

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

April 27, 2015

Karen Cain Sr. Regulatory Manager Bayer CropScience 2. T.W. Alexander P.O. Box 12014 RTP, NC 27709

Subject: PRIA Label Amendment – Adding additional States to the Section 3 label. Product Name: Balance Flexx Herbicide EPA Registration Number: 264-1067 Application Date: 09/27/2013 Decision Number: 485431

Dear Ms. Cain:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Grant Rowland by phone at 703-347-0254, or via email at <u>Rowland.Grant@epa.gov</u>.

Sincerely,

Agtryn V. Wontague

Kathryn Montague, Product Manager 23 Herbicide Branch Registration Division (7505P) Office of Pesticide Program

Enclosure

ACCEPTED 04/27/2015

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

<sup>NO.</sup> 264-1067

# 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.

GROUP 27 HERBICIDE

# **BALANCE<sup>®</sup> FLEXX Herbicide**

For weed control in field corn, seed corn and corn grown for silage in the states of: AR, AL, CO, DE, GA, IL, IN, IA, KS, KY, LA, MI, MN, MO, MS, MT, NE, NJ, NM, NC, ND, OH, OK, PA, SC, SD, TN, TX, VA, and WY

In the states of CO, DE, KS, MD, MO, NJ, NM, SD, and WV use is only allowed under 24c registrations. A current 24c label must be in the possession of the user at the time of the pesticide application.

In the state of MN use is only allowed in accordance with the Minnesota Product Bulletin.

ACTIVE INGREDIENT:	
Isoxaflutole* [5-cyclopropyl-4-(2-methylsulfonyl-4-trifluoromethylbenzoyl) isoxazole]	
OTHER INGREDIENTS:	
TOTAL:	100.00%
*Product contains 2.0 pounds of isoxaflutole active ingredient per gallon.	

E.P.A. Reg. No. 264-1067

E.P.A. Est. No.

# KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

For <u>MEDICAL</u> and <u>TRANSPORTATION</u> Emergencies <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577 For <u>PRODUCT USE</u> Information Call 1-866-99BAYER (1-866-992-2937)

# **FIRST AID**

IF SWALLOWED:	Immediately call a poison control center or doctor for treatment advice.						
	Do not induce vomiting unless told to do so by a poison control center or doctor.						
	Have person sip a glass of water if able to swallow.						
	Do not give anything by mouth to an unconscious person.						
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.						
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.						
	Call a physician if irritation persists.						
IF ON SKIN OR • Take off contaminated clothing.							
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.						
	Call a poison control center or doctor for treatment advice.						
	For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.						
Have the produ	ct container or label with you when calling a poison control center or doctor or going for treatment.						

**NOTE TO PHYSICIAN:** No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

# PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below.

**Applicators and other handlers must wear:** Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks and protective eye wear. When mixing/loading or cleaning equipment, wear a chemical resistant apron in addition to the other required PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### ENGINEERING CONTROL STATEMENT

When handlers use closed systems, enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

Drift or runoff may adversely affect non-target plants. Drift and runoff may be hazardous to aquatic organism in neighboring areas. 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 washwaters or rinsate.

Do not apply when weather conditions favor drift from treated areas. Do not use the same spray equipment for other purposes unless thoroughly cleaned. Do not contaminate water used for irrigation or domestic purposes.

BALANCE® FLEXX Herbicide contains isoxaflutole which is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of BALANCE FLEXX Herbicide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Isoxaflutole residues can contaminate surface water through spray drift. Under some conditions, isoxaflutole residues may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips and areas over-laying tile drainage systems that drain to surface water.

In fields having sands, loamy sands and sandy loam soils, special care should be taken not to over-irrigate since substantial overirrigation promotes the leaching of chemicals.

This pesticide is toxic to some plants at very low concentrations. Non-target plants may be adversely affected if the pesticide is allowed to drift from areas of application. Exposure to isoxaflutole residues may injure or kill susceptible plants. Symptoms of phytotoxicity as a result of exposure to isoxaflutole include whitening or chlorosis of the foliage of affected plants. Cotton is particularly susceptible to isoxaflutole; therefore, exposure of cotton to isoxaflutole residues may affect cotton yield. To prevent damage to crops and other desirable plants, read and follow all directions and precautions on this label before using.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to exclude completely precipitation from contact shall be of sufficient capacity to contain at a minimum of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum

containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

#### ENDANGERED SPECIES PROTECTION REQUIREMENTS:

This product may have effects on federally listed threatened or endangered species or their critical habitat in some locations. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county or parish in which you are applying the pesticide. To determine whether your county or parish has a Bulletin, and to obtain that Bulletin, consult http://www.epa.gov/espp/, or call 1-800-447-3813 no more than 6 months before using this product. Applicators must use Bulletins that are in effect in the month in which the pesticide will be applied. New Bulletins will generally be available from the above sources 6 months prior to their effective dates.

