

# Mesh™-40WP

## SEED TREATMENT FOR SAFENING GRAIN SORGHUM AGAINST HERBICIDE INJURY

For use by commercial seed treaters only

### SAFENING INGREDIENT:

Flurazole (CAS No. 72858-64-7) .....40%\*

OTHER INGREDIENTS: .....60%

TOTAL: .....100%

\*Contains 6.4 oz flurazole per lb of product, or 400 g flurazole per kg of product.

## KEEP OUT OF REACH OF CHILDREN

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)

See panel for First Aid Instructions and for complete Precautionary Statements and Directions for Use.

FIRST AID	
<b>IF INHALED:</b>	• Move to fresh air. Call a Poison Control Center or doctor.
<b>IF ON SKIN:</b>	• Remove contaminated clothing. Wash with soap and plenty of water. Call a Poison Control Center or doctor.
<b>IF IN EYES:</b>	• Rinse with plenty of water for 15 to 20 minutes. Call a physician.
<b>IF SWALLOWED:</b>	• Call a POISON CONTROL CENTER or doctor immediately. Do not induce vomiting without medical advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. <b>FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROPHARMA:</b> 1-866-303-6952 or +1-651-603-3432. <b>FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC:</b> 1-800-424-9300 or +1-703-527-3887.	
For Product Use Information Call 1-866-761-9397	

	<b>DANGER</b> May cause damage to organs through prolonged or repeated exposure. May cause cancer.  Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wear protective gloves. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Store locked up.
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Read SDS before use - available at [www.cdms.net](http://www.cdms.net)

### USE INFORMATION

**MESH™-40WP** safens grain sorghum germination and emergence by specifically reducing seed and seedling injury caused by herbicide products containing the active ingredients metolachlor, s-metolachlor, acetochlor and dimethenamide, among others. Without treatment with **MESH-40WP**, grain sorghum may suffer significant injury from these herbicides.

### DIRECTIONS FOR USE

Apply **MESH-40WP** uniformly to high quality sorghum seed at the following application rates:

Quantity of Seed (lbs)	Amount of MESH-40WP to Add	TOTAL SLURRY VOLUME	
		MESH-40WP Alone	MESH-40WP plus Fungicide/Insecticide
100	2.4 - 2.8 oz	12 - 16 fl oz	16 - 18 fl oz

Seed treated at label rates can be carried over for planting into the next growing season without the need for an additional application of **MESH-40WP**.

EPA Est. No. 089332-GA-002  
042518V003  
523390-B (0618)

Produced For:  
**ARYSTA LIFESCIENCE NORTH AMERICA, LLC**  
15401 Weston Parkway, Suite 150  
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### MIXING INSTRUCTIONS

CONSTANT AGITATION IS REQUIRED whenever slurry mixtures of **MESH-40WP** are in the mix-tank. Application equipment must be cleaned out immediately after treatment. If slurry mix must be drained, it may be resuspended later by stirring with a non-mechanical paddle.

MESH-40WP Alone	MESH-40WP plus Fungicide/Insecticide
<ol style="list-style-type: none"><li>Fill pre-mix tank with two-thirds of the required water. Begin agitation.</li><li>Add dye or colorant, as needed.</li><li>Add the recommended amount of <b>MESH-40WP</b> and thoroughly blend into a smooth slurry.</li><li>Add water to bring mix-tank to the final recommended volume.</li><li>Assure that the slurry containing <b>MESH-40WP</b> is thoroughly mixed before starting application. Maintain agitation during application.</li></ol>	<ol style="list-style-type: none"><li>Fill pre-mix tank with two-thirds of the required water. Begin agitation.</li><li>Add dye or colorant, as needed.</li><li>Add the recommended rate of <b>MESH-40WP</b> and thoroughly blend into a smooth slurry.</li><li>Slowly add the required amount of labeled fungicide and/or insecticide to the mixture. Blend into a smooth slurry.</li><li>Add water to bring the slurry to the final recommended volume.</li><li>Assure that the slurry of <b>MESH-40WP</b> plus fungicide and/or insecticide is thoroughly mixed before starting application. Maintain agitation during application.</li></ol>

