



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

June 11, 2024

Daljit Singh  
Senior Regulatory Affairs Manager  
Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167

Subject: Notification per PRN 98-10 – Adding CSI safener logo

Product Name: BALANCE® FLEXX Herbicide  
EPA Registration Number: 264-1067  
Application Date: 4/01/2024  
Case Number: 561801

Dear Mr. Singh,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact please contact Sayed Islam at 202-566-2796 or by email at [islam.sayed@epa.gov](mailto:islam.sayed@epa.gov).

A handwritten signature in black ink, appearing to read "Sayed Islam For". The signature is stylized with a large initial "S" and a long horizontal stroke extending to the left.

Sayed Islam For  
Heather McFarley, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

## 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.

ISOXAFLUTOLE

GROUP

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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, MD, OH, OK, PA, SC, SD, TN, TX, VA, WI, WV, and WY

[Optional label text: With CSI safener (logo)]

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

In the state of WI use is only allowed in accordance with the Wisconsin Product Bulletin.

### ACTIVE INGREDIENT:

Isoxaflutole [5-cyclopropyl-4-(2-methylsulfonyl-4-trifluoromethylbenzoyl) isoxazole].....**20.00%**

**OTHER INGREDIENTS:** .....**80.00%**

**TOTAL:** .....**100.00%**

Contains 2.00 pounds active ingredient per U.S. gallon

EPA Reg. No. 264-1067

EPA Est.

## KEEP OUT OF REACH OF CHILDREN CAUTION

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)

[See additional precautionary statements and directions for use on label.]

Net Contents: 2.5 gallons  
2.0 gallons [FOR REPACK ONLY]

### NOTIFICATION

264-1067

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

6/11/2024

PRODUCED FOR



Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
1-866-99BAYER (1-866-992-2937)

## FIRST AID

<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present; after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>In case of emergency, call the toll-free Bayer CropScience Emergency Response telephone number: 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</b>	
Note to Physician: No specific antidote is available. All treatments needs to be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.	

## PRECAUTIONARY STATEMENTS

### HAZARDS 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 and before eating, drinking, chewing gum, using tobacco, or using the toilet.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material including polyethylene or polyvinyl chloride
- Shoes plus socks
- 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.

### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENGINEERING CONTROLS

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.

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## ENVIRONMENTAL HAZARDS

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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 must should be taken not to over-irrigate since substantial over-irrigation 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 Advisory/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 be available from the above sources 6 months prior to their effective dates.

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## CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

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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. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE 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 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 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'S ELECTION, THE REPLACEMENT OF PRODUCT.

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# DIRECTIONS FOR USE

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## RESTRICTED USE PESTICIDE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Read the 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 area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**For Important crop safety information, refer to the Use Directions section under the specific crop.**

**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.**

**In Wisconsin, this product must only be used in accordance with the Wisconsin Product Bulletin. The Wisconsin Product Bulletin, which accompanies the sale and packaging of the product, must be in possession of the user at the time of pesticide application.**

### 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, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. 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
- Protective eyewear

## PRODUCT INFORMATION

BALANCE® FLEXX Herbicide:

- is a selective herbicide for control of important broadleaf and grass weeds infesting field corn, seed corn and corn grown for silage.
- is formulated as a suspension concentrate (SC) containing 2 pounds isoxaflutole active ingredient per gallon. Contains the active ingredient isoxaflutole which is an HPPD inhibitor mode of action that controls weeds by inhibiting enzymes that are essential to the protection of chlorophyll in plant leaves.
- is effective in controlling glyphosate-, triazine-, PPO-, ALS- and auxin- herbicide resistant populations of weed species.

## APPLICATION INSTRUCTIONS

BALANCE FLEXX Herbicide:

- may be used in either conventional, conservation tillage, or no-till crop management systems.
- may be applied either preplant [ surface applied or incorporated (less than 2" deep)], preemergence, or early postemergence.
- will provide it's most effective weed control when applied and subsequently moved into the soil by rainfall, sprinkler irrigation or mechanical tillage prior to weed emergence.
- may be tank mixed or applied in sequential applications with other herbicides to control additional weeds.
- may be applied using either water carrier or sprayable grade fluid fertilizer as a liquid carrier.
- may be applied by ground application only. Aerial application is not permitted.
- may be applied as either a broadcast spray or as a band application.

