® treated seed must not be used for human
  and feed consumption. Rapeseed grown and harvested from treated seed is only for industrial uses
  and cannot be used for edible oil or any other human/feed consumption.

#### 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.

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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.

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