### COMPATIBILITY WITH FUNGICIDES AND INSECTICIDES

**MESH-40WP** is compatible with most labeled fungicide and insecticide seed treatment products. However, do not use **MESH-40WP** in combination with other seed treatment products unless compatibility has been verified. Always conduct a standard compatibility test before mixing commercial quantities of this product with another product, to assure that there is acceptable compatibility. If incompatibility is found, a compatibility agent must be used, and the drying time should be extended before bagging the treated seed. Read and carefully follow the label directions of each combination product. When using combinations of products, the most restrictive of label and precautions must be followed.

### QUALITY CONTROL

To assure quality standards, treat a sample of each seed lot with **MESH-40WP** and check for germination and safening protection. Only those seed lots meeting acceptable seed company germination standards from these tests should be treated in large quantities.

### GERMINATION AND VARIETAL DIFFERENCES

Germination of grain sorghum treated with **MESH-40WP** may be affected by genetic differences among varieties (endosperm lines), seed vigor, adverse growing conditions, or seed lots with seed coat damage. For best results, treat a sample of each commercial seed lot with **MESH-40WP** and check for germination. Herbicide protection can be checked by running a standard bioassay procedure in either a laboratory or greenhouse. Only those seed lots meeting acceptable germination standards from these tests should be treated in commercial quantities.

### GERMINATION AND ENVIRONMENTAL DIFFERENCES

Optimum germination and emergence of grain sorghum occurs when the soil temperature at 1.5 to 2.0 inch planting depth is between 65° and 70°F. Planting too early or planting into cold/wet soils will delay emergence and subject the seed to additional stress. When cool soils persist prior to planting, we recommend that you use only those varieties that exhibit acceptable cold tolerance, to minimize possible germination reduction.

### CARRY OVER SEED

Grain sorghum seed treated with **MESH-40WP** at the labeled rate may be carried over and planted the year following initial seed treatment provided that its germination is acceptable.

### TREATED SEED LABELING

Grain sorghum seed treated with **MESH-40WP** may be tagged and sold only for planting, provided the following statement appears on the tag or container:

"WARNING: TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES."

The labels of registered seed treatment fungicides and insecticides may contain specific wording for the labeling of treated seed, based on the requirements of federal seed laws and regulations. **MESH-40WP** is not in the same regulatory category as fungicides and insecticides, and there are no federal requirements for labeling safened seed. However, because some state seed laws may be more restrictive than the Federal law, the above WARNING statement should be used with **MESH-40WP**-treated seeds.

This is the most restrictive requirement that applies to seed treated with **MESH-40WP**. If you object to the above WARNING statement, we recommend that the seed laws be reviewed for each state in which safened-seed is to be sold, 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 reduced seed labeling requirements for safened seed under their seed laws.

### IMPORTANT

Substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazardous Communication Standard (29 CFR 1910.1200):  
Flurazole (benzyl-2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate).....CAS Reg. No. 72858-64-7  
Hydrated amorphous silica.....CAS Reg. No. 63231-67-4  
Hydrated aluminum silica.....CAS Reg. No. 1332-58-7

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

### PRODUCT STORAGE:

Store in the original container only. After partial use, close the container tightly. Store in a secure place that is temperate, dry and out of direct sunlight. DO NOT STORE ABOVE 85°F.

### PRODUCT DISPOSAL:

Wastes resulting from the use of this product that cannot be used according to label instructions or chemically reprocessed must be disposed of in an approved waste disposal facility, in accordance with applicable federal, state and local procedures.

### CONTAINER HANDLING:

**Nonrefillable container.** DO NOT reuse or refill this container. Offer for recycling, if available. **Fiber cartons with plastic liners or bags:** Completely empty liner or bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment or mix-tank. Then dispose of the liner or bag in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Dispose of carton in the same manner.

### Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

Arysta 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, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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Net Contents: **55.1 lb (25kg)**