

7969-88

2/11/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

FEB 11 2014

Amy Dugger-Ronyak
BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709-3528

Subject: Label Amendment (change primary brand name, remove Segment herbicide sublabel, reformat sublabels, add use on wildlife food plots)
Poast Plus Herbicide
EPA Reg. No. 7969-88
Application Dated November 18, 2013

Dear Ms. Dugger-Ronyak:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

The primary brand name for this product has been changed from "Segment Herbicide" to "Poast Plus Herbicide".

A stamped copy of the label is enclosed for your records. This label supersedes all previously accepted labels, including supplemental labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products released for shipment after eighteen (18) months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at ondish.mindy@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", enclosed in a large, loopy oval.

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

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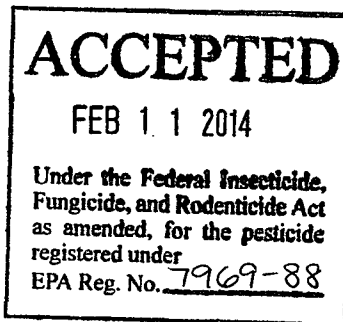
The Chemical Company

Poast Plus® herbicide (EPA Reg. No. 7969-88)

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[alternate brand name: Rezult® G herbicide]



007969-00088.20131030d.NVA 2013-04-026-0010

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

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The Chemical Company

Group 1 Herbicide

Poast Plus[®] herbicide

For broad-spectrum, postemergence selective control of annual and perennial grass weeds in select crops and other use sites

Active Ingredient:

sethoxydim: 2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one* 13.0%

Other Ingredients: 87.0%

Total: 100.0%

* Equivalent to 1 pound of sethoxydim per gallon formulated as an emulsifiable concentrate
Contains petroleum distillate

EPA Reg. No. 7969-88

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCIÓN**

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.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

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FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • DO NOT induce vomiting unless told to by a poison control center or doctor. • DO NOT give any liquid to the person. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.	
NOTE TO PHYSICIAN	
May pose an aspiration pneumonia hazard. Contains petroleum distillate.	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye injury. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils
- Shoes plus socks

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

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

Environmental Hazards

For terrestrial uses, **DO NOT** apply directly to water, or 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 washwater or rinsate. This product is toxic to aquatic organisms.

Endangered Species Concerns

NOTE: The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal law.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of herbicide application.

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.

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For requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Observe all precautions and limitations in this label and the labels of products used in combination with **Poast Plus® herbicide**. Use of **Poast Plus** not consistent with this label can result in injury to crops, animals, or persons.

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 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
- Chemical-resistant gloves, such as or made of any waterproof material
- Shoes plus socks

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow others to enter treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

Pesticide Storage

DO NOT allow this product to freeze. **DO NOT** store below 32° F or above 100° F. Store in original container only, in a dry place away from heat or open flame, and separate from feed or foodstuffs.

Pesticide Disposal

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

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake

(capacity ≤ 5 gallons) 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.

Triple rinse containers too large to shake

(capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or 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.

(continued)

STORAGE AND DISPOSAL *(continued)*

Container Handling *(continued)*

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. 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.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

In Case of Emergency

In case of a spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

Steps to take if this material is released into the environment or spilled:

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert, absorbent material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Poast Plus® herbicide** (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

Restrictions and Limitations

- **Maximum seasonal application rate** - Refer to the **Use-specific Information** section of the label.
- **Preharvest interval (PHI)** - Refer to the **Use-specific Information** section of the label.
- **DO NOT** apply preplant or preemergence before planting grass crops except field corn. Refer to **Use-specific Information**.
- **DO NOT** plant harvestable crops for 30 days after application unless sethoxydim is labeled for use on that crop.
- Avoid all direct or indirect contact with any desired grass crop (e.g., corn, rice, small grains, sorghum, and ornamental grasses and turfgrass).
- **Poast Plus** does not control sedges or broadleaf weeds.
- **Stress - DO NOT** apply to grass weeds or crops under stress because of lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures. Unsatisfactory control may result. In irrigated areas, it may be necessary to irrigate before application to ensure active grass weed growth.
- **DO NOT** apply to crops that show injury (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications because this injury may be enhanced or prolonged with new or additional herbicide application.
- A minimum of 14 days is required between sequential applications of **Poast Plus**.
- **DO NOT** use selective application equipment such as recirculating sprayers, wiper applicators, or shielded applicators.
- **DO NOT** apply through any type of irrigation equipment.
- **Rainfast period - Poast Plus** is rainfast 1 hour after application.

Product Information

Poast Plus® herbicide is a broad-spectrum, postemergence herbicide for selective control of annual and perennial grass weeds listed in **Table 1**. Refer to **Table 2** for crops and other use sites to which **Poast Plus** can be applied.

Table 1. Grass Weeds Controlled

Annual Grass Weeds	
Barley, interseeded cover crops ¹ and volunteer	Oats, interseeded cover crops ^{1,2} and volunteer
Barnyardgrass	Oats, tame
Corn, volunteer	Oats, wild
Crabgrass, large	Orchardgrass (seedling)
Crabgrass, smooth	Panicum, browntop
Cupgrass, southwestern	Panicum, fall
Cupgrass, woolly	Panicum, Texas
Fescue, tall (seedling)	Red rice
Foxtail, giant	Rye, interseeded cover crops ¹ and volunteer
Foxtail, green	Ryegrass, annual
Foxtail, yellow	Sandbur, field
Goosegrass	Shattercane/Wildcane
Itchgrass	Signalgrass, broadleaf
Johnsongrass (seedling)	Sprangletop, red
Junglerice	Stinkgrass
Lovegrass	Wheat, interseeded cover crops ¹ and volunteer
Millet, wild proso	Witchgrass
Perennial Grass Weeds	
Bermudagrass	Muhly, wirestem
Guineagrass	Quackgrass
Johnsongrass (no-till)	Ryegrass, perennial
Johnsongrass (rhizome)	Torpedograss
¹ As interseeded cover crops grown with non-grass or broadleaf crops listed in the Use-specific Information section of this label. Apply to cereals before tillering and at a height of 3 to 4 inches. DO NOT allow cereals to exceed this height.	
² As interseeded oats in alfalfa, birdsfoot trefoil, clover, and sainfoin. To be most effective, make application before the interseeded oats reach the boot stage.	

Table 2. Crops and Other Use Sites

Alfalfa, Birdsfoot trefoil, Sainfoin (dry and undried)	Head-type and Petiole-type Vegetables
Apricot (bearing)	Horseradish
Artichoke, globe	Leafy Vegetables
Asparagus	Lentil
Avocado (nonbearing)	Lingonberry, Salal, Juneberry
Beans, dry and succulent	Mint
Beet, garden/table	Nectarine (bearing)
Beet, sugar	Nonagricultural Land
Blueberry	Olive (nonbearing)
Brassica Vegetables	Orchard Floor Middles (growth management)
Bulb Vegetables	Peach (bearing)
Caneberries	Peanut
Canola, Crambe, Rapeseed	Peas, dry and succulent
Carrot	Pistachio
Cherry, sweet and tart (bearing and nonbearing)	Plum (nonbearing)
Citrus	Pome Fruits
Clover	Pomegranate (nonbearing)
Conservation Reserve Land (CRP)	Potato, field
Corn, field including Poast® Protected hybrids	Potato, sweet
Corn, sweet (Poast Protected hybrids ONLY)	Prune (nonbearing)
Cotton	Safflower
Cranberry	Soybean
Crops Grown for Seed	Strawberry
Cucurbit Vegetables	Sunflower
Date (nonbearing)	Tall Fescue Growth Suppression (in Nonagricultural Land)
Fig (nonbearing)	Tobacco
Fine Fescue Grown for Turfgrass Seed	Tomato
Flax	Tree Nuts
Fruiting Vegetables (excluding tomato)	Tuberous and Corm Vegetables
Grape	Wildlife Food Plots

Mode of Action

Poast Plus affects lipid synthesis by inhibition of Acetyl CoA Carboxylase (ACCase) in plants. It belongs to herbicide mode-of-action **Group 1**. Lipids are an important

component in cell division and plant growth. If plant cells cannot divide, the plant will die.

Poast Plus® herbicide rapidly enters the target grass weed through its foliage and moves throughout the plant. Effects range from slowing or stopping growth (typically within 2 days) to foliage reddening and leaf tip burn. Foliage burnback may occur later. Symptoms are typically observed within 3 weeks of application of **Poast Plus**, depending on environmental conditions.

Crop Tolerance

All crops listed on this label are tolerant to **Poast Plus** at all stages of growth.

