

## **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® PRO Herbicide**

EPA Reg. No. 264-600

Instructions for Impregnation and Application on Dry Fertilizer.

## ***Product Bulletin***

### **FOR USE AND DISTRIBUTION ONLY IN THE STATE OF ILLINOIS**

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**

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

BALANCE® PRO 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® PRO 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® PRO 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® PRO needed per ton of fertilizer applied.

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

Impregnation: BALANCE® PRO 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 PRO® on dry bulk fertilizer, use equipment that ensures even application of the BALANCE® PRO 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® PRO 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 1 pt/A is suggested. If fertilizer volume exceeds 400 pounds per acre carrier volume may need to be increased 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® PRO may be required. Thorough mixing/agitation of BALANCE® PRO and tank-mix herbicide/pre-slurry carrier is 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® PRO 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® PRO 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® PRO 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 1 pint per acre. Once the COC is mixed into the water and BALANCE® PRO 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® PRO 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® PRO deeper than 2 inches or weed control may be reduced. BALANCE® PRO impregnated fertilizer may be applied up to 21 days preplant; 30 days preplant when used with a planned sequential herbicide application such as BALANCE® PRO followed by Liberty, 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)).*