## **DIRECTIONS FOR USE**

#### It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the same area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticides.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water, is coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, socks plus chemical resistant footwear and protective eye wear.

#### **PRODUCT INFORMATION**

BALANCE® FLEXX Herbicide contains the corn safener Cyprosulfamide.

BALANCE FLEXX Herbicide is formulated as a suspension concentrate containing 2 pounds isoxaflutole active ingredient per gallon. BALANCE FLEXX Herbicide also contains 2 pounds per gallon of the corn safener Cyprosulfamide.

BALANCE FLEXX Herbicide is a selective herbicide for control of important broadleaf and grass weeds infesting field corn when used as a preplant (surface-applied or incorporated), preemergence or early postemergence herbicide.

BALANCE FLEXX Herbicide is effective in controlling glyphosate, triazine, plant growth regulant or ALS resistant populations of weed species which are listed in the "Weed Species Control" tables below on this label.

BALANCE FLEXX Herbicide can be used on field (dent) corn for seed and blended field (dent) corn varieties. However, seed corn inbreds and male pollenators within certain corn varieties, vary in their response to BALANCE FLEXX Herbicide. Not all hybrids/inbreds have been tested for sensitivity to BALANCE FLEXX Herbicide. You should consult with your seed provider, your local Bayer CropScience representative and/or other knowledgeable agricultural professionals for advice on hybrid/inbred tolerance before applying BALANCE FLEXX Herbicide. If the tolerance of a hybrid/inbred is not known, you should apply BALANCE FLEXX Herbicide to a small area to first determine if the hybrid/inbred is tolerant prior to spraying large acreages of that hybrid/inbred.

#### **RESTRICTIONS FOR USE**

- Use on coarse textured soils with a shallow water table All Registered Uses:
  - In the states of AL, AR, CO, DE, GA, KS, KY, LA, MD, MO, MS, NC, NM, OK, SC, TN, TX, VA, and WV if the water table (i.e, level of saturation) is less than 25 feet below the ground surface, do not use on soils meeting all three of the following criteria. If the water table depth is unknown, do not use on any of the soils meeting all three of the following criteria. If less than three criteria are met or the water table is greater than 25 feet below the ground surface, there is no restriction against application:
    - The surface soil texture is loamy sand or sand
    - The subsoil texture is loamy sand or sand
    - The average organic matter (in the upper 12 inches) is less than 2% by weight
  - In the states of IA, IL, IN, MI, MT, ND, NE, NJ, OH, PA, SD, and WY, if the water table (i.e, level of saturation) is less than 25 feet below the ground surface, do not use on soils meeting all three of the following criteria. If the water table depth is unknown, do not use on any of the soils meeting all three of the following criteria. If less than three criteria are met or the water table is greater than 25 feet below the ground surface, there is no restriction against application:
    - The surface soil texture is sandy loam, loamy sand or sand
    - The subsoil texture is loamy sand or sand
    - The average organic matter (in the upper 12 inches) is less than 2% by weight
- PLANT CORN AT LEAST 1 1/2 INCHES DEEP. CORN SEED MUST BE COMPLETELY COVERED WITH SOIL AND FURROW FIRMED.
- Do not apply more than 6.0 fluid ounces per acre of BALANCE FLEXX Herbicide per 365-day period or exceed the maximum labeled rate for any given soil type.
- In corn, do not exceed from all sources 0.094 pounds per acre of isoxaflutole per 365-day period.
- In corn, do not exceed from all sources 0.20 pounds per acre of Cyprosulfamide per 365-day period.
- To prevent off-site movement of soil containing this product to non-target areas, do not apply BALANCE FLEXX Herbicide to
  areas receiving less than 15 inches of average annual precipitation unless supplemented to at least the equivalent of 15 inches
  of annual precipitation with irrigation water.
- Do not irrigate BALANCE FLEXX Herbicide into coarse soils at planting time when soils are saturated.
- Do not apply this product through any type of irrigation system.
- Do not apply this product using aerial application equipment.
- Do not use flood or furrow irrigation to apply, activate or incorporate this product.
- Do not apply solo HPPD inhibitor postmergence herbicides (Laudis<sup>®</sup>, Armezon<sup>™</sup> Impact<sup>®</sup>, Callisto<sup>®</sup>) to corn that has been treated with BALANCE FLEXX Herbicide in the same growing season.
- In Minnesota, this product must only be used in accordance with the Minnesota Product Bulletin. The Minnesota Product Bulletin, which accompanies the sale and packaging of the product, must be in possession of the user at the time of pesticide application.

#### PRECAUTIONS FOR USE

 Application of BALANCE FLEXX Herbicide at less than listed rates for the appropriate soil will only provide suppression of sensitive weeds.