Refer to the **SPECIFIC USE DIRECTIONS** section of this label for additional application information specific from each registered use of BALANCE FLEXX Herbicide.

## Ground Application (Banding)

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.

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

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} * \text{broadcast rate per acre} = \text{banding rate per acre}$$

$$\frac{\text{band width (inches)}}{\text{row width (inches)}} * \text{broadcast spray volume per acre} = \text{banding spray volume per acre}$$

## Ground Application (Broadcast)

Apply BALANCE FLEXX Herbicide either alone or in tank mixtures in a minimum of 10 gallons of spray mixture per acre. Uniform, thorough spray coverage is important to achieve consistent weed control. Keep the spray boom at the lowest possible spray height above the target surface. Refer to nozzle manufacturer's specifications for proper nozzle, pressure setting, and sprayer speed for optimum product performance and minimal spray drift. 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. Maintain constant ground speed while applying product to ensure proper distribution. **DO NOT** overlap spray patterns beyond equipment manufacturers specifications as excessive rates may result in adverse crop responses and potential stand loss. Maintain adequate agitation at all times, including momentary stops.

## USE RESTRICTIONS

- Use on coarse textured soils with a shallow water table
  - 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.

### For the state of Kansas (KS) only:

If the water table (i.e., level of saturation) is less than 25 feet below the ground surface, do not apply to the following vulnerable loamy sand or sand soils. If the water table is unknown, do not apply Balance Flexx Herbicide to a restricted soil.

Aline	Els	Haxtun	Lincoln	Thurman
Bankard	Elsmere	Inavale	Pratt	Tivoli
Dillwyn	Goltry	Kanza	Sarpy	Valent
Dix	Goodnight	Las Animas	Schamber	Valentine
Dwyer	Gracemore	Likes	Simeon	

If a field contains several soil types, one of which is a vulnerable soil listed above, and the water table is less than 25 feet, do not apply **Balance Flexx Herbicide**.



**For the state of Missouri (MO) only:**

In the state of MO, **DO NOT** use in the following counties: Butler, Cape Girardeau, Dunklin, Mississippi, New Madrid, Pemiscot, Scott, and Stoddard. If the water table (i.e., level of saturation) is less than 25 feet below the ground surface, do not apply to the following vulnerable loamy sand or sand soils. If the water table is unknown, do not apply Balance Flexx Herbicide to a restricted soil.

Alvin	Carr	Eustis	Malden	Scotco
Beulah	Clana	Finchford	Plainfield	Shelldrake
Bruno	Crevasse	Hodge	Sandbur	Sparta
Canalou	Diehlstadt	Landes	Sarpy	Wideman

If a field contains several soil types, one of which is a vulnerable soil listed above, and the water table is less than 25 feet, do not apply **Balance Flexx Herbicide**.

- **DO NOT** apply more than 6.0 fluid ounces (0.094 lbs of isoxaflutole) per acre of BALANCE FLEXX Herbicide per year or exceed the maximum labeled rate for any given soil type.
- **DO NOT** apply this product using aerial application equipment.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** use flood or furrow irrigation to apply, activate, or incorporate this product.
- **DO NOT** irrigate BALANCE FLEXX Herbicide into coarse soils at planting time when soils are saturated.
- **DO NOT** allow cover crops in fields treated with BALANCE FLEXX Herbicide to be grazed by livestock or harvested for food.
- **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 must not be made within 7 days of an application of BALANCE FLEXX Herbicide or crop injury may result.
- 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** apply solo HPPD inhibitor postmergence herbicides to corn that has been treated with BALANCE FLEXX Herbicide in the same year.
- **DO NOT** use COC, MSO, or a loaded glyphosate formulation with BALANCE FLEXX Herbicide applied to emerged field corn.
- In the state of MN use is only allowed in accordance with the Minnesota Product Bulletin. The Minnesota Product Bulletin, which accompanies the sale and packaging of this product, must be in the possession of the user at the time of pesticide application.
- In the state of WI use is only allowed in accordance with the Wisconsin Product Bulletin. The Wisconsin Product Bulletin, which accompanies the sale and packaging of this product, must be in the possession of the user at the time of pesticide application.

Refer to the specific use directions and restrictions in each specific crop section.