Herbicide Resistance

Repeated use of **Poast Plus** or other **Group 1** herbicides may lead to the selection of naturally occurring grass weed biotypes with resistance to **Group 1** herbicides. If poor herbicide performance cannot be attributed to adverse weather conditions or improper application methods, a resistant biotype may be present. Consult your local BASF Corporation representative or Cooperative Extension agent for assistance.

Cultivation

DO NOT cultivate within 5 days before or 7 days after applying **Poast Plus**. Cultivating 7 days or more after application may help provide season-long control.

Spray Drift Management

- Avoiding spray drift at the application site is the responsibility of the applicator.
- **DO NOT** spray when conditions favor drift beyond the area intended for application.
- Apply only when the wind speed is 10 mph or less.
NOTE: For all nonaerial applications, wind speed must be measured at the application site on the upwind side immediately before application.
- Conditions that may contribute to drift include spray droplet size, spray nozzle/pressure combinations, wind speed and direction, temperature and humidity, temperature inversions, etc.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- Contact your Cooperative Extension agent for spray drift prevention guidelines specific to your area.

Spray Drift Reduction Advisory Information

Information on Droplet Size

The best drift management strategy is to apply the largest droplet size that provides sufficient coverage and control and is consistent with acceptable efficacy. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (see **Wind**; **Temperature and Humidity**; and **Temperature Inversions** sections of this label).

Controlling Droplet Size

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Use a minimum of 5 gallons of water per acre. If grass weed foliage or crop canopy is dense, increase water volume to a least 10 gallons of water per acre.
- **Pressure** - Use the lower spray pressures recommended for the nozzle and **DO NOT** exceed the nozzle manufacturer's recommended pressures. Higher pressure reduces droplet size but does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so spray is released backward parallel to the airstream produces larger droplets than other orientations. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** - Use a nozzle type designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid-stream or straight-stream nozzles oriented straight back produce the largest droplets and lowest drift. Apply only as a medium or coarse spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.
- **Boom Length** - For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.
- **Application Height** - Applications should not be made at a height greater than 10 feet above the top of the largest plants, unless a greater height is required for aircraft safety. Making applications at the lowest height possible reduces exposure of droplets to evaporation and wind.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (e.g., higher wind, smaller droplets).

Wind

Drift potential is lowest between wind speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application must be avoided if wind speed is below 2 mph because of variable wind direction and high inversion potential.

NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

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Temperature and Humidity

Low humidity and high temperatures increase the evaporation of spray droplets, increasing the likelihood of spray drift. If applications are made in low humidity, set up the application equipment to produce larger droplets to compensate for evaporation; however, droplets should remain in the medium droplet size category. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications must not occur during a temperature inversion because drift potential is high. If inversion conditions are suspected, consult with local weather services before making an application. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions because of the light, variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light-to-no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

Sensitive Areas

The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, or nontarget crops) is minimal and when wind is blowing away from sensitive areas.

Tank Mixing Information

Poast Plus® herbicide is a broad-spectrum, postemergence herbicide for selective control of annual and perennial grass weeds. For broadleaf weed control, **Poast Plus** should be used in combination with, or in sequence with, effective broadleaf herbicides approved for use. Read and follow the applicable restrictions and limitations and directions for use on all product labels in a tank mix. Always follow the most restrictive label use directions. Refer to the **Use-specific Information** section of this label for tank mixing restrictions.

Physical incompatibility, reduced grass weed control, or crop injury may result from mixing **Poast Plus** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers not recommended on this label.

Before mixing components, always perform a compatibility test in a quart-size jar. Add components in the same order as listed in the **Mixing Order** section of this label.

Compatibility Test for Tank Mix Components

1. For a 20 gallons per acre spray volume, start with 3.3 cups (800 mL) of water from the intended source at the source temperature. For other spray volumes, adjust rates accordingly. For each dry product, add 2 teaspoons per pound of product per acre. For each liquid product, add 1 teaspoon per pint of product per acre.
2. Always cap the jar and invert 10 times between component additions.
3. When the components have all been added to the jar, let the solution stand for 15 minutes.
4. **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface; fine particles that precipitate to the bottom; or a thick (clabbered) texture. **DO NOT** use any spray solution that could clog spray nozzles.

Additives

To achieve consistent postemergence grass weed control with **Poast Plus**, always use a crop oil concentrate (COC) or methylated/modified seed oil (MSO) as directed in **Table 3**. In addition, ammonium sulfate (AMS) or urea ammonium nitrate (UAN) will enhance activity on certain grass weed species in certain crops (refer to the **Use-specific Information** section).

NOTE: Using **Poast Plus** with adjuvants at temperature above 90° F (or anytime the temperature exceeds 100° F regardless of the humidity) and relative humidity at or above 60% may result in injury to many vegetable crops.

Consult your BASF Corporation representative or Cooperative Extension agent for more information on the use of additives.

Table 3. Additive Rate per Acre - Aerial and Ground Applications

Additive	Rate/Acre
AMS	2.5 pounds
COC	2.0 pints
MSO	1.5 pints
UAN	4.0 to 8.0 pints

Crop Oil Concentrate or Methylated Seed Oil

COC or MSO must contain either a petroleum-oil or vegetable-oil base and meet all of the following criteria. (**NOTE:** Highly refined vegetable oils mix better than unrefined vegetable oils.)

- Contain emulsifiers
- Contain only EPA-exempt ingredients
- Be nonphytotoxic
- Provide good mixing quality in the compatibility jar test
- Show success in local use/experience

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Nitrogen Source

Add nitrogen to COC or MSO to improve grass weed control for species as listed in **Table 4**, **Table 5**, and **Table 6**.

Urea Ammonium Nitrate

(28%, 30%, or 32% nitrogen solution)

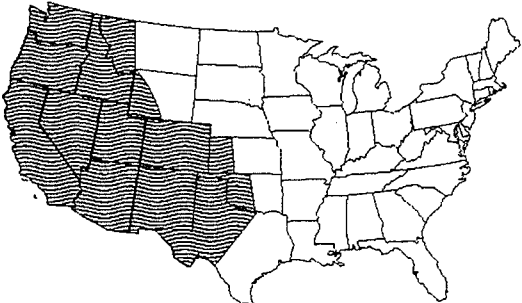
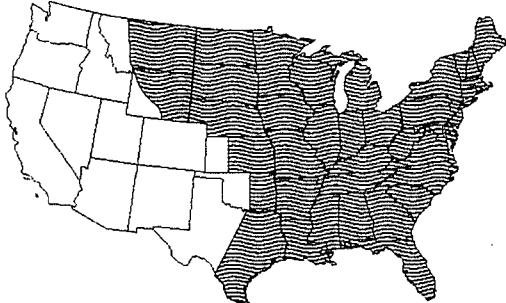
- UAN may be used in addition to COC to improve grass weed control.
- **DO NOT** use brass or aluminum nozzles when spraying UAN.

Ammonium Sulfate

- AMS may be substituted for UAN.
- When liquid AMS is used, substitute 3.0 quarts of 8-8-0 analysis for 2.5 pounds of dry AMS.
- Use high-quality AMS (i.e., spray grade) to avoid plugging spray nozzles. Other sources of nitrogen are not as effective.
- If AMS is added directly to the spray tank, add it slowly while agitating. Adding AMS too quickly may clog outlet lines. Ensure AMS is completely dissolved before adding any other products.
- AMS, if applied at less than 10 gallons per acre, may cause potential precipitation and clogging.

NOTE: Because most nitrogen solutions are mildly corrosive to galvanized, mild steel, and brass spray equipment, rinse the entire spray system with water soon after use.

Regional Descriptions

Region 1 (West and High and Rolling Plains)	Region 2 (Midwest, South, and Northeast)
<p>An area of the western United States, including:</p> <ul style="list-style-type: none"> • Western Texas, western Oklahoma, and western Kansas; west of a line running north from Del Rio, Texas, to Gainesville, Texas, and extending along Interstate 35 to the Oklahoma-Kansas border • West along the Oklahoma-Kansas border to Highway 83 • North to the Kansas-Nebraska border • West to Colorado, and including all of Colorado to the Continental Divide • West of the Continental Divide north to the U.S.-Canadian border. 	<p>All other regions not listed in Region 1.</p>
 <p>Region 1</p>	 <p>Region 2</p>

Application Instructions

Apply **Poast Plus® herbicide** to actively growing grass weeds by aerial or ground application at the rates and timing (maximum height) listed in **Table 4** (annual grass weeds), **Table 5** (perennial grass weeds), and **Table 6** (early and rescue treatments to control select annual grass weeds), as instructed in the **Use-specific Information** section of this label. For small area application or spot application, refer to **Table 7**.

NOTE: The most effective control will be achieved by applying postemergence applications of **Poast Plus** early in the growing season, when grass weeds are small. **Poast Plus** may not be effective on grass weeds that have grown taller than the maximum heights listed.

