

SOYSTAR™ ELITE ST TREATED SEED

This seed has been treated with:

Mefenoxam fungicide, Thiabendazole fungicide, Azoxystrobin fungicide,
Thiophanate Methyl fungicide and Thiamethoxam insecticide
(EPA Reg. No. 45002-57)

| lb AI/100 lb Seed | mg AI per seed | Active Ingredient |
|-------------------|----------------|--------------------|
| _____ | _____ | Mefenoxam |
| _____ | _____ | Thiabendazole |
| _____ | OR | Azoxystrobin |
| _____ | _____ | Thiophanate Methyl |
| _____ | _____ | Thiamethoxam |

CAUTION

DO NOT USE FOR FEED, FOOD, OR OIL PURPOSE.

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

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear long-sleeved shirt, long pants, shoes, socks, protective eyewear (face shield, goggles, or safety glasses), and chemical-resistant gloves made of any waterproof material: barrier laminate, butyl rubber ≥ 14 mils, natural rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton® ≥ 14 mils when opening this bag, loading/pouring or handling the treated seed.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. **DO NOT** induce vomiting unless told to do so by the poison control center or doctor. **DO NOT** give any liquid to the person. **DO NOT** give anything by mouth to an unconscious person. Have the product container or label with you when calling a poison control center (888-347-6732) or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to mammals, birds, fish (freshwater and estuarine/marine), and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate bodies of water when disposing of equipment washwater and rinsate.

Treated seeds exposed on soil surface may be hazardous to wildlife and birds. Cover or collect treated seed spilled during loading and planting.

Excess or leftover seed may be double-sown around the headland or buried away from bodies of water in accordance with local requirements.

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer and long-term use in the same field may result in accumulation of active ingredients.

Groundwater Advisory: Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. Mefenoxam and azoxystrobin are known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of chemicals in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this

product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Pollinator Precautions: Thiamethoxam is highly toxic to bees, and effects are possible as a result of exposure to translocated residues in blooming crops. To mitigate this potential exposure, the first cutting of alfalfa should occur before bloom.

RESTRICTIONS

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

Rotational Crop Intervals: Alfalfa, Brassica (cole) leafy vegetables, buckwheat, corn, pearl millet, proso millet, popcorn, rice (dry-seeded), sorghum, teosinte, wild rice, cotton, cucurbit vegetables, dry bulb onions, fruiting vegetables, leafy vegetables, legume vegetables, mint (peppermint and spearmint), oil seed crops (black mustard seed, borage seed, crambe seed, field mustard seed, flax seed, Indian mustard seed, Indian rapeseed seed, peanuts, rapeseed seed, and safflower seed), root vegetables, strawberry, sunflowers, tobacco, and tuberous and corm vegetables may be planted 30 days from the date the treated seed was planted. For any other crop, the minimum plant back interval is 120 days from the date the treated seed was planted. A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 120-day interval; however, the crop may not be grazed or harvested for food or feed.

DO NOT use at a rate that will result in more than 0.075 lb (34.0 g) thiamethoxam per acre as a seed treatment application for chickpeas or lentils or a rate that will result in more than 0.083 lb (37.8 g) thiamethoxam per acre as a treated seed for soybean.

Regardless of the method of application, **DO NOT** apply more than 0.266 lb thiamethoxam per acre per calendar year.

Regardless of the method of application, **DO NOT** apply more than 0.15 lb thiophanate-methyl per acre per calendar year.

Regardless of the method of application, **DO NOT** apply more than 0.15 lb thiabendazole per acre per calendar year.

Regardless of the method of application, **DO NOT** apply more than 1.5 lb azoxystrobin per acre per calendar year.

Regardless of the method of application, **DO NOT** apply more than 1.25 lb mefenoxam per acre per calendar year to soybean.

Regardless of the method of application, **DO NOT** apply more than 1.0 lb mefenoxam or metalaxyl per acre per calendar year to chickpeas/lentils.

With the exception of soybeans, **DO NOT** make any soil or foliar application of products containing thiamethoxam to crops grown from seed treated with thiamethoxam. For soybeans, **DO NOT** apply a neonicotinoid insecticide within 45 days of planting treated seed.

When applying both metalaxyl-containing 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.

The maximum application rate for mefenoxam- and metalaxyl-containing products (including seed treatments, foliar applications, soil application) is 12.3 lb per acre per calendar year. **DO NOT** apply more than 12.3 lb of active ingredients, mefenoxam and metalaxyl per calendar year.

When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored with an EPA-approved dye such as one of the dyes listed in 40 CFR Sections 180.910 and 180.920 to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

SEED STORAGE & DISPOSAL

Store treated seed in cool, dry conditions away from feeds and foodstuffs. **DO NOT** store leftover treated seed where there is a chance of it becoming mixed with untreated seed. **DO NOT** store treated seed in burlap bags or impervious bags/container or in areas that are poorly ventilated. Dispose of seed packaging 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 pesticides remain in ethanol by-products that are used for agronomic practice. **DO NOT** use empty seed bags for any other purpose.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE

Call CHEMTREC (800) 424-9300.

Albaugh, LLC. Ankeny, IA 50021

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