## RESISTANCE MANAGEMENT

For resistance management, BALANCE FLEXX Herbicide is a Group 27 herbicide. Any weed population may contain or develop plants naturally resistant to BALANCE FLEXX Herbicide and other Group 27 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies need to be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of BALANCE FLEXX Herbicide or other Group 27 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage ( or other mechanical control methods), cultural ( e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method including hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance contact Bayer CropScience at 1-866-99BAYER (1-866-992-2937). You can also contact your pesticide distributor or university extension specialist to report resistance.

# SPRAY DRIFT MANAGEMENT

## **Mandatory Spray Drift Requirements**

**DO NOT** aerially apply this product.

### Ground Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### Boom-less Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### Spray Drift Advisories

- THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
- BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.
- IMPORTANCE OF DROPLET SIZE  
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.  
Controlling Droplet Size - Ground Boom
  - Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
  - Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
  - Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.Controlling Droplet Size - Aircraft
  - Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.
- BOOM HEIGHT - Ground Boom  
Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.
- SHIELDED SPRAYERS  
Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.
- TEMPERATURE AND HUMIDITY  
When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.
- TEMPERATURE INVERSIONS  
Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.
- WIND  
Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.
- Boom-less Ground Applications:  
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.
- Handheld Technology Applications: Take precautions to minimize spray drift.

## COMPATIBILITY TESTING AND TANK MIX PARTNERS

### Compatibility

If BALANCE FLEXX Herbicide is to be tank mixed with liquid fertilizers or other pesticides, compatibility needs to 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.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

### Order of Mixing

BALANCE FLEXX Herbicide may be used with other specified pesticides, fertilizers, and micronutrients.

The proper mixing procedure for BALANCE FLEXX Herbicide, with water or liquid fertilizer as a carrier:

1. 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.
2. Add the proper amount of BALANCE FLEXX Herbicide, then add the rest of the water or liquid fertilizer to the desired level.
3. Maintain sufficient agitation to ensure a uniform spray mixture during application.
4. 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.
5. 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 (SCs), BALANCE FLEXX Herbicide will settle if left standing without agitation. If the spray solution is allowed to settle for one hour or more, reagitrate the spray solution for a minimum of 10 minutes before application.

### Equipment Cleanup Procedures

To avoid injury or exposure to non-target crops, thoroughly clean all mixing and spray equipment, including pumps, nozzles, lines and screens with a good quality tank cleaner, on an approved rise pad or on the field site where an approved crop is to be grown. 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. For cleanup, use an approved rinse pad or the field site where an approved crop is to be grown.

## ROTATIONAL CROPS

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 FLEXX Herbicide:

Crop	Geography	Rotational Interval (months)	Minimum Precipitation Requirement <sup>1</sup>
Corn (Field)	All	0	None
Wheat, Triticale, Cereal and rye	All	4	
Soybeans, Barley, Sweet corn, Popcorn, Potato, Grain Sorghum, and Sunflower	All	6	
Alfalfa,Cotton, Rice	All	10	15 inches of cumulative precipitation from application to planting of rotational crop. <sup>2</sup>
Sugar beets	East of the Mississippi River		
Peanut	All	11	
Tobacco	All	12	
Sugar beets	West of the Mississippi River	18	
All other crops <sup>3</sup>	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. <sup>3</sup> All other crops may be seeded only after the completion of a successful bioassay after a BALANCE FLEXX Herbicide application. Refer to the “Field/Small Scale Bioassay” section.			

**In the event of crop failure:** If the corn crop treated with BALANCE FLEXX Herbicide is lost, only field corn and corn grown for silage may be replanted immediately. **DO NOT** make an additional application of BALANCE FLEXX Herbicide.

## Cover Crops

Use of cover crops as a means of soil improvement, erosion control, weed and/or insect suppression, etc., following harvest of corn in the Fall is increasing. Planting of cover crops in fields treated with BALANCE FLEXX Herbicide is allowed as long as these cover crops are not grazed by livestock nor harvested for food. Cover crops are to be tilled under or chemically controlled with burndown herbicides in the spring. Many cover crops can be planted within 90-120 days after application of BALANCE FLEXX Herbicide. However, all potential cover crops have not been evaluated for sensitivity to BALANCE FLEXX Herbicide and significant injury may occur. Prior to seeding a cover crop, complete a successful field/ home bioassay to provide an indication of the level of sensitivity to the prior BALANCE FLEXX Herbicide application. Refer to the "Field/Small Scale Bioassay" section. If used in tank mixtures with other herbicides, always follow the most restrictive label.