Apply **Poast Plus** to the foliage of grass weeds uniformly and completely; large leaf canopies shelter smaller grass weeds and can prevent adequate spray coverage. **DO NOT** spray to the point of runoff.

Irrigation

In irrigated areas, it may be necessary to irrigate before application of **Poast Plus** to ensure active grass weed growth.

Cleaning Application Equipment

Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions, followed by triple rinsing the equipment before and after applying **Poast Plus**.

Mixing Order

Maintain agitation throughout mixing and application.

1. **Water** - Fill tank 3/4 full of clean water and start agitation.
2. **Inductor** - If an inductor is used, rinse it thoroughly after each component has been added.
3. **Products in PVA bags** - Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
4. **Water-soluble additives** (including dry and liquid fertilizers such as AMS or UAN)
5. **Water-dispersible products** (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
6. **Water-soluble products**
7. **Emulsifiable concentrates** (such as **Poast Plus** or COC)
8. **Remaining quantity of water**

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Aerial Application Methods and Equipment

The interaction of many equipment-related and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making application decisions.

DO NOT apply under circumstances where possible drift to unprotected persons; to food, forage, or other plantings that might be damaged; or to crops that would then be unfit for sale, use, or consumption can occur.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

1. The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the fixed wingspan or rotor blade diameter.
2. Nozzles must always point backward parallel with the airstream and never point downward more than 45 degrees.

Where a state has more stringent regulations, they must be observed. The applicator should be familiar with and take into account the information covered in the **Spray Drift Reduction Advisory Information** section of this label.

Ground Application Methods and Equipment (Broadcast)

- Apply with nozzle height no more than 4 feet above ground or crop canopy.
- **DO NOT** apply when conditions favor drift from target area or when wind speed is greater than 10 mph.
- **DO NOT** use selective application equipment such as recirculating sprayers or wiper applicators.

Water Volume. Use 5 to 20 gallons of spray solution per acre. In **Region 1** (the West and High and Rolling Plains Region; refer to **Regional Descriptions**), **DO NOT** use less than 10 gallons of spray solution per acre.

Spray Pressure. Use 40 to 60 PSI (measured at the boom, not at the pump or in the line). When crop foliage and grass weed foliage are dense, use a maximum of 20 gallons of water per acre and 60 PSI.

Application Equipment. Use standard high-pressure pesticide flat fan or hollow cone nozzles spaced up to 20 inches apart. **DO NOT** use flood, whirl chamber, or controlled droplet applicator nozzles because erratic coverage can cause inconsistent grass weed control. To control tall grass weeds, such as volunteer corn, the boom should be high enough to cover the entire plant. Refer to the nozzle manufacturer's directions for recommended height.

When a crop, such as cotton, is 24 inches or taller and the grass weeds are below the crop canopy, use drop nozzles to ensure good coverage of grass weeds.

Ground Application Methods and Equipment (Banding)

- **Poast Plus® herbicide** may be applied by banding to control annual grass weeds.
- **DO NOT** make banding applications to control perennial grass weeds.
- For banding applications, follow the directions in the **Ground Application Methods and Equipment (Broadcast)** section of this label.

When applying **Poast Plus** by banding, use the following formulas to calculate the amount of herbicide and water volume needed:

$$\frac{\text{Bandwidth in inches}}{\text{Row width in inches}} \times \text{Broadcast rate per acre} = \text{Banding herbicide rate per acre}$$

$$\frac{\text{Bandwidth in inches}}{\text{Row width in inches}} \times \text{Broadcast volume per acre} = \text{Banding water volume rate per acre}$$

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Application Rate

Grass weed application rate and timing (maximum height) are based on growing regions as described in the **Regional Descriptions** section of this label. **Follow the directions for your region only.**

Annual Grass Weeds

Annual Grass Weeds	Region 1 (West and High and Rolling Plains)		Region 2 (Midwest, South, and Northeast)	
	Maximum Height (inches)	Product Rate (pints/A)	Maximum Height (inches)	Product Rate (pints/A)
Barley, interseeded cover crops and volunteer ^{1,2,4}	4	3.0	4	2.25
Barnyardgrass	8	2.25	8	1.5
Corn, volunteer ^{1,2,4}	12	2.25	20	1.5
Crabgrass, large ¹	4	2.25	6	1.5
Crabgrass, smooth ¹	4	2.25	6	1.5
Cupgrass, southwestern	8	2.25	N/A	N/A
Cupgrass, woolly	N/A	N/A	8	1.5
Fescue, tall (seedling)	N/A	N/A	6	2.25
Foxtail, giant	8	2.25	8	1.5
Foxtail, green ¹	8	2.25	8	1.5
Foxtail, yellow	8	2.25	8	1.5
Goosegrass	4	2.25	6	1.5
Itchgrass	N/A	N/A	4	3.0
Johnsongrass (seedling)	8	2.25	8	1.5
Junglerice	8	2.25	8	1.5
Lovegrass	N/A	N/A	6	2.25
Millet, wild proso	10	1.5	10	0.75
Oats, interseeded cover crops and volunteer ^{1,2,4}	4	3.0	4	2.25
Oats, tame	N/A	N/A	6	2.25
Oats, wild ¹	4	2.25	4	1.5
Orchardgrass (seedling)	N/A	N/A	6	2.25
Panicum, browntop	8	2.25	8	1.5
Panicum, fall	8	2.25	8	1.5
Panicum, Texas	8	2.25	8	1.5
Red rice ¹	N/A	N/A	4	3.0
Rye, interseeded cover crops and volunteer ^{1,2,4}	4	3.0	4	2.25
Ryegrass, annual	8	2.25	8	1.5
Sandbur, field	N/A	N/A	3	1.875
Shattercane/Wildcane ¹	18	2.25	18	1.5
Signalgrass, broadleaf	8	2.25	8	1.5
Sprangletop, red ³	8	2.25	8	1.5
Stinkgrass	N/A	N/A	6	2.25
Wheat, interseeded cover crops and volunteer ^{1,2,4}	4	3.0	4	2.25
Witchgrass ¹	8	2.25	8	1.5

(continued)

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Table 4. Application Rate and Timing (Maximum Height) - Annual Grass Weeds *(continued)*

¹Add nitrogen to COC or MSO to improve control.
²Apply **Poast Plus® herbicide** before tillering.
³**DO NOT** apply **Poast Plus** on red sprangletop in Arizona, California, or western New Mexico.
⁴In **Region 1**, volunteer cereals emerging from late spring through early summer (May through July) may be partially or incompletely controlled because of unfavorable conditions at application time.
 N/A = Not Applicable

Perennial Grass Weeds

Table 5. Application Rate and Timing (Maximum Height) - Perennial Grass Weeds*

Perennial Grass Weeds	Region 1 (West and High and Rolling Plains)		Region 2 (Midwest, South, and Northeast)	
	Maximum Height (inches)	Product Rate (pints/A)	Maximum Height (inches)	Product Rate (pints/A)
First Application				
Bermudagrass	6 (stolon)	3.0 to 3.75*	6 (stolon)	2.25
Guineagrass	N/A	N/A	8	3.75
Johnsongrass (no-till)	N/A	N/A	20	2.25
Johnsongrass (rhizome)	10	2.25 to 3.75*	25	2.25
Muhly, wirestem	N/A	N/A	6	1.875
Quackgrass ¹	8	3.75	8	2.25
Ryegrass, perennial	8	2.25	8	2.25
Torpedograss	N/A	N/A	8	3.75
Sequential Application¹	Maximum Height (inches)	Product Rate (pints/A)	Maximum Height (inches)	Product Rate (pints/A)
Bermudagrass	4 (stolon)	2.25**	4 (stolon)	1.5
Guineagrass	N/A	N/A	8	3.75
Johnsongrass (no-till)	N/A	N/A	12	1.5
Johnsongrass (rhizome)	8	1.5 to 2.25**	12	1.5
Muhly, wirestem	N/A	N/A	6	1.875
Quackgrass ¹	8	2.25	8	1.5
Ryegrass, perennial	8	2.25	8	2.25
Torpedograss	N/A	N/A	8	3.75

¹Add nitrogen to COC or MSO to improve control. Cultivate 7 to 14 days after first or sequential application.
 * Allow a minimum of 14 days between sequential applications.
 ** Use 3.75 pints per acre for the following forage crops: alfalfa, birdsfoot trefoil, clover, and sainfoin.
 N/A = Not Applicable

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Early Treatment and Rescue Treatment to Control Select Annual Grass Weeds in Region 2 (Midwest, South, and Northeast)

- If **Poast Plus® herbicide** cannot be applied at the specified height, taller annual grass weeds may be controlled with a later application by increasing the rate of **Poast Plus** as directed in **Table 6**.
- **DO NOT** exceed the maximum application rate per acre per season as listed in **Use-specific Information** section of the label.