#### **RESISTANCE MANAGEMENT**

BALANCE FLEXX Herbicide contains the active ingredient isoxaflutole which is an HPPD inhibitor mode of action (Group 27) and controls weeds by inhibition of carotenoid biosynthesis. Naturally occurring biotypes of certain weed species with resistance to a variety of herbicide modes of actions (triazine, ALS, PPO, glyphosate, auxin, HPPD, etc.) are known to exist. Repeated use of herbicides having similar modes of action allow resistant weed species to be selected for and spread. To manage the selection and spread of resistant weed populations, it is important to use herbicides with different modes of action in tank mixture, rotation or in conjunction with alternate cultural practices.

To help prevent the development of resistance to BALANCE FLEXX Herbicide, always use the full labeled rates as shown on the label. If applying another solo postemergence HPPD herbicide (such as Laudis<sup>®</sup>, Armezon<sup>™</sup>, Impact<sup>®</sup> or Callisto<sup>®</sup>) in a two pass program, always include an additional effective mode of action herbicide(s) as a tank mix partner.

#### **Integrated Pest (Weed) Management**

BALANCE FLEXX Herbicide may be integrated into an overall weed and pest management strategy whenever the use of a herbicide is required. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing) should be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

#### **ROTATIONAL CROP RESTRICTIONS**

Rotational crops vary in their crop response to low concentrations of BALANCE FLEXX Herbicide remaining in the soil. The amount of BALANCE FLEXX Herbicide that may be present in the soil depends on soil moisture, soil temp, application rate, elapsed time since application and other environmental factors. When BALANCE FLEXX Herbicide is used in combination with other products, always follow the most restrictive rotational crop requirements.

The following rotational	crops may be	planted after	applying BALANCE	LEXX Herbicide in Corn:

Rotational Interval	Сгор	Geography	Minimum precipitation Requirement <sup>1</sup>
0 Months	Corn (Field)	All	None
4 Months	(Wheat, triticale, cereal and rye)	All	None
6 Months	Soybeans, Barley, Sweet corn, Popcorn, Potato, Grain Sorghum, and Sunflower	All	None
	Cotton and Rice	All	15 inches of cumulative precipitation from application to planting of rotational crop. <sup>2</sup>
10 Months	Alfalfa	All	15 inches of cumulative precipitation from application to planting of rotational crop. <sup>2</sup>
	Dry Beans and Sugar beets	East of the Mississippi River	
11 Months	Peanut	All	15 inches of cumulative precipitation from application to planting of rotational crop. <sup>2</sup>
18 Months	Dry Beans and Sugar beets	West of the Mississippi River	15 inches of cumulative precipitation from application to planting of rotational crop. <sup>2</sup>
	All other crops	All	··· · · ·

<sup>1</sup>The amount of cumulative precipitation required before planting a rotational crop is in addition to the required rotational interval given in months.

<sup>2</sup>Furrow or Flood irrigation not to be included in total. No more than 7 inches of overhead irrigation included in total.

### **MIXING INSTRUCTIONS**

**Application with water or liquid fertilizer as a carrier:** Fill the spray tank 1/4 to 1/2 of the required volume of water or liquid fertilizer prior to the addition of BALANCE FLEXX Herbicide. Add the proper amount of BALANCE FLEXX Herbicide, then add the rest of the water or liquid fertilizer to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application. If BALANCE FLEXX Herbicide is applied in a tank mixture with other pesticides, add BALANCE FLEXX Herbicide to the spray tank first and ensure it is thoroughly dispersed before adding other pesticides. Continue to fill the tank with carrier to the desired volume while agitating. **CONTINUE AGITATION DURING APPLICATION TO ENSURE A UNIFORM SPRAY MIXTURE.** 

**Re-suspending SC Products in Spray Solution**: Like other suspension concentrates (SC's), BALANCE FLEXX Herbicide will settle if left standing without agitation. If the spray solution is allowed to settle for one hour or more, reagitate the spray solution for a minimum of 10 minutes before application.

#### TANK CLEANUP PROCEDURE

#### Cleaning Equipment After BALANCE FLEXX Herbicide Application

Special attention must be given to cleaning equipment before spraying a crop other than corn. Mix only as much cleaning solution as needed.

- 1. Flush tank, hoses, boom and nozzles with clean water.
- 2. Use a pressure washer with a high quality commercial spray tank cleaner in water to clean the inside of the spray tank. Take care to wash all parts of the tank, including the inside top surface. If a pressure washer is not available, completely fill the sprayer with the cleaning solution to ensure contact of the cleaning solution with all internal surfaces of the tank and plumbing. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for at least 15 minutes. All visible deposits must be removed from the spraying system.
- 3. Flush hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution.
- 4. Dispose of rinsate from steps 1-3 in an appropriate manner.
- 5. Repeat steps 2-4.
- 6. Remove nozzles, screens and strainers and clean separately in the cleaning solution after completing the above procedures.
- 7. Rinse the complete spraying system with clean water.
- 8. Cleanup should be conducted on an approved rinse pad or the field site where an approved crop is to be grown.