## Field/Small Scale Bioassay

A field/ small scale bioassay must be completed before rotating to a cover crop other than those specified in the "Rotational Crop Restrictions" section of this label. To conduct an effective **field bioassay**, grow strips of the crop(s) you intend to grow the following season in a field previously treated with BALANCE FLEXX Herbicide. The test strip must be placed in a controlled area and include low areas and knolls, and include variations in soil including type and pH. Crop response to the bioassay will determine if the crop(s) grown in the test strips can be grown safely in the areas previously treated with BALANCE FLEXX Herbicide.

For an effective **small scale bioassay**, collect uniform samples of all soil types from the BALANCE FLEXX Herbicide- treated field (see example above for types of soil in the sample) and place the soil into a sturdy container. Plant the desired cover crop into the soil, apply water and place the container in a warm, sunny area to allow germination and growth of the crop. Monitor growth of the cover crop over a three to four week period. If the cover crop emerges and grows normally, the risk to establish and grow the cover crop in the BALANCE FLEXX Herbicide-treated field must be acceptable.

## WEEDS CONTROLLED

BALANCE FLEXX Herbicide applied as directed in this label will control or suppress the weeds listed below. Additional weeds may be controlled with tank mixtures or sequential applications (refer to the TANK MIX INSTRUCTIONS section of this label). Always refer to the tank mix partner labels for specific use rates and additional instructions.

BROADLEAF WEEDS CONTROLLED								
Broadleaf Weeds	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide		Broadleaf Weeds	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide
Amaranth, Palmer	C	C	C		Nightshade, black	C	C	C
Buffalobur	C	C	C		Nightshade, eastern black	C	C	C
Burcucumber	PC	PC	PC		Nightshade, hairy			C
Buttercup, small flower	C	C	C		Pennycress, field	C	C	C
Carpetweed			C		Pepperweed, virginia	C	C	C
Chamomile spp.	C	C	C		Pigweed, prostrate	C	C	C
Chickweed, common	C	C	C		Pigweed, redroot	C	C	C
Clover, purple <sup>1</sup>	PC	C	PC		Pigweed, smooth	C	C	C
Clover, white <sup>1</sup>	PC	C	PC		Plantain, broadleaf <sup>1</sup>	PC	C	PC
Cocklebur <sup>1</sup>		C			Purslane, common	C	C	C C
Copperleaf, hophornbeam	C	C	C		Radish, wild	C	C	
Dandelion (seedling)	C	C	C		Ragweed, common	C	C	C
Deadnettle, purple	C	C	C		Ragweed, giant <sup>1</sup>	PC	C	PC
Galinsoga	C	C	C		Russian Thistle	C	C	C
Henbit	PC	C	PC		Shepherds-purse	C	C	C
Jimsonweed	C	C	C		Smartweed, Pennsylvania	C	C	C
Kochia	C	C	C		Speedwell, corn	PC	C	PC
Lambsquarters, common	C	C	C		Spurge, toothed	C	C	C
Mallow, Venice	C	C	C		Sunflower, wild <sup>1</sup>		C	
Marestail	C	C	C		Velvetleaf	C	C	C
Medic, black	PC	C	PC		Violet, field <sup>1</sup>	PC	C	PC
Morningglory, annual <sup>1</sup>		C			Waterhemp, common	C	C	C
Wild mustard	C	C	C		Waterhemp, tall	C	C	C
C= Control      PC=Partial control <sup>2</sup>								
<sup>1</sup> These weeds may require a postemergence application of DiFlexx® Herbicide (dicamba, EPA# 264-1173) or other appropriate postemergence herbicides.								
<sup>2</sup> 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.								

# GRASS/SEDGES CONTROLLED

Grass Weeds	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide	Grass Weeds	BALANCE FLEXX Herbicide Alone	BALANCE FLEXX Herbicide plus Atrazine or Premixes containing Atrazine	BALANCE FLEXX Herbicide plus pre-emerge grass herbicide
Barnyardgrass	C	C	C	Foxtail, yellow <sup>1</sup>	C	C	C
Bluegrass, annual	PC	C	PC	Goosegrass	C	C	C
Crabgrass, large	C	C	C	Johnsongrass, seedling	C	C	C
Crabgrass, smooth	C	C	C	Panicum, fall	C	C	C
Cupgrass, woolly <sup>1</sup>	C	C	C	Panicum, Texas	C	C	C
Foxtail, bristly	C	C	C	Proso millet, wild <sup>1</sup>	C	C	C
Foxtail, giant	C	C	C	Sandbur, field <sup>1</sup>	PC	PC	PC
Foxtail, green	C	C	C	Shattercane <sup>1</sup>	PC	PC	PC
Foxtail, robust purple	C	C	C	Signalgrass, broadleaf <sup>1</sup>	C	C	C
Foxtail, robust white	C	C	C	Witchgrass			C

C= Control PC=Partial control<sup>2</sup>

<sup>1</sup> 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.