Table 6. Early Treatment and Rescue Treatment to Control Select Annual Grass Weeds in Region 2

Annual Grass Weeds	Early Treatment		Rescue Treatment	
	Maximum Height (inches)	Product Rate (pints/A)	Maximum Height (inches)	Product Rate (pints/A)
Barnyardgrass	4	1.125*	12	2.25
Crabgrass, large ¹	N/A	N/A	8	2.25
Crabgrass, smooth ¹	N/A	N/A	8	2.25
Foxtail, giant ²	4	1.125	16	2.25
Foxtail, green ²	4	1.125	16	2.25
Foxtail, yellow ²	N/A	N/A	16	2.25
Goosegrass	3	1.125	8	2.25
Johnsongrass (seedling)	N/A	N/A	16	2.25
Millet, wild proso	10	0.75	24	1.5
Panicum, fall	4	1.125	12	2.25
Panicum, Texas	4	1.125	12	1.5
Signalgrass, broadleaf	4	1.125	12	2.25
Volunteer, corn ¹	12	1.125	N/A	N/A

¹ Add nitrogen to COC or MSO to improve control.

² For flax, use 0.75 pint per acre when foxtail is less than 1.5 inches high. When using the early treatment rate, foxtail species should not have started to tiller.

* **Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, and Virginia** - Use 1.5 pints per acre.

N/A = Not Applicable

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Small Area Application or Spot Application

- **DO NOT** make small area application or spot application in addition to broadcast or banding applications on the same area.
- When using knapsack sprayers or high-volume spray equipment with handguns or other suitable nozzle arrangements, prepare a 1.5% to 2.25% spray solution of **Poast Plus® herbicide** in water unless otherwise directed in the **Use-specific Information** section of this label.
- Use a concentration of 1% crop oil concentrate (COC) or methylated seed oil (MSO). Prepare the desired volume of spray solution by mixing the amount of **Poast Plus** and the amount of COC or MSO in water according to **Table 7**.

Spray Solution Volume (gallons)	COC/MSO (1%)	AND	Poast Plus Spray Solution	
			1.5%*	2.25%**
1	1.3 fl ozs	AND	1.9 fl ozs	2.9 fl ozs
3	3.8 fl ozs		5.8 fl ozs	8.75 fl ozs
5	6.4 fl ozs		9.6 fl ozs	14.5 fl ozs
25	2.0 pints		3.0 pints	4.5 pints
50	4.0 pints		6.0 pints	9.0 pints
100	8.0 pints		12.0 pints	18.0 pints
				OR

2 tablespoons = 1 fluid ounce
 * Annual grass weeds up to 6-inches tall
 ** Annual grass weeds up to 12-inches tall. Perennial grass weeds: Application may be repeated as needed but not to exceed the specified annual application rate.

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Use-specific Information

Alfalfa, Birdsfoot Trefoil, Sainfoin (dry and undried)

- **PHI**
 - Hay (dry): 14 days before cutting
 - Forage (undried): 7 days before grazing, feeding, or cutting
- **Maximum Single Application Rate**
 - Hay (dry) and Forage (undried): 3.75 pints/acre
- **Maximum Seasonal Application Rate**
 - Hay (dry) and Forage (undried): 9.75 pints/acre
- There are no livestock grazing or feeding restrictions in alfalfa, birdsfoot trefoil, or sainfoin.
- Aerial and ground application allowed.

Poast Plus® herbicide may be applied to seedling or established alfalfa grown for hay, silage, green chop, direct grazing, or seed. Apply **Poast Plus** before mowing for the best control of annual grass weeds. Mowed grass weeds may form large crowns and could require repeat applications for control.

NOTE: In alfalfa, the addition of ammonium sulfate (AMS) or urea ammonium nitrate (UAN) will enhance activity on certain grass weed species.

Irrigated Alfalfa, Birdsfoot Trefoil, and Sainfoin

- The timing of irrigation is important to achieve optimum grass weed control.
- **Poast Plus** application 2 to 4 days after irrigation is most effective because:
 - Grass weeds have resumed active growth.
 - Grass weeds have less chance to grow too large.
 - Later applications allow plants to begin to canopy, which interferes with spray coverage.
- Irrigation shortly after application (e.g., 2 days) can be effective, but more consistent control is obtained when irrigation is made before application.

Annual Grass Weed Control

- Apply **Poast Plus** at the rate and timing (maximum height) indicated in **Table 4** and **Table 6**.
- If grass weeds have been cut, apply after 2 to 4 inches of regrowth (so there will be enough leaf area for absorption) and before exceeding maximum height (refer to **Table 4** and **Table 6**).
- Apply before plant canopies cover annual grass weeds and interfere with spray coverage. **NOTE:** Timing applications to after a cutting following an irrigation or rainfall will allow grass weeds to regrow to a treatable size.
- Spray spring-germinating and summer-germinating grass weeds as early in the season as possible.
- Spray fall-germinating grass weeds in the fall soon after they begin growing but before any killing frost.

Perennial Grass Weed Control

- **Poast Plus** effectively controls or suppresses perennial grass weeds listed in **Table 5**. However, a program of repeat applications will usually provide the best results.
- The most economical way of controlling perennial grass weeds is to disk the field before stand establishment to thoroughly fragment rhizomes or stolons.
- In summer and fall seedings, cool-season grass weeds (e.g., perennial ryegrass, quackgrass, wirestem muhly) can become competitive under cool fall conditions. Fall applications will reduce late-season growth and limit accumulation of nutrient reserves in roots and rhizomes.
- In established stands, apply in the spring when conditions favor active growth and before storage tissues have increased their nutrient reserves.
- Make additional applications on any grass regrowth in later cuttings.

Apricot (bearing)

- **PHI** - 25 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed in treated apricot groves or orchards. **DO NOT** feed livestock anything from treated apricot groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

Artichoke, Globe

- **PHI** - 7 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Asparagus

- **PHI** - 1 day
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Avocado (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated avocado groves or orchards. **DO NOT** feed livestock anything from treated avocado groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Beans, Dry and Succulent

- **PHI**
 - Dry: 30 days
 - Succulent: 15 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 6.0 pints/acre
- There are no livestock grazing or feeding restrictions in beans (dry or succulent).
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Beet, Garden/Table

- **PHI** - 60 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Beet, Sugar

- **PHI** - 60 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- There are no livestock grazing or feeding restrictions in sugar beet. **NOTE:** Processed pulp and molasses may be fed to livestock.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Blueberry

DO NOT use on blueberry in California.

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Brassica Vegetables

[including: Broccoli (including Chinese and Raab); Brussels Sprouts; Cabbage (Bok Choy, Chinese Mustard, Napa); Cauliflower; Collards; Kale; Kohlrabi; Mustard Greens; Rape Greens]

- **PHI** - 30 days
- EXCEPTION:** Mustard greens may be harvested after 14 days.

- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Bulb Vegetables

[including: Garlic; Leek; Onion (Dry Bulb and Green); Shallot]

- **PHI** - 30 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 6.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Caneberries

[All varieties and/or hybrids of these: Blackberry, Raspberry (Red and Black); Loganberry; Youngberry]

- **PHI** - 45 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.
- EXCEPTION:** **DO NOT** apply by air in California.

Canola, Crambe, and Rapeseed

DO NOT use on canola, crambe, or rapeseed in California.

- **PHI** - 60 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- EXCEPTION:** Processed meal may be fed to animals.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Carrot

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Cherry, Sweet and Tart (bearing and nonbearing)

- **PHI** - 25 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed in treated cherry (sweet or tart) groves or orchards. **DO NOT** feed livestock anything from treated cherry (sweet or tart) groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

Citrus

- **PHI** - 15 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 15.0 pints/acre
- There are no livestock grazing or feeding restrictions in citrus. **NOTE:** Pulp and waste may be feed to livestock.
- Ground application allowed. **DO NOT** apply by air.

Clover

- **PHI**
 - Hay (dry): 20 days before grazing, feeding, or cutting
 - Forage (undried): 7 days before grazing, feeding, or cutting
- **Maximum Single Application Rate**
 - Hay (dry) and Forage (undried): 3.75 pints/acre
- **Maximum Seasonal Application Rate**
 - Hay (dry) and Forage (undried): 9.75 pints/acre
- There are no livestock grazing or feeding restrictions in clover.
- Aerial and ground application allowed.

Poast Plus® herbicide may be applied to seedling or established clover grown for hay, silage, green chop, direct grazing, or seed. Apply **Poast Plus** before mowing for the best control of annual grass weeds. Mowed grass weeds may form large crowns and could require repeat applications for control.

DO NOT tank mix with 2,4-DB when applying **Poast Plus** to clover.