#### **TANK MIXTURES**

BALANCE FLEXX Herbicide can be applied in tank mixture with many other pesticides registered for use on corn, and other crops on EPA-approved supplemental labeling. Refer to the USE RATE TABLE under SPECIFIC USE DIRECTIONS and the "Tank Mix Combination" section for rate requirements and other restrictions. Also, refer to instructions for early postemergence tank mixtures, adjuvants and carrier solutions for directions on the use of tank mixtures after crop emergence. Follow the most restrictive label precautions and limitations.

#### COMPATIBILITY

If BALANCE FLEXX Herbicide is to be tank mixed with liquid fertilizers or other pesticides, compatibility should be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 qt) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5-15 minutes after mixing. Read and follow all parts of the label of each tank-mix product.

#### **APPLICATION PROCEDURES**

#### APPLICATION TIMING

BALANCE FLEXX Herbicide may be used in either conventional, conservation tillage, or no-till crop management systems and may be applied either preplant or preplant incorporated (less than 2" deep), preemergence or early postemergence for use in field corn production, corn grown for silage, and field (dent) corn grown for seed.

BALANCE FLEXX Herbicide treatments are most effective in controlling weeds when adequate rainfall is received within 14 days after application. If cultivation is necessary because of soil crusting, soil compaction or weed germination before rain occurs, use shallow tillage such as rotary hoe to lightly incorporate BALANCE FLEXX Herbicide and make certain corn seeds are below the tilled area. If treated soil is moved during tillage practices in such a way that the herbicide barrier is no longer intact, weeds may emerge from areas where treated soil has been removed. Do not incorporate with a drag harrow after planting.

**Preplant Surface-Applied:** BALANCE FLEXX Herbicide may be applied up to 21 days before planting corn. BALANCE FLEXX Herbicide may be applied up to 30 days prior to planting when used in a planned sequential application program such as BALANCE FLEXX Herbicide followed by Liberty 280° Herbicide, Buctril<sup>®</sup> Herbicide, or other post applied herbicides. Refer to the label of the respective sequential partner for specific use directions. Split applications can be made. It is recommended that 60 percent of the listed broadcast rate (refer to the rate selection table below) be applied 15 to 30 days prior to planting and the remaining 40 percent applied at planting. Total BALANCE FLEXX Herbicide applied may not exceed the listed rate for a preplant treatment on the predominate soil type in the field. Moving treated soil out of the row or moving untreated soil to the surface during planting may result in reduced weed control.

**Preplant Incorporated**: BALANCE FLEXX Herbicide may be applied up to 21 days before planting field corn; up to 30 days prior to planting when used in a planned sequential application program such as BALANCE FLEXX Herbicide followed by Liberty 280<sup>®</sup> Herbicide, Buctril<sup>®</sup> Herbicide, or other post applied herbicides. Refer to all parts of the respective sequential partner label for specific use directions. Apply to the soil and uniformly incorporate in the top two inches of soil before planting using a finishing disc, field cultivator or similar implement capable of providing uniform two inch incorporation. Do not incorporate BALANCE FLEXX Herbicide deeper than 2" or weed control may be reduced.

**Preplant/Preemerge Burndown:** When weeds are present at the time of treatment and prior to corn emergence, a tank mixture of BALANCE FLEXX Herbicide with crop oil concentrate or methylated seed oil is recommended for burndown of labeled weeds 3" or less in height. When weeds are greater than 3" in height or weeds not controlled by BALANCE FLEXX Herbicide are present, the addition of a burndown herbicide (e.g., Gramoxone® Extra, glyphosate, or 2,4-D) is recommended. If giant ragweed, common cocklebur, henbit, Pennsylvania smartweed or purple deadnettle are present at the time of application, the addition of atrazine will improve control. Observe directions for use and precautions and restrictions on the label of the burndown herbicide. When mixing with liquid nitrogen fertilizer or certain glyphosate formulations, substitute a non-ionic surfactant for crop oil concentrate.

**Preemergence:** Apply BALANCE FLEXX Herbicide during planting (behind the planter after furrow closure) or after planting, but before weeds or crop emerge. Failure to thoroughly close and firm the seed furrow may allow herbicide to directly contact the seed which can cause injury.

**Early Postemergence:** BALANCE FLEXX Herbicide alone or in tank mixture with atrazine may be applied to corn from spiking through the 2 leaf-collar growth stage (V2, the first leaf has a rounded tip). BALANCE FLEXX Herbicide may not provide control of emerged weeds larger than a 1 true leaf stage.

Harvest of corn forage is permitted at 45 days or more after an early postemergence treatment of BALANCE FLEXX Herbicide.

**Early Postemergence tank mixtures, adjuvants and carrier solutions:** BALANCE FLEXX Herbicide can be applied to corn in tank mixture with atrazine from spiking through the 2-leaf collar growth stage.

Do not use COC, MSO, or a loaded glyphosate formulation with BALANCE FLEXX Herbicide applied to emerged field corn.