<sup>2</sup> 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.

# SPECIFIC USE DIRECTIONS

## CORN (Field Corn, Seed Corn and Corn Grown for Silage)

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. 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 including rotary hoe to lightly incorporate BALANCE FLEXX Herbicide. 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.

## APPLICATION RATES

Application Timing <sup>1</sup>	Maximum Fluid Ounces of BALANCE FLEXX Herbicide per Acre for Soil Type				
	Soil Texture				
	Coarse Soils: Sand, Loamy sand, Sandy loam		Medium Soils: Loam, Silt loam, Silt, Sandy clay loam		Fine Soils: Silty clay loam, Clay loam, Sandy clay, Silty clay, Clay
	1.5% O.M. <sup>2</sup> or less	> 1.5% O.M.	1.5% O.M. or less	>1.5 % O.M.	
Preplant (Surface Applied or Incorporated): Early 8 to 30 days prior to planting	4.0 (0.063 lbs ai/A)	5.0 (0.078 lbs ai/A)	6.0 (0.094 lbs ai/A)		
Preplant (Surface Applied or Incorporated): 0 to 7 days prior to planting Preemergence Early postemergence	3.0 (0.047 lbs ai/A)	4.0 (0.063 lbs ai/A)	5.0 (0.078 lbs ai/A)	6.0 (0.094 lbs ai/A)	
<sup>1</sup> BALANCE FLEXX Herbicide may be applied up to 30 days prior to planting when used in a planned sequential application program followed by post applied herbicides. <sup>2</sup> O.M. = Organic Matter by weight					

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

## RESTRICTIONS FOR USE

- DO NOT** apply more than 6.0 fluid ounces (0.094 lbs of a.i) of BALANCE FLEXX Herbicide per acre in a single application or exceed the maximum labeled rate for any given soil type.
- DO NOT** apply more than 6.0 fluid ounces (0.094 lbs of a.i) per acre of BALANCE FLEXX Herbicide per year or exceed the maximum labeled rate for any given soil type.
- DO NOT** apply more than two applications of BALANCE FLEXX Herbicide per acre per year at reduced rates.
- DO NOT** exceed from all sources 0.094 pounds per acre of isoxaflutole per year in corn.
- DO NOT** exceed from all sources 0.20 pounds per acre per of cyprosulfamide per year in corn.
- 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 must not be made within 7 days of an application of BALANCE FLEXX Herbicide or crop injury may result.
- Harvest of corn forage is permitted at 45 days or more after an early postemergence treatment of BALANCE FLEXX Herbicide.

## PRECAUTIONS FOR USE

- Planting depth:** Corn seed must be planted a minimum of 1 ½ inches deep and must be completely covered with soil and furrow firmed or reduced crop stand or injury may occur.
- 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.

- **Effect of adverse weather:** Following an application of BALANCE FLEXX Herbicide, extended periods of cool/cold, wet conditions (cool/cold daytime/nighttime temperatures, saturated soil conditions, recurring rainfall events, etc.) during corn seed germination and/or early crop development period may result in temporary crop injury. Injury symptoms may appear as leaf tissue bleaching (whitening) and/or crop stunting. Corn plants usually recover from this injury without affecting yield.
- **Corn hybrids and certain male pollinators:** Corn hybrids and certain male pollinators within blended corn varieties vary in their response to BALANCE FLEXX Herbicide. Not all hybrids or male pollinators within blended corn varieties have been tested for sensitivity to BALANCE FLEXX Herbicide. You need to consult with your seed provider, your local Bayer CropScience representative, and/or other knowledgeable agricultural professionals for advice on sensitivity of hybrids or varieties containing male pollinator lines before applying BALANCE FLEXX Herbicide. If the sensitivity of a hybrid or variety containing a male pollinator line is not known, you must apply BALANCE FLEXX Herbicide to a small area to first determine if the hybrid is sensitive prior to spraying large acreages of that hybrid.

