

## **RESTRICTED USE PESTICIDE**

May injure (phytotoxic) susceptible non-target plants.

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Commercial and certified applicators must ensure that all persons involved in these activities are informed of the precautionary statements.



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**BALANCE® FLEXX Herbicide**

**Instructions for Impregnation and Application on Dry Fertilizer.**

EPA Reg. No. 264-1067

## *Product Bulletin*

### FOR DISTRIBUTION AND USE ONLY IN THE STATES OF ILLINOIS, IOWA, NEBRASKA, NORTH DAKOTA, AND SOUTH DAKOTA

FIFRA Section 2(ee) Recommendation: This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA. It is a violation of Federal and State Law to use this product in a manner inconsistent with its label. This product bulletin must be in the possession of the user at the time of application of the product. All applicable directions, restrictions and precautions on the EPA registered label are to be followed.

#### **DIRECTIONS FOR USE**

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

#### **IMPREGNATION AND APPLICATION ON DRY FERTILIZER**

BALANCE® FLEXX may be impregnated or coated on dry bulk fertilizers for applications to corn. Applications must be made using air flow fertilizer spreaders only. Follow all BALANCE® FLEXX label recommendations, special instructions and precautions. All state regulations relating to dry bulk fertilizer blending, impregnating and labeling must also be followed.

Rates: Select the recommended BALANCE® FLEXX use rate per acre and determine the quantity of dry bulk fertilizer to be applied per acre. Use a minimum of 200 pounds of dry bulk fertilizer per acre. Use the equation below to determine the amount of BALANCE® FLEXX needed per ton of fertilizer applied.

$$\frac{\text{fl. oz. BALANCE® FLEXX per acre} \times 2000}{\text{lb fertilizer per acre}} = \frac{\text{fl. oz. BALANCE® FLEXX}}{\text{per ton fertilizer}}$$

Impregnation: BALANCE® FLEXX may be impregnated on many commonly used dry fertilizers and urea but should not be impregnated on ammonium nitrate, fertilizers containing ammonium nitrate, potassium nitrate, sodium nitrate or powder limestone. To impregnate BALANCE® FLEXX on dry bulk fertilizer, use equipment that ensures even application of the BALANCE® FLEXX and adequate mixing such that all fertilizer within the load has been thoroughly coated. Begin with fertilizer carriers that are dry to minimize clogging and improve coverage of the fertilizer particles. Mix BALANCE® FLEXX with sufficient water to form a sprayable pre-slurry mixture and achieve complete and uniform coverage of fertilizer particles. Spray nozzles must be directed to provide uniform fertilizer coverage while avoiding spray contact with mixing equipment. Nonuniform impregnation can cause crop injury or unsatisfactory performance. Spray the herbicide mixture onto the fertilizer after blending has started. If necessary, include a suitable drying agent to ensure a spreadable herbicide impregnated fertilizer.

Pre-slurry carrier: If water is the sole pre-slurry carrier a suggested volume of 12 to 16 fl oz/A is suggested. If fertilizer volume is less than 400 pounds per acre the 12 fl oz slurry volume is recommended and if the fertilizer volume exceeds 400 pounds per acre, the higher 16 fl oz slurry volume is recommended to ensure proper distribution of herbicide. If other herbicides are to be used as a tank-mix/pre-slurry carrier, jar testing for compatibility of the herbicides with BALANCE® FLEXX may be required. Thorough mixing/agitation of BALANCE® FLEXX and tank-mix herbicide/pre-slurry carrier are required prior to applying to fertilizer. Care should be taken not to use too much pre-slurry carrier as to form sticky surfaces on fertilizer particles resulting in clumping. Agitate pre-slurry keeping agitation jets below the solution level to prevent foaming.

Urea Mixtures: Follow the instructions above applying BALANCE® FLEXX solution to fertilizer sources other than urea first while mixing. Add urea last then continue mixing until urea is coated with solution.

Straight Urea: BALANCE® FLEXX may be impregnated on straight urea following the procedures as outlined above, along with the following steps: Be certain to begin with urea that is dry to ensure proper mixing. After the BALANCE® FLEXX has been slurried with water, add crop oil concentrate (COC) in a volume equal to the water used in the slurry. Total COC + water mixture should not exceed 12 to 16 fl oz per acre. Once the COC is mixed into the water plus BALANCE® FLEXX pre-slurry, continue with the impregnation of the dry urea as outlined above by spraying the herbicide mixture onto the fertilizer after blending has started. If necessary, include a suitable drying agent to ensure a spreadable herbicide impregnated fertilizer.

Application: Apply the treated fertilizer immediately after impregnation to avoid lump formation and spreading difficulties. Accurate calibration of fertilizer application equipment and uniform fertilizer distribution is essential for satisfactory weed control. Airflow application equipment is required for uniform distribution of the impregnated fertilizer. Do not apply using spinner spreaders. Fertilizer impregnated with BALANCE® FLEXX must be applied prior to planting field corn and uniformly incorporated into the top 2 inches of soil using a finishing disk, harrow, field cultivator, or similar implement capable of providing uniform 2-inch incorporation. Do not incorporate BALANCE® FLEXX deeper than 2 inches or weed control may be reduced. BALANCE® FLEXX impregnated fertilizer may be applied up to 21 days preplant; 30 days preplant when used with a planned sequential herbicide application such as BALANCE® FLEXX followed by Ignite, Laudis, Buctril, or other post applied herbicides. Refer to the label for the respective sequential partner for specific use directions.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

or

Visit our worldwide web site at [www.bayercropscienceus.com](http://www.bayercropscienceus.com)

*As with any crop-protection product, always read and follow label directions.*

*For additional information call toll-free 1-866-99BAYER (1-866-992-2937).*