Tank-mixtures with other herbicides or adjuvants are not recommended for early postemergence applications of BALANCE FLEXX Herbicide as crop response symptoms including bleaching, leave edge necrosis and stunting may result.

DO NOT apply tank-mixes of BALANCE FLEXX Herbicide with organophosphate or carbamate insecticides to emerged corn. Foliar applications of an organophosphate or carbamate insecticides should not be made within 7 days of an application of BALANCE FLEXX Herbicide or crop injury may result.

Early postemergence applications of BALANCE FLEXX Herbicide should be made in water as the carrier. Sprayable fluid fertilizer as an herbicide carrier for early postemergence applications in corn can typically cause corn injury up to and including tissue burn (necrosis). Sprayable fluid fertilizer as a carrier is not recommended for use with BALANCE FLEXX Herbicide after crop emergence unless typical fertilizer burn symptoms on the crop are acceptable.

#### **GROUND APPLICATION**

DO NOT OVERLAPS SPRAY PATTERNS BEYOND EQUIPMENT MANUFACTURERS' RECOMMENDATIONS AS EXCESSIVE RATES MAY RESULT IN ADVERSE CROP RESPONSE.

Apply BALANCE FLEXX Herbicide alone or in tank mixtures by ground equipment in a minimum of 10 gallons of spray mixture per acre. Uniform, thorough spray coverage is important to achieve consistent weed control. To minimize spray drift to non-target areas, apply this product using nozzles which deliver a coarse or larger spray droplet as defined by ASAE standard S-572 and as shown in nozzle manufacturer's catalogues. Keep the spray boom at the lowest possible spray height above the target surface. Refer to nozzle manufacturer's recommendations for proper nozzle, pressure setting and sprayer speed for optimum product performance and minimal spray drift. Use sprayers that provide accurate and uniform application.

Uneven application, sprayers not properly calibrated, or improper incorporation may decrease the level of weed control and/or increase the level of adverse crop response. Over applications or boom overlapping may result in stand loss.

Maintain constant ground speed while applying product to ensure proper distribution. MAINTAIN ADEQUATE AGITATION AT ALL TIMES, INCLUDING MOMENTARY STOPS.

#### **BANDED APPLICATION**

Banding herbicide application equipment must be carefully calibrated to prevent crop exposure to concentrations of BALANCE FLEXX Herbicide that exceed the labeled rate for the soil type. It is critical to insure that the calibrated band width equates to actual band width realized in field applications. Bands actually delivered at a width narrower than targeted will concentrate the product and increase the risk for crop response.

#### EVEN FLAT SPRAY TIP NOZZLES AND A BAND WIDTH OF NO LESS THAN 12" MUST BE USED.

Band Treatment: Apply a broadcast equivalent rate and volume per acre. The following equations may be used to make the required calculations as follows:

Band width in inches	x Broadcast RATE per acre	= Amount product needed per acre.
Row width in inches		
Band width in inches	x Broadcast spray VOLUME per acre	= Amount Band spray VOLUME needed per acre
Row width in inches		

# SPECIFIC USE DIRECTIONS

# USE RATE TABLE

#### BALANCE FLEXX Herbicide APPLIED ALONE, AS A TANK-MIX OR AS PART OF A PLANNED SEQUENTIAL WEED CONTROL PROGRAM

	Fluid Ounces of BALANCE FLEXX Herbicide per Acre						
			Soil Texture				
Application	Coarse S	oils	Mediur	n Soils	Fine Soils		
Timing <sup>1</sup>	Sand, Loamy sand, Sandy loam		Sandy clay loam Clay loam, Sa		Silty clay loam, Clay loam, Sandy clay, Silty clay,		
	1.5% O.M. <sup>2</sup> or less	> 1.5% O.M.	1.5% O.M. or less	>1.5% O.M.	Clay		
Preplant (Surface Applied or Incorporated): Early 8 to 30 days prior to planting	4.0	5.0	6.0				
Preplant (Surface Applied or Incorporated): 0 to 7 days prior to planting.							
Preemergence	3.0	4.0	5.0		6.0		
Early postemergence							

<sup>1</sup>BALANCE FLEXX Herbicide may be applied up to 30 days prior to planting when used in a planned sequential application program such as BALANCE FLEXX Herbicide followed by Liberty 280<sup>®</sup> Herbicide, Buctril<sup>®</sup> Herbicide, or other post applied herbicides.

<sup>2</sup>O.M. = Organic Matter by weight

Effect of variable soils on use rate: The proper use rate of BALANCE FLEXX Herbicide is affected by several soil factors, including soil texture, organic matter, and soil pH. Soils which contain variations in one or more of these factors in a given area are termed variable soils and may be more likely to incur localized corn injury symptoms from an application of BALANCE FLEXX Herbicide. Characteristics of localized soil variants that are more likely to incur injury are a more coarse soil texture, a lower organic matter and/or a higher pH (alkaline/calcareous soil) than other areas of the same field and include, among others, clay knolls, eroded hill sides and terracing with scraped exposed subsoil. The user is responsible for selecting the rate of BALANCE FLEXX Herbicide that is appropriate for all soils in the area of application.

