

## SUPPLEMENTAL LABELING

### Cemax™ herbicide

EPA Reg. No. 352-436-85588

#### Tank Mix for Broadleaf Weed Control in Soybeans in Certain Counties in the States of Indiana and Ohio

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The tank mix of Cemax™ herbicide plus "Harmony" GT Herbicide described on this supplemental label is recommended for use only in the counties listed below in the States of Indiana and Ohio:

**Indiana:** Adams, Bartholomew, Benton, Blackford, Boone, Brown, Carroll, Cass, Clark, Clinton, Crawford, Dearborn, Decatur, Delaware, Dubois, Floyd, Fulton, Gibson, Grant, Hamilton, Hancock, Harrison, Henry, Hendricks, Howard, Jackson, Jasper, Jay, Jefferson, Jennings, Johnson, Lake, LaPorte, Lawrence, Marshall, Madison, Marion, Miami, Montgomery, Morgan, Monroe, Newton, Ohio, Orange, Parke, Perry, Pike, Porter, Posey, Pulaski, Putnam, Ripley, Scott, Shelby, Spencer, St. Joseph, Starke, Switzerland, Tippecanoe, Tipton, Vanderburgh, Warrick, Washington, Wells, White.

**Ohio:** Adams, Ashland, Ashtabula, Auglaize, Brown, Butler, Champaign, Clark, Clermont, Clinton, Crawford, Darke, Delaware, Erie, Fairfield, Fayette, Franklin, Gallia, Greene, Hamilton, Hancock, Hardin, Highland, Huron, Jackson, Knox, Lawrence, Licking, Logan, Lorain, Madison, Mahoning, Marion, Medina, Meigs, Mercer, Miami, Montgomery, Morrow, Ottawa, Perry, Pickaway, Pike, Portage, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Trumbull, Union, Van Wert, Vinton, Warren, Wayne, Wood, Wyandot.

Product information: [www.agsurf.com](http://www.agsurf.com)

© 2009 Agsurf Corporation, 1209 Orange Street, Wilmington, Delaware, 19801  
All rights reserved.

## HOW TO USE

- A tank mix of Cemax™ herbicide at a rate of 0.5 ounce per acre plus "Harmony" GT herbicide at a rate of 0.083 ounce per acre is recommended for control of the weeds listed in the table below.
- Applications of Cemax™ herbicide plus "Harmony" GT herbicide must include a nonionic surfactant at the rate of 0.125% - 0.25% v/v (1-2 pints per 100 gallons of spray solution). USE OF THE HIGHER RATE OF NONIONIC SURFACTANT, PARTICULARLY UNDER HOT, HUMID CONDITIONS MAY INCREASE TEMPORARY CROP INJURY. Use only EPA approved surfactants authorized for use on food crops. Use a nonionic surfactant of at least 80% active ingredient.
- DO NOT USE "DASH", CROP OIL CONCENTRATE, OR METHYLATED SEED OILS AS ADJUVANTS WITH THIS TANK MIX.
- The addition of an ammonium nitrogen fertilizer is required for control of velvetleaf and ragweeds. Use a high quality fertilizer such as 28-0-0 at the rate of 2-4 quarts per acre or 10-34-0 at the rate of 1-2 quarts per acre. Alternatively, a high quality, sprayable grade ammonium sulfate (21-0-0) may be used at the rate of 2-4 pounds per acre. Use the lower nitrogen rate for spray volumes less than 15 gallons per acre. The addition of ammonium fertilizer does not replace the need for a nonionic surfactant.
- Applications should be made when weeds are young, actively growing, and prior to exceeding the maximum size listed in the table. Applications made to weeds in the cotyledon stage or to weeds exceeding the maximum size listed below may result in unsatisfactory control.
- Applications should be made to actively growing soybeans after the first trifoliolate has opened but no later than 60 days before soybean maturity.
- Crop injury (temporary leaf yellowing and/or retardation of soybean growth) may result from application of this tank mixture. The potential for adverse crop response is most pronounced during hot, humid conditions, under widely fluctuating climatic conditions, or with application to soybeans growing under moisture stress.

WEEDS CONTROLLED	Height in inches
Cocklebur	2-6
Common Ragweed	1-3
Jimsonweed	2-4
Lambsquarters	2-4
Marestail	2-6
Morningglory (annual)* (Entireleaf, Ivyleaf, Pitted, Smallflower, Tall)	1-2
Mustard	2-4**
Pigweed	
Redroot (rough)	2-12
Other species	2-8
Smartweeds (annual)	2-6
Sunflower	2-6
Velvetleaf	2-6
Yellow Nutsedge	2-3

Product information: [www.agsurf.com](http://www.agsurf.com)  
© 2009 Agsurf Corporation, 1209 Orange Street, Wilmington, Delaware, 19801  
All rights reserved.

<b>WEEDS SUPPRESSED***</b>	<b>Height</b>	<b>in inches</b>
Burcucumber		2-3
Canada Thistle*		2-4
Common Milkweed (above ground portion)		2-6
Giant Ragweed*		2-4
Purple Nutsedge		2-3

\* May require sequential application with Cemax™ herbicide

\*\* Diameter

\*\*\* Suppression is a visual reduction in weed competition (reduced population, size, and/or vigor) as compared to untreated areas.

## **TANK MIXES**

- This 0.5 ounce Cemax™ herbicide plus 0.083 ounce "Harmony" GT herbicide mix may be tank mixed with postemergence grass herbicides such as "Assure" II herbicide. When tank mixing Cemax™ herbicide plus "Harmony" GT herbicide with "Assure" II herbicide or other postemergence grass herbicides, use 1-2 pints surfactant per 100 gallons spray solution. Use of the higher surfactant rate may increase crop injury. **DO NOT USE "DASH", CROP OIL CONCENTRATE, OR METHYLATED SEED OIL AS ADJUVANTS.**
- Do not use this Cemax™ herbicide plus "Harmony" GT herbicide tank mix with "Poast Plus".

## **APPLICATION INFORMATION**

- **Broadcast Application:** With ground equipment, use flat fan nozzles at 25-40 PSI. Use 10-25 gallons of spray per acre. Do not use hollow cone, flood, rain drop, or whirl chamber nozzles. For proper spray coverage, adjust boom and nozzle height according to the specifications listed by the manufacturer.

## **IMPORTANT PRECAUTIONS**

- Refer to the Cemax™ herbicide label and "Harmony" GT herbicide label for specific use instructions, limitations, precautions, and rotational crop intervals.
- Do not apply if rain is expected within one hour, otherwise weed control may be decreased.
- Do not cultivate before, during, or within 7 days after application. Cultivation may put weeds under stress by pruning roots, thus making control more difficult. The best time to cultivate is approximately 14 days after application.
- Do not overlap spray passes or severe crop injury will occur.
- Do not mix with organophosphate insecticides, or apply within 14 days before or after an application of an organophosphate insecticide as severe crop injury may occur.

**Product information: [www.agsurf.com](http://www.agsurf.com)**

**© 2009 Agsurf Corporation, 1209 Orange Street, Wilmington, Delaware, 19801  
All rights reserved.**

**IMPORTANT  
BEFORE USING CEMAX™ AND "HARMONY" GT HERBICIDES,  
READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND  
PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

"Dash" and "Poast Plus" are trademarks or registered trademarks of BASF AG

"Harmony" and "Assure" are registered trademarks of E.I. du Pont de Nemours & Company

R-1005 093009 04-11-01