

PM 23

7969-77

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NOTE: THE PAGE COUNT IS
14 RATHER THAN 15.
PAGE 15 OF 15 IS
MISSING.

Ms. Karen R. Blundell
BASF Corporation
Agricultural Products
P.O. Box 13528
Research Triangle Park, NC 27709-3528

Dear Ms. Blundell:

SUBJECT: Label Amendment Revising Format, Adding Tank Mixes and Making
Numerous Editorial Changes
Galaxy® Herbicide
EPA Reg. No.: 7969-77
Your Application Dated August 14, 1998

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided you make the following changes:

1. In the Agricultural Use Requirements box, delete the phrase "notification to workers" from the sentence which begins "It also contains specific instructions ...". The revised sentence should read as follows:

"It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval."

2. Delete "- All Crops" from the section VI heading, since the only crop on the label is soybeans. The revised heading should read: "**VI. General Restrictions and Limitations**".
3. Revise the feeding restriction (4th bullet under "VI. General Restrictions and Limitations") to read as on the previously approved label:

"Do not use treated plants for feed or forage."

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #9:S548619.LET

CONCURRENCES								
SYMBOL •	7505C							
SURNAME •	S. Stanton							
DATE •	Nov 4, 1998							

4. Revise the 7th bullet under "VI. General Restrictions and Limitations" to read as follows:

"Stress: Do not apply to weeds or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as crop injury or unsatisfactory weed control will probably result."
5. Delete rice from the list of crops that may be immediately replanted in case of crop failure (6th bullet under "VI. General Restrictions and Limitations").
6. Correct the typographical error in the footnote to Table 4. The Application Instructions section of the label is section II, not section III.
7. Revise the section VII heading to read: "**VII. Specific Rate Information**". You must also revise references to this section under "II. Application Instructions" (first sentence) and "V. General Tank Mixing Information" (first sentence) to reflect this change.
8. Revise the "Tank Mix Specific Restrictions" for the soybean tank mix, Galaxy + Reliance STS SP, to read as follows:

"Do not add oil concentrate to this tank mix or use with soybean varieties other than those designated as STS."
9. In the Tank Mix Specific Restrictions and Limitations for the Galaxy + Skirmish tank mix, change "Storm" to "Galaxy".
10. Under the soybean tank mix, Galaxy + Synchrony STS:
 - delete the first product listed, "Synchrony STS 25 DF", and its use rate. This product was canceled in January of 1996.
 - Correct the name of the second product listed. It should be simply "Synchrony STS DF".
 - Change the additive option to "Option E".

A stamped copy of the label is enclosed for your records. Submit one copy of your final printed labeling incorporating these changes before you release the product for shipment.

Sincerely yours.

Susan L. Stanton, for

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

BASF

RT Date 17-98
Copy 3

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TJ _____
JN _____
JH _____
MK _____
KB _____

**ACCEPTED
with COMMENTS
In EPA Letter Dated
NOV 4 1998**

JZ _____
RS _____
CK _____
BM _____

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7969-77

Galaxy®

herbicide

For use on soybeans

Active Ingredients*:

Sodium salt of bentazon: (3-(isopropyl)-1H-2,1,3-benzothiadiazin-4 (3H)-one 2, 2-dioxide)	33.4%
Sodium salt of acifluorfen: sodium (5-[2-chloro-4-(trifluoromethyl) phenoxy]-2-nitrobenzoate)	6.8%
Inert Ingredients:	59.8%
Total	100.0%

* Equivalent to 3 pounds of bentazon and 0.67 pounds of sodium acifluorfen per gallon.

EPA Registration Number: 7969-77

EPA Est. No. is indicated by the first letter
of the code printed on this container:

- A = EPA Est. No. 707-TX-01
- B = EPA Est. No. 34313-TX-01
- C = EPA Est. No. 11773-IA-01

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

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 booklet for complete **Precautionary Statements, Statements of Practical Treatment, Directions For Use, and Conditions of Sale and Warranty.**

Net contents: 2.5 gallons (9.462 liters)

BASF Corporation
P.O. Box 13528, Research Triangle Park, NC 27709

5015

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger

Corrosive. Causes irreversible eye damage. Do not get in eyes or clothing. Avoid contact with skin. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Statement of Practical Treatment

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, 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 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 washwaters. Do not apply when weather conditions favor drift from target area.

Groundwater Advisory

Bentazon and acifluorfen are present in this product. These chemicals are known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this product in areas where soils are permeable, such as sand and soils with loamy sand textures, and where water tables are shallow could result in contamination of groundwater. The utilization of irrigated water in these areas will increase the likelihood of contamination.