Irrigated Clover

- Irrigation can be critical to the success of **Poast Plus** to start grass weeds growing again.
- **Poast Plus** application 2 to 4 days after irrigation is most effective because:
 - Grass weeds have resumed active growth.
 - Grass weeds have less chance to grow too large.
 - Later applications allow plants to begin to canopy, which interferes with spray coverage.
- Irrigation shortly after application (e.g., 2 days) can be effective, but more consistent control is achieved when irrigation is made before application.

Annual Grass Weed Control

- Apply **Poast Plus** at the rate and timing (maximum height) indicated in **Table 4** and **Table 6**.
- If grass weeds have been cut, apply after 2 to 4 inches of regrowth (so there will be enough leaf area for absorption) and before exceeding maximum height (refer to **Table 4** and **Table 6**).
- Apply before plant canopies cover grass weeds and interfere with spray coverage. **NOTE:** Timing applications to after a cutting following an irrigation or rainfall will allow grass weeds to regrow to treatable size.
- Spray spring-germinating and summer-germinating grass weeds as early in the season as possible.
- Spray fall-germinating grass weeds in the fall soon after they begin growing, but before any killing frost.

Perennial Grass Weed Control

- **Poast Plus** effectively controls or suppresses perennial grass weeds listed in **Table 5**. However, a program of repeat applications will usually provide the best results.
- For the most economical perennial grass weed control, disk the field before stand establishment to thoroughly fragment rhizomes or stolons.
- In summer and fall seedings, cool-season grass weeds (e.g., perennial ryegrass, quackgrass, wirestem muhly) can become competitive under cool fall conditions. Fall applications will reduce late-season growth and limit accumulation of nutrient reserves in roots and rhizomes.
- In established stands, apply in the spring when conditions favor active growth and before storage tissues have increased their nutrient reserves.
- Make additional applications on any grass regrowth in the later cuttings.

Conservation Reserve Land

For this application, DO NOT use west of the Rocky Mountains.

- **PHI** - There is no PHI when applying to **Conservation Reserve** land unless application is being made to alfalfa, birdsfoot trefoil, clover, or sainfoin.
 - Alfalfa, birdsfoot trefoil, or sainfoin PHI**
 - Hay (dry): 14 days before cutting
 - Forage (undried): 7 days before grazing, feeding, or cutting
 - Clover cover crops PHI**
 - Hay (dry): 20 days before cutting
 - Forage (undried): 7 days before grazing, feeding, or cutting
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Annual Application Rate** - 11.25 pints/acre
EXCEPTION: If applying to alfalfa, birdsfoot trefoil, clover, or sainfoin, **DO NOT** apply more than a total of 9.75 pints/acre/season.

- **DO NOT** harvest or graze cover crops other than alfalfa, birdsfoot trefoil, clover, or sainfoin treated with **Poast Plus® herbicide**. **DO NOT** feed livestock cover crops other than alfalfa, birdsfoot trefoil, clover, or sainfoin from treated Conservation Reserve Land.
- Aerial and ground application allowed.

Broadleaf Cover Crops. The growth of broadleaf cover crops (e.g., alfalfa, birdsfoot trefoil, clover, lespedeza, vetches) will not be affected by application of **Poast Plus**.

Grass Cover Crops. Most seeded grass crops (e.g., bromegrasses, oats, orchardgrass, ryegrass, Sudangrass, tall fescue, or timothy) will be injured or killed by **Poast Plus**. **DO NOT** apply **Poast Plus** to these grass cover crops if injury is undesirable.

**Corn, Field
including Poast® Protected hybrids**

DO NOT use on field corn in California.

- **PHI**
 - Grain and Fodder: 60 days
 - Forage and Silage: 45 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- There are no livestock grazing or feeding restrictions in field corn.
- Aerial and ground application allowed.

Preplant Burndown Treatment

Apply **Poast Plus** to actively growing grass weeds at 1.5 pints/acre 30 days or more before planting corn. Use 2.0 to 4.0 pints of UAN or 1.0 to 2.0 pounds of AMS plus COC or MSO at 1.0 to 2.0 pints/acre.

Poast® Protected hybrids ONLY

Only Poast Protected field corn hybrids are tolerant to in-crop Poast Plus application. DO NOT use on other field corn hybrids or severe crop injury will occur to field corn hybrids not designated as Poast Protected corn.

Over-the-top application (after corn emergence) of **Poast Plus** in **Poast Protected** field corn may be made until onset of pollen shed if appropriate preharvest intervals are observed. **DO NOT** apply **Poast Plus** after pollination.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals; and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

**Corn, Sweet
(Poast® Protected hybrids ONLY)**

Only Poast Protected sweet corn hybrids are tolerant to Poast Plus application. DO NOT use on other sweet corn hybrids or severe crop injury will occur to sweet corn hybrids not designated as Poast Protected corn.

- **PHI**
 - Grain and Fodder: 45 days
 - Forage, Silage, and Fresh Sweet Corn: 30 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- There are no livestock grazing or feeding restrictions in sweet corn.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Application of **Poast Plus** in **Poast Protected** sweet corn may be made until the onset of pollen shed. **DO NOT** apply **Poast Plus** after pollination. A second application of **Poast Plus** in **Poast Protected** sweet corn may be made 10 days or more after the first application.

Cotton

- **PHI** - 40 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field. **EXCEPTION:** Processed meal may be fed to animals.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Cranberry

DO NOT use on cranberry in California.

- **PHI** - 60 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 6.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated bog or field. **DO NOT** feed livestock anything from treated bog or field.
- Aerial and ground application allowed.

Crops Grown for Seed

Poast Plus can be used on all crops listed in this label when they are grown for seed production. Use the rate indicated for the crop, as detailed in this **Use-specific Information** section. Slight modifications in application methods may be required for certain seed crops because of crop canopy or different cultural methods from the corresponding crop.

Cucurbit Vegetables
 [including: Cantaloupes (all); Cucumber; Gherkin;
 Honeydew Melon; Muskmelon (all); Pumpkin;
 Squash (all); Watermelon]

- **PHI** - 14 days
EXCEPTION: Cantaloupe may be harvested after 3 days.
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.

Date
 (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated date groves or orchards. **DO NOT** feed livestock anything from treated date groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Fig
 (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated fig groves or orchards. **DO NOT** feed livestock anything from treated fig groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Fine Fescue Grown for Turfgrass Seed

- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** apply more than 2 applications per season.
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed treated fescue screenings or hay to livestock.
- Ground application allowed. **DO NOT** apply by air.

Only apply **Poast Plus® herbicide** to fine fescue varieties classified as creeping red (*Festuca rubra*), Chewings (*Festuca nigrescens*), and hard fescue (*Festuca ovina*). Use standard high-pressure pesticide hollow cone or flat fan nozzles (minimum of 40 PSI at the nozzle); apply at least 10 gallons of water per acre. If foliage is dense, increase

water volume to 20 gallons per acre (minimum of 60 PSI). Thorough foliar spray coverage is essential.

- **DO NOT** apply to tall fescue (*Schedonorus arundinaceus*) or any other desired grass plant. Injury will occur.
- **Poast Plus** does **NOT** control annual bluegrass (*Poa annua*) or rattail fescue (*Vulpia myuros*).
- **DO NOT** apply if rainfall is expected within 1 hour of application.
- **DO NOT** use flood or whirl chamber nozzles or selective application equipment (e.g., recirculating sprayers, wiper applicators, shielded applicators).

For control of annual ryegrass, colonial and highland bentgrasses, cheatgrass/downy brome, and German velvetgrass, apply when fine fescue is semi-dormant (generally November 1 through March 15). Application at other times of the year can result in reduced control. Refer to **Table 9** for application rate and timing (maximum height) information.

Table 9. Application Rate and Timing (Maximum Height) - Fine Fescue Grown for Turfgrass Seed

Turfgrass Species	Maximum Height* (inches)	Rate per Acre** (pints)
Annual Turfgrass		
Annual ryegrass (<i>Lolium multiflorum</i>)	4 to 8	2.25
Cheatgrass/Downy brome (<i>Bromus tectorum</i>)	2 to 6	3.75
NOTE: Late fall applications, after maximum germination, produce the best results.		
Perennial Turfgrass		
German velvetgrass (<i>Holcus mollis</i>)	2 to 4	3.0 to 3.75
Colonial bentgrass Highland bentgrass (<i>Agrostis tenuis</i>)	2 to 4	2.25 to 3.75
NOTE: Use the higher rate on well-established grass weeds.		
*When fine fescue is semi-dormant		
**If regrowth occurs or new plants emerge, make a second application at the same rate.		

Flax

DO NOT use on flax in California.

