

SorPro™ 940 ES

Sorghum Herbicide Protectant

Use as a seed treatment to protect grain or forage sorghum from herbicide injury caused by Metolachlor or S-metolachlor

ACTIVE INGREDIENT:

Fluxofenim (CAS No. 88485-37-4) 74.3%

OTHER INGREDIENTS: 25.7%

TOTAL 100.0%

Contains 7.82 lbs of fluxofenim 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.

Manufactured for
Nufarm Americas Inc.
AGT Division
11901 S. Austin Avenue
Alsip, IL 60803



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • If conscious, have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. • DO NOT induce vomiting or give anything by mouth to an unconscious person.
IF INHALED	<ul style="list-style-type: none"> • Move the 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.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

Environmental Hazards

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.

USE SPECIFICATIONS

SorPro™ is a seed-applied herbicide protectant for forage and grain sorghum (*Sorghum bicolor*) to protect sorghum from injury due to the application of metolachlor or S-metolachlor based-herbicides. Without SorPro, *Metolachlor* or *S-metolachlor* injury will generally occur. SorPro only protects against the injurious effects of *Metolachlor* or *S-metolachlor* based herbicides and will not protect against other herbicidal components in a mixture.

Application Information

Apply SorPro at 0.4 gram (gm) active ingredient (fluxofenim) per kilogram (kg) according to specifications provided in the table below. Use seed treatment equipment that will accurately apply SorPro as water-based slurry. Apply to high quality seed. Use a Total Slurry Rate of 4 to 8 fluid ounces/unit (8 to 16 fluid ounces/100 lbs) when SorPro is used alone or at 7 to 11 fluid ounces/unit (14 to 22 fluid ounces/100 lbs) when it is used in combination with insecticides and/or fungicides.

Quantity of SorPro per specified unit(s) to obtain 0.4 gm a.i./kg Seed	Units Treated	Lbs Treated
0.32 fl oz	1	50
0.64 fl oz	2	100
1 qt	100	5,000
1 gal	400	20,000

Note: The purchaser of this product is responsible for ensuring that all seed 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.

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.

Labels for commercially treated seed should include the following addition to the Environmental Hazards statements: Exposed treated seed may be hazardous to birds. Dispose of all excess treated seed and seed packaging by burial away from bodies of water. Cover or incorporate spilled treated seeds.

Mixing

1. Fill the premix tank with 1/2—2/3 of the water required and provide agitation.
2. Add dye/colorant and mix thoroughly.
3. If the SorPro is to be mixed with a fungicide and/or insecticide, add those treatments next. Mix thoroughly before adding the SorPro.
4. Slowly add SorPro at the specified quantity to form an emulsion or smooth slurry.
5. Add binder and/or polymer as specified on the fungicide and/or insecticide labels.
6. Add the remaining amount of water to the desired volume.

Notes:

- (1) **DO NOT** allow the mixture to remain in equipment without agitation.
- (2) **DO NOT** allow the mixture to freeze.
- (3) SorPro does not need additional binder/sticker.

Compatibility With Other Seed Treatments

SorPro may be tank mixed with most labeled sorghum seed treatments. Refer to the respective seed treatment (fungicide/insecticide) label(s) for use specifications. Always check compatibility before starting seed treatment operation. Acid-based dyes may cause thickening of the slurry.

Gas Chromatography Determinations

Analyze seed treated with SorPro using gas chromatography methods supplied by Nufarm. Assure that the entire seed lot has been properly treated with SorPro at 0.4 ± 0.1 gm a.i. per kg of seed. Collect a representative sample for analysis from each seed lot by taking several subsamples during treatment of the lot and analyze within 48 hours of application or place samples in a sealed container in a freezer for analysis within 2 weeks.

Seed Quality

Sorpro treatment may have a slight impact on germination. The extent of this effect is inherent to the sorghum line or seed. To assure adequate germination, treat a sample of each seed lot with SorPro combined with all other intended seed treatment(s) and check germination prior to treating the entire lot. Only those seed lots meeting acceptable standards from these tests should be treated in large quantities.

Use Of Carried Over Seed

Seed that still contains SorPro at 0.4 gm a.i. per kg of seed may be carried over into the third growing season as long as the seed germination and vigor are acceptable. The effects of SorPro will not be impacted due to storage.

Tagging Of Carried Over Seed

Grain sorghum seed treated with SorPro may be tagged and sold as non s-metolachlor protected seed, provided the following statement appears on the tag:

“CAUTION: TREATED SEED. DO NOT USE FOR FOOD, FEED, OR OIL PURPOSES.”

Seed treatments, such as fungicides and insecticides, have specific requirements in seed laws and regulations, which define the type of labeling required on bags of the treated seed. SorPro is not in the same regulatory category as fungicides or insecticides, and there are no federal requirements for labeling the safened seed. However, since certain state seed laws may be more restrictive than the federal law, the above CAUTION statement should be used.

This is the most restrictive requirement that applies to seed treated with SorPro. If you object to the above statement, it is recommended that the seed laws of all states in which SorPro-treated seed is to be sold be reviewed, and that clarification be sought from a qualified attorney or representative of the state with respect to seed safeners and labeling requirements, because some states may have lesser requirements under their labeling laws.

Other Restrictions

DO NOT feed seed treated with SorPro to livestock.

STORAGE AND DISPOAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Wastes may be toxic. This chemical, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

Disposal – DO NOT reuse empty container. Triple rinse (or equivalent), 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 from burning containers.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-424-9300, day or night.

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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