Directions For Use

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

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

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty are to be followed. This labeling must be in the user's possession during application.

Agricultural Use Requirements

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of **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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Storage and Disposal

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

Pesticide Storage: Do not store below 40° F or above 100° F. Store in a dry place away from heat or open flame.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Plastic Containers: Triple rinse container (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Bulk/Mini-bulk Containers:

Refillable/reusable containers should be returned to the point of purchase for cleaning and refilling.

Five Steps to Repacking BASF Bulk Containers

Step 1. Inspect all mini-bulk tanks before filling with bulk products.

- _____ • Is the tank empty and clean (according to the current approved mini-bulk tank cleanout procedure), or does it contain only residue of the same BASF product with which it is about to be filled?
- _____ • Does the tank have a capacity greater than 55 gallons?
- _____ • Has the tank been inspected to be sure it is free of any punctures or structural defects?

Step 2. Inspect all tank valves, hoses, pumps, meter, and seals before filling with bulk product.

- _____ • Are all fittings free of visual signs of leaking or heavy wear?
- _____ • Are all fittings and plumbing clean (according to the current approved mini-bulk tank cleanout procedure)?

Step 3. Label all tanks properly before filling with bulk product.

- _____ • Is there an up-to-date legible product label including **Directions For Use** displayed on the tank.
- _____ • Did you write the net contents (in gallons) on the product label after every refill.
- _____ • Did you write your EPA Establishment Number on the product label?

Step 4. Properly secure the tank to any vehicle prior to transportation.

Step 5. Maintain a file of the following items at the location where repackaging occurs.

- _____ • A copy of the manufacturer's cleanout procedure.
- _____ • A signed copy of the manufacturer's repackaging label authorization for this retail location.
- _____ • While it is not required by the EPA currently, BASF has developed mini-bulk checklist to aid in your inspection (**Steps 1-3** above). We recommend that you complete these checklists every time a mini-bulk container is refilled and keep them on file.

Please post these instructions in an area visible by all employees and be sure to follow them prior to filling any mini-bulk tank. Leave all product and bar code labels in place. Product labels must remain in place to comply with Department of Transportation regulations.

Return container promptly to distributor.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

CHEMTREC 800-424-9300
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation (800-832-HELP)

Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing, and wash affected skin areas with water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

I. General Information

Galaxy® herbicide is intended for selective postemergence control of certain broadleaf weeds in soybeans.

Crop Tolerance

All soybean varieties are tolerant to **Galaxy** at the stages of growth listed. Leaf speckling may occur, but plants generally outgrow this condition within 10 days. New growth is normal and crop vigor is not reduced.

Irrigation

In irrigated areas, it may be necessary to irrigate before treatment to ensure active weed growth. Weeds growing under drought conditions usually are not adequately controlled.

Spray Coverage

Weeds must be thoroughly covered with spray. Always use an adequate volume of spray solution to ensure thorough coverage. Dense leaf canopies shelter smaller weeds and can prevent adequate spray coverage.

Cultivation

Do not cultivate within 5 days before or 7 days after applying **Galaxy**. Cultivating 7 days after treatment may help provide easier long control.

Cleaning Spray Equipment

Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product.

II. Application Instructions

Apply 2 pints of **Galaxy** per acre as follows unless instructed differently in section **VII. Crop-Specific Information**. Applications can be made to actively growing weeds as aerial or broadcast applications at the rates and growth stages listed in **Table 1**. The most effective control will result from making postemergence applications of **Galaxy** early, when weeds are small. Early application to weeds results in improved weed control, and makes thorough spray coverage easier to obtain. Delaying application permits weeds to exceed the maximum size stated and will prevent adequate control. Avoid drift to all other crops and nontarget areas. Do not apply when conditions favor drift from target area or when windspeed is greater than 10 mph.

Aerial Application

Water Volume: Use 5-10 gallons of water per acre.

Spray Pressure: Use up to 40 psi.

Application Equipment: Use only diaphragm-type nozzles to produce cone or fan spray patterns. Nozzles must be oriented to discharge straight back with the air stream (opposite the direction of travel of the aircraft) and not more than 20 degrees downward. Nozzles must be positioned 6-10 feet above crop.

Special Directions for Aerial Application

To obtain uniform coverage and to avoid drift hazards, follow these guidelines:

- Do not apply **Galaxy** herbicide by aircraft when wind is blowing more than 10 mph. Use coarse sprays (larger droplets) as they are less likely to drift.
- Do not apply **Galaxy** by air if ornamentals or sensitive nontarget crops such as cotton, sugar beets, sunflowers, or okra are within 200 feet downwind.