- **PHI** - 75 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 6.0 pints/acre
- There are no livestock grazing or feeding restrictions in flax. **NOTE:** Processed meal may be fed to animals.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Fruiting Vegetables (excluding Tomato)

[including; Eggplant; Groundcherry; Pepino; Peppers (all); Tomatillo]

- **PHI** - 20 days
EXCEPTION: Peppers (all) may be harvested after 7 days.
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 6.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Grape

- **PHI** - 50 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated vineyard. **DO NOT** feed livestock anything from treated vineyard. **EXCEPTION:** Pomace and raisin waste may be fed to animals.
- Ground application allowed. **DO NOT** apply by air.

Head-type and Petiole-type Vegetables

[Cardoon; Celery; Celery (Chinese); Celtuce; Fennel (Florence); Lettuce (Head); Radicchio; Rhubarb; Swiss Chard]

- **PHI** - 30 days
EXCEPTION: In Florida, celery may be harvested after 14 days.
EXCEPTION: In Illinois, Indiana, Michigan, Minnesota, and Wisconsin, rhubarb may be harvested after 15 days.
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.
EXCEPTION: DO NOT apply to rhubarb by air.

Horseradish

DO NOT use on horseradish in California.

- **PHI** - 60 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Ground application allowed. **DO NOT** apply by air.

Leafy Vegetables

[Amaranth; Arugula; Chervil; Chrysanthemum (Edible and Garland); Cilantro; Corn Salad; Cress (Garden and Upland); Dandelion; Dock; Endive (Escarole); Lettuce (Leaf); Orach; Parsley; Purslane (Garden and Winter); Spinach (including New Zealand and Vine)]

- **PHI** - 15 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 4.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Lentil

DO NOT use on lentil in California.

- **PHI** - 50 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 6.0 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Lingonberry, Salal, and Juneberry

- **PHI** - 45 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Mint

- **PHI** - 20 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Nectarine (bearing)

- **PHI** - 25 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed in treated nectarine groves or orchards. **DO NOT** feed livestock anything from treated nectarine groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

Nonagricultural Land

DO NOT use on red sprangletop in Arizona, California, or western New Mexico.

- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Annual Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed treated non-agricultural land. **DO NOT** feed livestock anything from treated nonagricultural land.
- Ground application allowed. **DO NOT** apply by air.

Nonagricultural lands include private, public, and military lands as follows:

- Uncultivated nonagricultural areas (including sewage disposal areas and airport, highway, railroad, and utility rights-of ways, roadsides, and other paved areas)
- Uncultivated agricultural areas - Noncrop producing (including farmyards, fuel and other storage areas, fence and hedge rows, nonirrigation ditchbanks, and barrier strips)
- Industrial sites - Outdoor (including lumberyards, electrical transformer and pipeline pumping stations, storage areas, and tank farms)
- Natural areas (including wildlife management areas, wildlife openings, wildlife habitats, recreation areas, campgrounds, trailheads, and trails)
- Potting soil and topsoil.

NOTICE TO USER: Due to difference in plant species/variety and application techniques, neither the manufacturer nor the seller has determined whether or not **Poast Plus® herbicide** can be safely used on all species/varieties under all conditions. It is the responsibility of the applicator and grower to test and determine if **Poast Plus** can be used safely on the species/variety to be treated under the conditions expected to be encountered at the time of application. Test in a small area first, before wide-scale use. Any adverse conditions/effects should be visible within 7 days of application.

Olive (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated olive groves or orchards. **DO NOT** feed livestock anything from treated olive groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Orchard Floor Middles (growth management)

- **Maximum Single Application Rate** - 0.75 pint/acre
- **Maximum Annual Application Rate** - 0.75 pint/acre
- **DO NOT** allow livestock to graze or feed in treated orchard floor middles. **DO NOT** feed livestock anything from treated orchard floor middles.
- Ground application allowed. **DO NOT** apply by air.

Tank Mixes with 2,4-D Dimethylamine

Use this tank mix to reduce the number of mechanical mowings in cool-season grasses and mixtures of Kentucky bluegrass, perennial ryegrass, and tall fescue found in orchard floor middles.

NOTE: Some discoloration of turfgrass may occur; however, treatment effects will wear off with regrowth and greenup.

- Make **ONE** of the following applications per season:
 - Apply this tank mix during the spring or summer when growth management is desired. **DO NOT** apply during bloom or less than 3 days after mowing.
 - Optimally, apply after turfgrass greenup in the spring (before any mowing) or 3 days after the first mowing of the season. **NOTE:** This treatment will provide 5 to 8 weeks of growth management depending on turfgrass makeup (i.e., grass species, broadleaf weed pressure), environmental conditions, and desired maintenance height of orchard floor middles.

Tank Mix Specific Restrictions

- **DO NOT** make more than 1 application per season.
- **DO NOT** apply if rainfall or irrigation is expected within 6 hours of application.
- **DO NOT** apply to turfgrass less than 2 years old.
- **DO NOT** apply to newly established orchards. Trees must be at least 1 year old and in vigorous condition.

Peach (bearing)

- **PHI** - 25 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed in treated peach groves or orchards. **DO NOT** feed livestock anything from treated peach groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

Peanut

- **PHI** - 40 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 3.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
- **EXCEPTION:** Processed meal may be fed to animals.
- Aerial and ground application allowed.

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To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Peas, Dry and Succulent

- **PHI**
 - Dry: 30 days
 - Succulent: 15 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 6.0 pints/acre
- There are no livestock grazing or feeding restrictions in peas.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Pistachio

- **PHI** - 15 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 15.0 pints/acre
- **DO NOT** allow livestock to graze or feed in treated pistachio groves or orchards. **DO NOT** feed livestock anything from treated pistachio groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

For bearing pistachio trees, only apply as a directed spray to the grove floor.

Plum (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated plum groves or orchards. **DO NOT** feed livestock anything from treated plum groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Pome Fruits

[including: Apple, Crabapple, Pear, Quince]

- **PHI** - 14 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed treated pome fruit groves or orchards. **DO NOT** feed livestock anything from treated pome fruit groves or orchards.
- **EXCEPTION:** Pressed or processed apple waste may be fed to animals.
- Ground application allowed. **DO NOT** apply by air.

Pomegranate (nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated pomegranate groves or orchards. **DO NOT** feed livestock anything from treated pomegranate groves or orchards.
- Aerial and ground application allowed.

To minimize potential for tree injury, direct spray away from leaves where possible.

Potato, Field (excluding sweet potato)

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- **EXCEPTION:** Potato wastes may be fed to animals.
- Aerial and ground application allowed.

NOTE: For heavy infestations of quackgrass in potato, apply 3.75 pints of **Poast Plus® herbicide** per acre followed by a sequential application of 2.25 pints, if needed.

Tank Mix Specific Restrictions with Metribuzin-containing Products

- In California, **DO NOT** tank mix **Poast Plus** with metribuzin-containing products for application to potato.
- Only apply to non-early maturing russeted or white-skinned varieties of potato.
- **PHI** - 60 days, if tank mixed with metribuzin-containing products
- **DO NOT** apply unless there have been 3 prior successive days of sunny weather, or crop injury may occur.
- **DO NOT** add AMS or UAN.
- **DO NOT** use on: Bermudagrass, itchgrass, quackgrass, red rice, rhizome Johnsongrass, shattercane, volunteer cereal or corn, or wirestem muhly.

Potato, Sweet (excluding field potato)

Eastern U.S. (Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, and Texas)

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Western U.S. (Arizona, California, Hawaii, Idaho, Nevada, Oregon, and Washington)

- **PHI** - 60 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.

DO NOT apply a tank mix of **Poast Plus®** herbicide and metribuzin to sweet potato (or yams).

Prune
(nonbearing)

- **PHI** - 1 year
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed in treated prune groves or orchards. **DO NOT** feed livestock anything from treated prune groves or orchards.
- Ground application allowed. **DO NOT** apply by air.

To minimize potential for tree injury, direct spray away from leaves where possible.

Safflower

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.

Soybean

NOTE: In California, the maximum application rate is 3.0 pints per acre.

- **PHI** - 75 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- Only processed meal from seed and hay may be grazed or fed to livestock.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Strawberry

- **PHI** - 7 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 3.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.
EXCEPTION: DO NOT apply by air in California.

Sunflower

- **PHI** - 70 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 3.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
EXCEPTION: Processed meal and soapstock may be fed to livestock.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Commercially released varieties of sunflower are tolerant to **Poast Plus** at all stages of growth. **DO NOT** use **Poast Plus** on sunflower inbred lines grown for seed. **NOTE:** Leaf speckling occasionally has been observed with no corresponding reduction in vigor or growth.

Tall Fescue Growth Suppression
(in Nonagricultural Land)

Tall fescue must be 1-year old before the first application.

- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Annual Application Rate** - 11.25 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.

