



### **Herbicide Antidote**

*For use as a seed dressing to protect grain or forage sorghum from the phytotoxic effects of S-metolachlor herbicide*

*Active Ingredient:*

Fluxofenin (CAS No. 88485-37-4)	74.3%
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<i>Other Ingredients:</i>	25.7%
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<i>Total:</i>	100.0%
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EPA Est. 57291-WI-001

**KEEP OUT OF REACH OF CHILDREN**

### **CAUTION**

*See additional precautionary statements and directions for use inside booklet.*

**SCP 101-L5F 0302  
155137**

**1 gallon**

U.S. Standard  
Measure

The Syngenta logo consists of a stylized, curved line that sweeps from the bottom left towards the top right, resembling a wave or a path. Below this line, the word "syngenta" is written in a lowercase, sans-serif font, with a small leaf-like symbol above the letter 'a'.

**syngenta**

## Concep® III

FIRST AID	
If swallowed	• Call a physician or poison control center. 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	• Remove victim to fresh air.
If in eyes	• Flush eyes with plenty of water. Call a physician if irritation persists.
If on skin or clothing	• Wash with plenty of soap and water. Get medical attention.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

### 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.

#### 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.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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 referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

### DIRECTIONS FOR USE

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

### GENERAL INFORMATION

Concep III is a herbicide antidote which, when used as a seed treatment, protects grain and forage sorghum (*Sorghum bicolor*) from herbicidal injury due to S-metolachlor (contained in the herbicide brands Bicep MAGNUM® and Dual MAGNUM®). Bicep MAGNUM and Dual MAGNUM brands and other products containing S-metolachlor will generally cause severe sorghum injury without a Concep III seed treatment. Concep III protects sorghum from the phytotoxic effects of S-metolachlor only and not from other herbicide components, including the triazine component of Bicep MAGNUM brands.

## Concep® III

### APPLICATION INFORMATION

Apply Concep III at 0.4 gram (gm) active ingredient (a.i.) of safener per kilogram (kg) of seed to high quality sorghum seed using seed treatment equipment that will apply a water-based seed treatment slurry **accurately and uniformly**.

Sorghum Seed (Units*)	Concep III to Add to Slurry for 0.4 gm a.i./kg Seed	Total Slurry Volume Range	
		Concep III Alone	Combination with Fungicide/Insecticide
1	0.32 fl. oz.	4-8 fl. oz.	7-11 fl. oz.
2	0.64 fl. oz.	8-16 fl. oz.	14-22 fl. oz.
100	1 qt.	3.1-6.3 gals.	5.5-8.6 gals.
400	1 gal.	12.5-25 gals.	21.9-34.4 gals.

\*1 Unit = 50 lbs. of seed

### MIXING

Concep III does not need additional binder/sticker.

1. Fill the premix tank with  $\frac{1}{2}$ - $\frac{2}{3}$  of the water required and provide agitation.
2. Add dye as needed and mix thoroughly.
3. If the Concep III is to be mixed with a fungicide and/or insecticide, add the pesticides next and mix thoroughly before adding the Concep III.
4. Slowly add the recommended amount of Concep III to form an emulsion or a smooth slurry when tank mixed.
5. Add binder as recommended on the fungicide and/or insecticide labels and then add the remaining amount of water needed to bring the slurry up 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.

### COMPATIBILITY WITH OTHER SEED TREATMENTS

Concep III may be tank mixed with most labeled seed treatments for sorghum. Compatibility should be checked before starting seed treatment operation. Acid-based dyes may cause thickening of the slurry. Do not mix with organic solvent formulations of heptachlor. Refer to the respective fungicide/insecticide label(s) for directions for use of those products on sorghum.

### GAS CHROMATOGRAPHY DETERMINATIONS

Analyze seed treated with Concep III using gas chromatography methods supplied by the Residue Chemistry Department, Syngenta Crop Protection, Inc., or your Syngenta Crop Protection representative to assure that the entire seed lot has been properly treated with Concep III at  $0.4 \pm 0.1$  gm a.i. per kg of seed. The detection range compensates for variation in application equipment and for experimental error/limit of detection of the gas chromatograph. Collect a representative sample for analysis from each seed lot by taking several subsamples during treatment of the lot. Analyze samples within 48 hours after application or seal samples and place in a freezer for later analyses. Later analyses should be conducted within 2 weeks.

### SEED QUALITY

Seed treated with Concep III may exhibit a slight germination reduction due to differences inherent to the sorghum line or seed quality as affected by production, harvest and/or storage conditions. To assure adequate germination, treat a sample of each seed lot with Concep III combined with all other intended seed treatment chemicals at proper use rates 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

Provided germination and vigor are acceptable, seed treated with Concep III at 0.4 gm a.i. per kg of seed may be carried over and seeded the third growing season following treatment, still providing adequate safening. Adequate safening occurs as long as the seed germination and vigor are acceptable.

### TAGGING OF CARRIED OVER SEED

Grain sorghum seed safened with Concep III may be tagged and sold as unsafened 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. Concep III 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.

## Concep® III

This is the most restrictive requirement that applies to seed treated with Concep III. If you object to the above statement, it is recommended that the seed laws of all states in which Concep III-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 INFORMATION

Do not feed seed treated with Concep III to livestock.

Refer to the Bicep MAGNUM and Dual MAGNUM brand labels for directions for use of these herbicides on sorghum.

### STORAGE AND DISPOSAL

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 1-800-888-8372, day or night.

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Bicep MAGNUM®, Concep®, Dual MAGNUM® and the Syngenta logo are trademarks of a Syngenta Group Company  
U.S. Patent No. 4,530,716

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Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
www.syngenta-us.com

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1 gallon  
U.S. Standard Measure

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**If inhaled:** Remove victim to fresh air.

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#### Container Disposal

Do not reuse empty container. Triple rinse (or equivalent), puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

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