## APPLICATION TIMING

### 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 including BALANCE FLEXX Herbicide followed by postemergence applied herbicides appropriate for control of the target weeds. Refer to the label of the respective sequential partner for specific use directions. Split applications of BALANCE FLEXX Herbicide can be made. It is specified that 60 percent of the listed broadcast rate (refer to APPLICATION RATE table) 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 including BALANCE FLEXX Herbicide followed by postemergence applied herbicides appropriate for control of the target weeds. 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/Preemergence Burndown

When weeds are present at the time of treatment and prior to corn emergence, a tank mixture of BALANCE FLEXX Herbicide with COC or MSO is advised 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., Diflexx® Herbicide (dicamba, EPA# 264-1173), paraquat, glyphosate, or 2,4-D) is advised. 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. Tank-mixtures with other herbicides or adjuvants are not advised for early postemergence applications of BALANCE FLEXX Herbicide as crop response symptoms including bleaching, leave edge necrosis, and stunting may result. **DO NOT** use COC, MSO, or a loaded glyphosate formulation with BALANCE FLEXX Herbicide applied to emerged field corn.

Early postemergence applications of BALANCE FLEXX Herbicide must 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 advised for use with BALANCE FLEXX Herbicide after crop emergence unless typical fertilizer burn symptoms on the crop are acceptable.

**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 must not be made within 7 days of an application of BALANCE FLEXX Herbicide or crop injury may result.



## TANK MIX INSTRUCTIONS

It is the pesticides user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all products labels involved in tank mixing. users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

BALANCE FLEXX Herbicide may be used in tank mixture with other herbicides for improved control of certain broadleaf and grass weeds in corn. Preplant/preemergence/early postemergence tank mixtures with BALANCE FLEXX Herbicide include but are not limited to those listed. Refer to and follow all parts of the label of each tank-mix partner.

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.

### Possible Preplant/Preemergence Tank Mix Partners for Additional Weed Control – Not Containing A Triazine Herbicide

Diflexx® Herbicide (EPA# 264-1173, dicamba)	Roundup PowerMAX 3 (EPA# 524-659, glyphosate)	glyphosate	s-metachlor
Harness® (EPA#524-473, acetochlor)	Warrant Herbicide (EPA# 524-591, acetochlor)	glufosinate	pyroxasulfone
Roundup PowerMAX (EPA# 524-549, glyphosate)	acetochlor	fluthiacet-methyl	2, 4-D
Roundup PowerMAX II (EPA# 524-537, glyphosate)	dicamba	pendimethalin	
Roundup WeatherMAX (EPA# 524-537, glyphosate)	dimethenamid-P	saflufenacil	

### Possible Preplant/Preemergence Tank Mix Partners for Additional Weed Control – Containing A Triazine Herbicide

Degree Xtra Herbicide (EPA# 524-511, acetochlor, atrazine)	Harness® Xtra 5.6L (EPA# 524-485, acetochlor, atrazine)	Harness® Xtra (EPA# 524-480, acetochlor, atrazine)	acetochlor
atrazine	simazine		

### Possible Early Postemergence<sup>1</sup> Tank Mix Partners For Additional Weed Control

DiFlexx® Herbicide (EPA#264-1173, dicamba)	atrazine	dicamba	
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<sup>1</sup>See instructions in APPLICATION TIMING section of this label for early postemergence tank mixtures, adjuvants and carrier solutions for directions on the use of tank mixtures with BALANCE FLEXX Herbicide after crop emergence.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

### **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°F (40°C) or in temperatures that fall below 14°F (-10°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 [HDPE plastic] 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 [HDPE plastic] 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 [HDPE plastic] 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.

Balance Flexx® Herbicide, Capreno® Herbicide, Degree® Xtra, Diflexx® Herbicide, DiFlexx Duo, Harness, Harness Xtra', Harness Xtra 5.6L, Harness Max Herbicide, Laudis® Herbicide, Roundup WeatherMAX, Roundup PowerMAX 3, Roundup PowerMAX II, Roundup PowerMAX, and Warrant Herbicide are registered trademarks of Bayer CropScience.

**BALANCE FLEXX HERBICIDE (PENDING) 03/01/2024**

**RESTRICTED USE PESTICIDE**

May injure (phytotoxic) susceptible non-target plants.