# TANK MIX COMBINATIONS

BALANCE FLEXX Herbicide MAY BE TANK MIXED WITH THESE HERBICIDES FOR CONTROL OF CERTAIN BROADLEAF AND GRASS WEEDS IN CORN.

Tank-mixes with BALANCE FLEXX Herbicide are not limited to the tank-mix partners mentioned in below lists. Refer to and follow all parts of the label of each tank-mix partner. See instructions for early postemergence tank mixtures, adjuvants and carrier solutions for directions on the use of tank mixtures with BALANCE FLEXX Herbicide after crop emergence.

Tank-mix combinations may be used in either conventional, conservation tillage, or no-till cropping systems and applied at the same timings as BALANCE FLEXX Herbicide unless otherwise specified in the tank mix label. Multiple tank mixtures are allowed unless otherwise specified by the respective product labels. Check all tank-mix product labels for proper rates and compatibilities for multiple tank-mixes.

BALANCE FLEXX Herbicide is also recommended as the first herbicide applied in an integrated weed control program that includes sequential postemergence herbicide applications.

#### TANK-MIX PARTNERS NOT CONTAINING A TRIAZINE HERBICIDE.

#### 2,4-D

AUTUMN<sup>™</sup> Herbicide

AUTUMN SUPER 51 WDG<sup>™</sup> Buctril<sup>®</sup> Herbicide Glyphosate (including Roundup<sup>®</sup> and Touchdown<sup>®</sup> branded products) Liberty 280<sup>®</sup> Herbicide Sharpen<sup>™</sup> Herbicide

Apply the following tank-mix partners at labeled rates based on the product's allowable use rate for specific soil types and/or organic matter content.

Dual<sup>®</sup>/Dual<sup>®</sup> II/ Dual<sup>®</sup> II Magnum Harness<sup>®</sup> Lasso<sup>®</sup> / Micro-Tech<sup>®</sup> / Partner<sup>®</sup> Prowl<sup>®</sup> 3.3 EC Prowl<sup>®</sup> H2O Surpass<sup>®</sup> Topnotch<sup>®</sup> Degree<sup>™</sup> Outlook<sup>®</sup>

#### TANK-MIX PARTNERS CONTAINING A TRIAZINE HERBICIDE

Atrazine 4L Atrazine 90 WG Bicep® II / Bicep® Lite II / Bicep® II Magnum/ Bicep® Lite II Magnum Bullet® Field Master® Fultime® G-Max<sup>™</sup> Lite Guardsman<sup>®</sup> Guardsman® Max Harness<sup>®</sup> Xtra Harness<sup>®</sup> Xtra 5.6L Keystone™ Keystone™ LA Herbicide Lariat® Leadoff® Op-Till™ Simazine/Princep Surpass<sup>®</sup> 100 Degree Xtra™

#### **SEQUENTIAL APPLICATIONS**

BALANCE<sup>®</sup>FLEXX Herbicide may be applied as the first herbicide in an integrated weed control program that includes sequential postemergence herbicide applications with products such as Laudis<sup>®</sup> Herbicide, Capreno ® Herbicide, dicamba-containing herbicides (such as Status<sup>®</sup>, Banvel<sup>®</sup>, etc.), Liberty 280<sup>®</sup> Herbicide or glyphosate in transgenic field corn. If applying solo HPPD herbicides such as Laudis<sup>®</sup>, Impact<sup>®</sup>, Armezon<sup>™</sup>, or Callisto<sup>®</sup>, or applying Capreno always add another effective mode of action herbicide as a tank mix partner.

Sequential herbicide applications either before or following BALANCE<sup>®</sup>FLEXX Herbicide treatments may be used to control additional weeds. Refer to all parts of the individual product labels of herbicides used in sequence with BALANCE<sup>®</sup>FLEXX Herbicide.