Apply 1.5 to 1.875 pints per acre of **Poast Plus** to actively growing tall fescue:

- After it has 4 to 6 inches of new growth
- Before the emergence of seedheads

For optimum control, **DO NOT** mow tall fescue for 30 days before or 14 days after treatment. For greater suppression, apply up to 3.75 pints per acre. **NOTE:** Because of environmental differences at the time of application, and the growth differences of tall fescue, control may exceed or fall short of that desired (e.g., applications made July 1 to mid-August may be less effective, especially if day temperatures reach 90° F).

Tobacco

DO NOT use on tobacco in California.

- **PHI** - 42 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 6.0 pints/acre
- **DO NOT** allow livestock to graze or feed treated field.
DO NOT feed livestock anything from treated field.
- Aerial and ground application allowed.

To control crabgrass, shattercane, volunteer corn and all volunteer cereals, and witchgrass, add 2.5 pounds of AMS or 4.0 to 8.0 pints of UAN.

Sequential Application

- **Application 1** – Apply to plantbed seedlings up to 4 weeks before transplanting to the field.
 - **Maximum application rate** – 1.5 pints/acre
- **Application 2** – Apply up to 3 weeks after transplanting.
 - **Maximum application rate** – 2.25 pints/acre
- **Application 3** – Apply up to 7 weeks after transplanting.
 - **Maximum application rate** – 2.25 pints/acre

NOTE: Poast Plus® herbicide may be applied at the seedbed stage of growth.

Tomato

- **PHI** - 20 days
- **Maximum Single Application Rate** - 2.25 pints/acre
- **Maximum Seasonal Application Rate** - 6.75 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- **EXCEPTION:** Tomato waste may be fed to livestock.
- Aerial and ground application allowed.

Tank Mix Specific Restrictions with Metribuzin-containing Products

- In California, **DO NOT** tank mix **Poast Plus** with metribuzin-containing products for application to tomato.
- **DO NOT** add AMS or UAN.
- **DO NOT** use on: Bermudagrass, itchgrass, quackgrass, red rice, rhizome Johnsongrass, shattercane, volunteer cereal or corn, or wirestem muhly.
- **DO NOT** treat transplanted tomatoes within 14 days of transplanting. Tomatoes must have recovered from transplant shock and new growth must be evident.
- **DO NOT** treat seeded tomatoes until plants have reached the 5 to 6 leaf stage.

Tree Nuts

Poast Plus may be used in bearing and nonbearing tree nuts.

- **PHI** - 15 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 15.0 pints/acre
- **DO NOT** allow livestock to graze or feed treated tree nut groves or orchards. **DO NOT** feed livestock anything from treated tree nut groves or orchards.
- **EXCEPTION:** In almond, only almond hulls may be fed to animals.
- Ground application allowed. **DO NOT** apply by air.

Tree nuts are very tolerant to **Poast Plus**; application may be made over the top of small, nonbearing trees or as a directed spray on larger trees.

Tuberous and Corm Vegetables

[Arracacha; Arrowroot; Artichoke (Chinese and Jerusalem); Canna (Edible); Cassava (Bitter and Sweet); Chayote Root; Chufa; Dasheen (Taro); Ginger; Leren; Potato; Tanier; Turmeric; Yam Bean; Yam (True)]

- **PHI** - 30 days
- **Maximum Single Application Rate** - 3.75 pints/acre
- **Maximum Seasonal Application Rate** - 7.5 pints/acre
- **DO NOT** allow livestock to graze or feed treated field. **DO NOT** feed livestock anything from treated field.
- Aerial and ground application allowed.

Wildlife Food Plots

Poast Plus can be used on all crops listed in this label for the purpose of establishing and maintaining wildlife food plots. Use the rate indicated for the crop and follow all associated restrictions and limitations, as detailed in this **Use-specific Information** section.

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Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Supersedes: NVA 2008-04-026-0356

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company

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The Chemical Company

Group 1 Herbicide

Poast Plus[®] herbicide

[Alternate Brand Name] **Rezult[®] G herbicide**

Postemergence herbicide for dry beans, dry peas, peppermint and spearmint, and soybean

Active Ingredient:

sethoxydim: 2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one* 13.0%

Other Ingredients: 87.0%

Total: 100.0%

*Equivalent to 1 pound of sethoxydim per gallon formulated as an emulsifiable concentrate
Contains petroleum distillate

EPA Reg. No. 7969-88

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

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.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give any liquid to the person. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth to mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.	
NOTE TO PHYSICIAN	
May pose an aspiration pneumonia hazard. Contains petroleum distillate.	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye injury. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils
- Shoes plus socks

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

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

Environmental Hazards

For terrestrial uses, **DO NOT** apply directly to water, or 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 washwater or rinsate. This product is toxic to aquatic organisms.

Endangered Species Concerns

NOTE: The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal law.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of herbicide application.

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 requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Observe all precautions and limitations in this label and the labels of products used in combination with **Poast Plus® herbicide**. Use of **Poast Plus** not consistent with this label can result in injury to crops, animals, or persons.

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 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 **48 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
- Chemical-resistant gloves, such as or made of any waterproof material
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

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

Pesticide Storage

DO NOT allow this product to freeze. **DO NOT** store below 32° F or above 100° F. Store in original container only, in a dry place away from heat or open flame. Store in an area separately from feed or foodstuffs.

Pesticide Disposal

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

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

(continued)

STORAGE AND DISPOSAL (continued)

Container Handling (continued)

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or 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.

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. 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.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

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In Case of Emergency

In case of a spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

Steps to take if this material is released into the environment or spilled:

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert, absorbent material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Poast Plus® herbicide** (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

Product Information

Use the tank mix application of **Poast Plus + Rezult® B herbicide** in dry beans, dry peas, peppermint and spearmint, and soybean for postemergence control of a wide spectrum of broadleaf and grass weeds listed in **Table 1**.

Refer to the **Crop-specific Information** section of this label for recommendations on herbicide tank mixtures and sequential programs.

Table 1. Weeds Controlled by the Tank Mix of Poast Plus® herbicide + Rezult® B herbicide

Weeds	Maximum Weed Height (inches)
Broadleaf	
Balloonvine	3
Beggarticks	8
Bristly starbur	3
Cocklebur	10
Dayflower	8
Groundsel, common	3
Jimsonweed	10
Ladysthumb	10
Lambsquarters, common	2
Marshelder	4
Mayweed/Dogfennel	3
Prickly sida/Teaweed	4
Purslane, common	2

(continued)

Table 1. Weeds Controlled by the Tank Mix of Poast Plus® herbicide + Rezult® B herbicide (continued)

Weeds	Maximum Weed Height (inches)
Broadleaf (continued)	
Radish, volunteer	10
Ragweed, common	3
Ragweed, giant	6
Redweed	8
Shepherdspurse	8
Smartweed, Pennsylvania	10
Spurred anoda	4
Tropic croton	4
Velvetleaf	6
Venice mallow	4
Wild buckwheat	5
Wild mustard	8
Wild poinsettia	6
Wild sunflower ¹	8
Grass	
Barnyardgrass	4
Broadleaf signalgrass	4
Crabgrass, large	4
Crabgrass, smooth	4
Foxtail, giant	4
Foxtail, green	4
Foxtail, yellow	4
Goosegrass	4
Johnsongrass, seedling	4
Junglerice	4
Panicum, browntop	4
Panicum, fall	4
Panicum, Texas	4
Red sprangletop	4
Ryegrass, annual	4
Shattercane ²	8
Volunteer corn	10
Wild oats	3
Wild proso millet	8
Witchgrass	4
Woolly cupgrass	4

Table 1. Weeds Controlled by the Tank Mix of Poast Plus® herbicide + Rezult® B herbicide (continued)

Weeds	Maximum Weed Height (inches)
Perennial (top-growth suppression)	
Canada thistle ¹	bud stage
Johnsongrass ² , rhizome	12
Quackgrass ²	4
Wirestem muhly ²	4
Yellow nutsedge ¹	8
¹ For regrowth or new germination, make a second application 7 to 10 days later with Rezult B .	
² For regrowth or new germination, a follow-up application of Poast Plus may be necessary.	

Mode of Action

The tank mix of **Poast Plus + Rezult B** is herbicidally effective through both foliar contact and systemic activity. Weeds must be thoroughly covered with spray. Large crop-and-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance

Essentially all grass crops (e.g. ornamental grass, turfgrass, as well as cereal grain crops such as sorghum, corn, small grains) are susceptible to **Poast Plus + Rezult B**; therefore, avoid all direct or indirect contact with any grass crop.

Rotational Crops

The tank mix of **Poast Plus + Rezult B** has no crop rotation restrictions.

Application Instructions

Application Rate and Timing

Tank Mix Application

In a single tank mix application, apply 1.6 pints per acre **Poast Plus** plus 1.6 pints per acre **Rezult B** early postemergence to actively growing weeds before they reach the maximum sizes listed in **Table 1**.