For retail sale to and use only by Wisconsin-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 LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
1-866-99BAYER (1-866-992-2937)

**BALANCE® FLEXX Herbicide**

**EPA Reg. No. 264-1067**

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

**WISCONSIN SPECIFIC RESTRICTIONS**

In the state of WI use is only allowed in accordance with the Wisconsin Product Bulletin.

This Product Bulletin expires on 10/16/2025 and must not be used or distributed after this date.

***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. Read the label affixed to the container for BALANCE FLEXX Herbicide before applying. Use of BALANCE FLEXX Herbicide according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for BALANCE FLEXX Herbicide.

**FOR DISTRIBUTION AND USE ONLY IN THE STATE OF WISCONSIN**

In Wisconsin, this product must only be used in accordance with the Wisconsin Product Bulletin. The Wisconsin Product Bulletin which accompanies the sale and packaging of the product, must be in possession of the user at the time of pesticide application.

**USE RESTRICTIONS**

- Isoxaflutole herbicide products can only be used in the following twelve counties: Columbia, Dane, Dodge, Fond du Lac, Grant, Green, Jefferson, Lafayette, Rock, Sauk, Walworth and Waukesha.
- No use of isoxaflutole herbicide products on sites classified as a coarse-textured soil (sand, loamy sand and sandy loam texture classes) if the depth to groundwater at the field is less than 25 ft. or if the depth to groundwater is unknown.
- Isoxaflutole herbicide products can only be applied between April 1 and July 31 of any year.
- Isoxaflutole products may not be applied by ground within 66 feet of the points where field surface water runoff enters perennial streams and rivers or within 200 feet of natural or impounded lakes and reservoirs. If these products are 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.

**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)**

*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).*

MASTER XX/XX/XXXX

**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 LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
1-866-99BAYER (1-866-992-2937)

**BALANCE® 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.

This Product Bulletin expires on 11/17/2025 and must not be used or distributed after this date.

***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 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.

**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® Flexx is prohibited on irrigated fields unless an irrigation management plan is followed. For guidance on managing irrigation water, refer to the Conservation Practices Name Code (442, 443, 449) at USDA, Natural Resources Conservation Services webpage.

- 1) Irrigation System, Sprinkler (Code 442). Natural Resources Conservation Services, USDA.  
[https://www.nrcs.usda.gov/sites/default/files/2022-10/Sprinkler\\_System\\_442\\_NHCP\\_CPS\\_2021.pdf](https://www.nrcs.usda.gov/sites/default/files/2022-10/Sprinkler_System_442_NHCP_CPS_2021.pdf)
- 2) Irrigation System, Surface and Subsurface (Code 443). Natural Resources Conservation Services, USDA  
[https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation\\_System\\_Surface\\_And\\_Subsurface\\_443\\_NHCP\\_CPS.pdf](https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_System_Surface_And_Subsurface_443_NHCP_CPS.pdf)
- 3) Irrigation Water Management (Code 449). Natural Resources Conservation Services, USDA.  
[https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation\\_Water\\_Management\\_449\\_CPS\\_9\\_2020.pdf](https://www.nrcs.usda.gov/sites/default/files/2022-09/Irrigation_Water_Management_449_CPS_9_2020.pdf)

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, **and** (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

**Restricted Soils Table**

Abscota	Dorset	Hoopeston	Osakis	Soderville
Algansee	Duelm	Hubbard	Oylen	Sparta
Anoka	Eden Prairie	Kalmarville	Plainfield	Stonelake
Arvilla	Egeland	Lamont	Poppleton	Sverdrup
Brodale	Elkriver	Lasa	Radium	Syrene
Burnsville	Emmert	Lida	Rasset	Talmo
Cantlin	Estherville	Lino	Ridgeport	Thurman
Chelsea	Finchford	Litchfield	Rosewood	Torning
Chetek	Garborg	Lohnes	Rosholt	Two Inlets
Clontarf	Glendorado	Maddock	Rushlake	Ulen
Copaston	Gotham	Mahtomedi	Salida	Verndale
Corliss	Hamar	Malardi	Sandberg	Winterfield
Crowfork	Hangaard	Minneiska	Sartell	Zimmerman
Dickinson	Hawick	Minneopa	Serden	Zumbro
Dickman	Hecla	Nymore	Sioux	

**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)**

*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).*

MASTER XX/XX/XXXX