CONTR	OLLED BY B/	ALANCE FLEX	X Herbicide A	ONE AND IN TANK MIXT	URES FOR FI	ELDCORN	1
Broadleaf Weeds (C = Weeds Controlled, PC = Partial Control)	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide	Grassy Weeds (C = Weeds Controlled, PC = Partial Control)	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide
Amaranth, Palmer	С	С	С	Barnyardgrass	С	С	С
Buffalobur	С	С	С	Crabgrass, large	С	С	С
Burcucumber	PC	PC	PC	Crabgrass, smooth	С	С	С
Buttercup, small flower	С	С	С	Cupgrass, woolly **	С	С	С
Carpetweed		İ.	С	Foxtail, bristly	С	С	С
Chamomile spp.	С	С	С	Foxtail, giant	С	С	С
Chickweed, common	С	С	С	Foxtail, green	С	С	С
Cocklebur*		С		Foxtail, robust purple	С	С	С
Copperleaf, hophornbeam	С	С	С	Foxtail, robust white	С	С	С
Dandelion (seedling)	С	С	С	Foxtail, yellow**	С	С	С
Deadnettle, purple	С	С	С	Goosegrass	С	С	С
Galinsoga	С	С	С	Johnsongrass, seedling	С	С	С
Henbit	PC	С	PC	Panicum, fall	С	С	С
Jimsonweed	С	С	С	Panicum, Texas	С	С	С
Kochia	С	С	С	Proso millet, wild**	С	С	С
Lambsquarters, common	С	С	С	Sandbur, field**	PC	PC	PC
Mallow, Venice	С	С	С	Shattercane **	PC	PC	PC
Marestail	С	С	С	Signalgrass, broadleaf **	С	С	С
Morningglory, annual*		С		Witchgrass			С
Wild mustard	С	С	С				
Nightshade, black	С	С	С				
Nightshade, eastern black	С	С	С				
Nightshade, hairy			С				
Pennycress, field	С	С	С				
Pepperweed, virginia	С	С	С				
Plantain, broadleaf	С	С	С				
Pigweed, prostrate	С	С	С				
Pigweed, redroot	С	С	С				
Pigweed, smooth	С	С	С				
Purslane, common	С	С	С				
Radish, wild	С	С	С				
Ragweed, common	С	С	С				
Ragweed, giant*	PC	С	PC				
Russian Thistle	С	С	С				
Shepherds-purse	С	С	С				
Smartweed, Pennsylvania	С	С	С				
Spurge, toothed	С	С	С				
Sunflower, wild*		С					
Velvetleaf	С	С	С				
Waterhemp, common	С	С	С				
Waterhemp, tall	С	С	С				

#### BROADLEAF AND GRASS WEEDS CONTROL LED BY BALANCE ELEXX Herbicide ALONE AND IN TANK MIXTURES FOR FIELD CORN

C= Control PC=Partial control\*\*\*

\* These weeds may require a postemergence application of Buctril® Herbicide or other appropriate postemergence herbicides.

\*\* These weeds may require the addition of a pre-emerge grass herbicide tank-mix partner, or an appropriate post-emergence herbicide application for control of late season escapes.

\*\*\*Partially controlled weeds will be stunted in growth and/or be reduced in number as compared to non-treated areas; performance may not be commercially acceptable. The degree of weed control will vary with weed size, density, spray coverage, and/or growing conditions.

# STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Store in original container away from feed and food. Store in cool, dry area. Do not store in direct sunlight. Do not allow prolonged storage in temperatures that exceed  $105^{\circ}F$  ( $40^{\circ}C$ ) or in temperatures that fall below  $14^{\circ}F$  ( $-10^{\circ}C$ ).

#### PESTICIDE DISPOSAL

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

#### CONTAINER HANDLING

#### Rigid, Non-refillable containers (equal to or less than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

#### Rigid Non-refillable containers (greater than 5 gallons or 50 lbs)

#### **Non-refillable Containers**

Non-refillable containers - Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

#### Bottom Discharge IBC (e.g. - Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

#### Top Discharge IBC, Drums, Kegs (e.g.- Snyder 120 Next Gen, Bonar B120, Drums, Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

#### **Refillable Containers**

Refillable container – Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows. Refill this container with pesticide only. Do not reuse this container for any other purpose. Contact your Ag retailer or Bayer CropScience for container return, disposal and recycling information.

#### Bottom Discharge IBC (e.g. - Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.- Snyder 120 Next Gen, Bonar B120, Drums, Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container.

# **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

# NET CONTENTS: 2.5 gallons 2.0 gallons [FOR REPACK ONLY]

BALANCE FLEXX, Buctril, Laudis, and Liberty 280 are registered trademarks and Autumn, and Autumn Super WDG are trademarks of Bayer.

Gramoxone, Callisto, Surpass, Dual, Bicep and Magnum are registered trademarks of a Syngenta Group Company.

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Roundup, Harness, Micro-Tech, Lasso, Partner, Bullet, Field Master and Lariat are registered trademarks and Degree and Degree Xtra are trademarks of Monsanto Company.

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Banvel is a registered trademark of Arysta Life Sciences North America LLC.

Produced for



Bayer CropScience LP P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709 1-866-99BAYER (1-866-992-2937)

BALANCE FLEXX HERBICIDE (PENDING) 09/26/13, 10/1/2013, 09/23/14, 11/10/14, 01/29/2015, 03/20/2015, 04/09/15, 04/20/15, 04/20/15, 04/27/2015

# **RESTRICTED USE PESTICIDE**

May injure (phytotoxic) susceptible non-target plants. For retail sale to and use only by Minnesota-licensed/certified applicators and only for those uses covered by the Certified Applicator's certification. All applicators must ensure that all persons involved in the use of this product are informed of the requirements on this Product Bulletin.