DO NOT apply the single tank mix application of Poast Plus + Rezult B in any rate combination other than a 1:1 ratio.

In a single application or in one growing season, **DO NOT** exceed the maximum total cumulative tank mix rate of 3.2 pints per acre (1.6 pints per acre **Poast Plus** + 1.6 pints per acre **Rezult B**).

Sequential Application

If weeds regrow or new weeds germinate after the initial single tank mix application of **Poast Plus + Rezult B**, sequential applications of either **Poast Plus** or **Rezult B** may be applied in each crop at use rates specified in the **Crop-specific Information** section.

Application Methods and Equipment

Ground Application

Thorough spray coverage is required for control of emerged weeds. Use a minimum spray volume of 10 gallons of water per acre to ensure adequate spray coverage. Use up to 20 gallons of water per acre when crop and weed foliage is dense. **DO NOT** use flood or whirl-chamber nozzles. **DO NOT** use brass nozzles because of the corrosive effects of nitrogen additives.

Aerial Application

Use a minimum spray volume of 5 gallons of water per acre. To obtain uniform coverage and to avoid off-target drift movement, applicators must observe the following requirements:

- **Boom Length** - The distance of the outermost nozzles on the boom must not exceed 3/4 the length of the fixed wingspan or 90% of rotor-blade diameter.
- **Nozzle Type** - Use low-drift nozzles such as straight-stream (D-8 or larger). **DO NOT** use nozzles producing a mist droplet spray.
- **Nozzle Orientation** - Nozzles must always point backward parallel with the airstream and never be pointed downward more than 45 degrees.
- **Application Height** - Without compromising aircraft safety, apply at a height of 10 feet or less above the crop canopy or tallest plants.

DO NOT apply **Poast Plus + Rezult B** by aircraft within 200 feet upwind of grasses (ornamental or turfgrass), ornamental plants, or sensitive nontarget crops such as corn, cotton, small grains, sugar beets, or sunflowers.

Cleaning Spray Equipment

Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions, followed by triple rinsing the equipment before and after applying **Poast Plus + Rezult B**.

Mixing Order

1. **Water** - Fill tank 1/2 to 2/3 full with clean water and start agitation.
2. **Agitation** - Maintain agitation throughout mixing.
3. **Inductor** - If an inductor is used, rinse it thoroughly after each component has been added.
4. **Products in PVA bags** - Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
5. **Water-soluble additives** (including dry and liquid fertilizers such as ammonium sulfate or urea ammonium nitrate)
6. **Water-dispersible products** (such as dry flowables, wettable powders, suspension concentrates, or suspensions)

- 7. **Water-soluble products** (such as **Rezult® B** herbicide)
- 8. **Emulsifiable concentrates** (such as **Poast Plus® herbicide** or crop oil concentrate)
- 9. **Remaining quantity of water**

Maintain agitation throughout application until spraying is complete. Spray **Poast Plus + Rezult B** within 48 hours after dispensing into the spray tank.

Tank Mixing Information

Poast Plus + Rezult B may be tank mixed with other registered herbicides according to the specific tank mixing instructions in this label and respective product labels. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Always follow the most restrictive label use directions. Refer to the **Crop-specific Information** section for tank mixing details.

BASF does not recommend the use of **Poast Plus + Rezult B** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Poast Plus + Rezult B** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers not recommended on the label.

Additives

To achieve consistent postemergence weed control when applying the tank mix of **Poast Plus + Rezult B**, add adjuvants at the following specified rates:

- 0.5 to 1 pint (maximum) of crop oil concentrate (COC) per acre plus 1 to 2 quarts (maximum) of urea ammonium nitrate (UAN) per acre
- Ammonium sulfate (AMS) can be substituted for UAN (1 pound of AMS equals 1 quart of UAN).

Use Precautions

- **DO NOT** apply to labeled crops under environmental stress or damage, fertility excesses, previous herbicide injury, mechanical injury, or cold temperatures, or crop injury may result.
- **DO NOT** apply to weeds under stress (such as stress because of lack of moisture, previous herbicide injury, mechanical injury, or cold temperatures) when maximum daily temperature is below 70° F or soil temperature is below 60° F, or unsatisfactory control could result.
- **DO NOT** apply if rainfall or irrigation is expected within one hour following application.
- **DO NOT** apply through any type of irrigation system.
- **DO NOT** cultivate within 5 days before application or within 7 days after application. Cultivation may put weeds under stress and reduce control. A timely cultivation 7 days after application may provide season-long weed control.

Crop-specific Information

This section provides use directions for the tank mix of **Poast Plus + Rezult B** in specific crops. Read **Product Information**, mixing, application, weeds controlled, and adjuvant instructions in the preceding sections of the label. Always read and follow all label directions when using these products alone, or in a tank mix, or in other tank mix combinations. The most restrictive labeling applies when using tank mixes.

Dry Beans and Dry Peas

Apply **Poast Plus + Rezult B** to dry beans after the first trifoliolate leaf has fully expanded and to dry peas after they have at least three (3) pairs of leaves or four (4) nodes.

DO NOT apply before these growth stages because severe crop injury may occur.

Dry bean and dry pea injury can be very pronounced. Even at the tolerant stages, yellowing, bronzing, speckling, or burning of leaves may occur under certain conditions (refer to **Use Precautions** section). This temporary injury is generally outgrown without delaying podset or maturity, or reducing yield. Using COC with **Poast Plus + Rezult B** may increase injury and may reduce yield.

Tolerant bean and pea types are:

adzuki bean, black turtle soup bean, cranberry bean, dry lima bean, dry snap bean, great northern bean, kidney bean, navy bean, pink bean, pinto bean, red bean, white bean, and dry edible peas (field peas).

In western irrigated dry bean areas, it may be necessary to irrigate before application of **Poast Plus + Rezult B** to ensure weeds are actively growing. In this irrigated area, avoid applying **Poast Plus + Rezult B** during prolonged periods of cold weather (day temperature below 75° F and night temperature below 55° F for 2 to 5 days) because weed control may be reduced.

Sequential Application

In dry beans and dry peas, an additional 2.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Poast Plus + Rezult B**.

Crop-specific Restrictions and Limitations

- After the single tank mix application of **Poast Plus + Rezult B**, **DO NOT** apply more than 2.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** in one season to dry beans or dry peas.
- **DO NOT** apply **Poast Plus + Rezult B** to dry peas under stress from root rot.
- **DO NOT** apply **Poast Plus + Rezult B** to garbanzo beans or lupins at any stage of growth or severe crop damage may occur.
- **DO NOT** apply **Poast Plus + Rezult B** to dry beans or dry peas within 30 days of harvest.

- **DO NOT** use **Poast Plus® herbicide + Rezult® B herbicide** on adzuki beans in California.

Tank Mixtures

The following herbicides may be tank mixed with **Poast Plus + Rezult B:**

- Dry beans only - **Pursuit® herbicide, Raptor® herbicide**
- Dry peas only - MCPA

Peppermint and Spearmint

Peppermint and spearmint are tolerant to **Poast Plus + Rezult B**; however, some leaf burning may occur under certain conditions, such as when plants are growing very actively and have extensive new, succulent tissue. Mint plants generally outgrow this condition within 10 days.

Sequential Application

In peppermint and spearmint, an additional 3.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Poast Plus + Rezult B.**

Crop-specific Restrictions and Limitations

- After the single tank mix application of **Poast Plus + Rezult B, DO NOT** apply more than 3.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** in one season in peppermint or spearmint.
- **DO NOT** apply **Poast Plus + Rezult B** to peppermint or spearmint within 20 days of harvest.

Soybean

All soybean varieties are tolerant to **Poast Plus + Rezult B** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days.

Sequential Application

In soybean, an additional 5.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** may be applied after the initial single tank mix application of **Poast Plus + Rezult B.**

Crop-specific Restrictions and Limitations

- After the single tank mix application of **Poast Plus + Rezult B, DO NOT** apply more than 5.9 pints per acre of **Poast Plus** or 2.0 pints per acre of **Rezult B** in one season in soybean.
- **DO NOT** apply **Poast Plus + Rezult B** to soybeans within 75 days of harvest.
- **DO NOT** graze treated soybean fields.
- **DO NOT** feed treated soybean forage (green succulent) or ensilage to livestock.

- **DO NOT** cut treated soybean fields for hay for at least 30 days after the last treatment of **Poast Plus + Rezult B.** Only processed meal from seed or hay may be fed to animals.

Tank Mixtures

The following herbicides may be tank mixed with **Poast Plus + Rezult B:**

- **Pursuit**
- **Raptor**

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Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The *directions are believed to be reliable and must be followed carefully.* However, it is impossible to eliminate all risks inherently 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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