# **Bayer** CropScience

**Bayer CropScience LP** P.O. Box 12014 2 T.W. Alexander Drive **Research Triangle Park, North Carolina 27709** 1-866-99BAYER (1-866-992-2937)



Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

264-1067

BALANCE<sup>®</sup> FLEXX Herbicide

EPA Reg. No. 264-1067

For weed control in field corn, seed corn and corn silage.

MINNESOTA SPECIFIC RESTRICTIONS

In the state of Minnesota, follow all use directions and precautions on: 1) this Minnesota Product Bulletin, which must accompany the sale and packaging of this product, and 2) the container label. This Product Bulletin must be in the possession of the user at the time of the pesticide application.

# Product Bulletin

# KEEP OUT OF REACH OF CHILDREN CAUTION

# DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Read this Product Bulletin and the product package label before using this product. This Product Bulletin must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for BALANCE® FLEXX Herbicide attached to the container.

# FOR DISTRIBUTION AND USE ONLY IN THE STATE OF MINNESOTA

# Refer to the Container label for additional use precautions and directions.

# MINNESOTA SPECIFIC RESTRICTIONS

Use is prohibited in Dakota, Dodge, Fillmore, Goodhue, Houston, Mower, Olmsted, Rice, Wabasha and Winona counties and north of Interstate 94

This product may not be applied by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet around natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66-foot buffer or setback from runoff entry points must be planted to crop, seeded with grass or other suitable crop.

Tile-outletted fields containing standpipes:

One of the following restrictions must be used in applying isoxaflutole to tile-outletted fields containing standpipes:

- 1. Do not apply this product within 66 feet of standpipes in tile-outletted fields.
- 2. Apply this product to the entire tile-outletted field and immediately incorporate it to a depth of 2-3 inches in the entire field.
- Apply this product to the entire tile-outletted field under a no-till practice only when a high crop residue management practice is practiced. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.

# AGRICULTURAL CHEMICALS HAVE THE POTENTIAL TO MOVE INTO SHALLOW GROUNDWATER. THE FOLLOWING RESTRICTIONS ARE INTENDED TO PROTECT DRINKING WATER SUPPLIES.

Application of this product through any type of irrigation or chemigation system is prohibited.

The use of BALANCE<sup>®</sup> Flexx is prohibited on irrigated fields unless an irrigation management plan is followed. For guidance, refer to the following publications for information on managing irrigation water:

- Irrigation Water Management (Code 449). Natural Resources Conservation Services, USDA, NRCS-Minnesota. 2012. St. Paul, Minnesota. 4 pp. <u>http://efotg.sc.egov.usda.gov/references/public/MN/449mn.pdf</u>
   Irrigation System, Sprinkler (Code 442). Natural Resources Conservation Services. USDA, NRCS-Minnesota. 2012. St.
- Irrigation System, Sprinkler (Code 442). Natural Resources Conservation Services. USDA, NRCS-Minnesota. 2012. St. Paul, Minnesota. 9 pp. <u>http://efotg.sc.egov.usda.gov/references/public/MN/442mn.pdf</u>

In irrigated fields having soils with less than 15% field moisture holding capacity, special care must be taken not to over-irrigate, since substantial over-irrigation promotes the leaching of chemicals.

#### **Soil Restrictions**

Do not use if: (1) The seasonal high water table depth (the first depth at which standing water is encountered below the ground surface) is either a) unknown or b) less than 25 feet below the ground surface, <u>and</u> (2) The field contains either a) soils meeting all three of the following criteria or b) one or more restricted soils named in the table below.

Criteria:

- The surface soil texture is sandy loam, loamy sand or sand
- The subsoil texture is loamy sand or sand
- The average organic matter (in the upper 12 inches) is less than 2% by weight

abbeylake	coloma	gotham	lavell	poppleton	sparta
abscota	copaston	granby	lenroot	radium	stonelake
alban	corliss	graycalm	lida	redby	talmo
algansee	cowhorn	grayling	lino	renshaw	thurman
anoka	cromwell	grettum	lohnes	rodman	torning
arvilla	deford	hamar	maddock	roscommon	two inlets
aylmer	dickinson	Hangaard	mahtomedi	rosy	ulen
bantry	dickman	hawick	meehan	rushlake	wawina
barber	duelm	hecla	menahga	salida	wealthwood
beavercreek	eagleview	hiwood	minneiska	sandberg	westoo
becker	egeland	hubbard	nemadji	sartell	winterfield
cantlin	emmert	hoopeston	nymore	scotah	wurtsmith
carmi	estherville	lanaranzi	omega	serden	zimmerman
chelsea	faunce	lamont	osakis	shawano	zumbro
chetek	friendship	langola	pengilly	sioux	
clearriver	fossum	lasa	plainfield	soderville	

#### **Restricted Soils Table**

#### For <u>MEDICAL</u> And <u>TRANSPORTATION</u> Emergencies <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577 For <u>PRODUCT USE</u> Information Call 1-866-99BAYER (1-866-992-2937)

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).

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