The applicator must follow the most restrictive use cautions to avoid drift hazards, including those found in this labeling as well as applicable state and local regulations and ordinances. A drift control agent may reduce drift, however, it may also decrease weed control.

Ground Application. Broadcast

Water Volume: Use 10-20 gallons of spray solution per broadcast acre for optimal performance. Increase water volume up to 50 gallons if crop or weed foliage is dense.

Spray Pressure: Use a minimum of 40 psi (measured at the boom, not at the pump or in the line).

Note: When using the lower water volume (i.e., 10 gallons per acre) or when crop and weed foliage is dense, use a minimum of 60 psi for best results.

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 (CDA) nozzles as erratic coverage can cause inconsistent weed control. Do not use selective application equipment such as recirculating sprayers or wiper applicators.

Table 1. Application Timing

Weeds Controlled (including triazine and ALS-resistant biotypes) With 2 pints of Galaxy Per Acre	Weed Growth Stages	
	Leaf Stage (up to)	Maximum Height ^a
Anoda, Spurred	6	3"
Beggarticks	6	6"
Buckwheat, Wild	4	3"
Cocklebur ^b	6	6"
Dayflower	6	4"
Devilsclaw ^c	6	3"
Galinsoga ^c	6	2"
Jimsonweed	6	6"
Ladysthumb	6	6"
Lambsquarters, Common ^c	6	2"
Mallow, Venice	6	4"
Morningglories ^d	4	2"
Mustard, Wild	6	4"
Nightshade, Black	2	<2"
Eastern Black	2	<2"
Nutsedge, Yellow ^e	—	6-8"
Pigweed, Redroot	4	2"
Smooth	4	2"
Poinsettia, Wild	4	4"
Purslane, Common	4	1"
Ragweed, Common	6	3"
Giant	4	6"
Redweed	6	6"
Shepherdspurse ^c	6	4"
Sida, Prickly or Teaweed	6	3"
Smartweed, Pennsylvania	6	6"
Starbur, Bristly	4	2"
Sunflower, Wild	4	5"
Thistle, Canada ^c	—	8" to bud stage
Velvetleaf	6	5"
Waterhemp, Common	4	2"
Tall	4	2"

- The rate of **Galaxy** may be increased to a maximum of 3 pints per acre (for weed suppression) when weed height exceeds recommended heights listed.
- Do not treat earlier than the two leaf stage. Do not count cotyledon leaves.
- Includes ALS-resistant biotypes.
- For regrowth or new germination, a followup application of **Basagran** herbicide may be necessary (refer to **Basagran** label).
- For regrowth or new germination, a followup application of **Blazer** herbicide may be necessary (refer to **Blazer** label).
- Do not treat rosette before seed stalk appears.

III. Additives

To achieve consistent weed control, one of the following additives are needed: ammonium sulfate, crop oil concentrate, or urea ammonium nitrate. AMS (or UAN) should be used when velvetleaf is a primary target weed. Additives may cause some leaf burn, but new growth is normal and crop vigor is not reduced. The potential for leaf burn is increased when relative humidity and temperature are high. See **Table 3 Additive Rates Per Acre** for additive rates and **Table 2 Additive Options for Galaxy Tank Mixes**.

Ammonium Sulfate (AMS)

AMS is a dry, granular nitrogen-source fertilizer. Use only fine feed-grade or spray-grade AMS because inferior grades of AMS do not dissolve adequately and can plug spray nozzles. BASF does not recommend applying AMS if applied in less than 10 gallons per acre because of potential problems with precipitation in reduced volumes. Use AMS only if it has been demonstrated to be successful in local experience.

Nonionic Surfactant

When required in a tank mix, the standard label recommendation is 1-2 parts of an 80% active nonionic spray surfactant per 100 gallons of water.

Oil Concentrate

The oil concentrate must contain either a petroleum or vegetable oil base and must meet all of the following criteria:

- be nonphytotoxic,
- contain only EPA-exempt ingredients,
- provide good mixing quality in the compatibility test, and
- be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers to provide good mixing quality. Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. For additional information, see **Compatibility Test for Mix Components**.

Some oil concentrates cause excessive leaf burn. Refer to your supplier for information concerning successful local experience before purchasing any oil concentrate.

Urea Ammonium Nitrate (UAN)

Commonly referred to as 28%, 30% or 32% nitrogen solution, UAN may be added in place of other spray additives to improve weed control. 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. Do not use brass or aluminum nozzles when spraying UAN.

Oil Concentrate + Nitrogen Solution

A nonphytotoxic oil concentrate (as referred to above) plus a nitrogen solution (UAN or AMS) can be added to the spray tank with **Galaxy® herbicide**. This combination is recommended for use in areas of low humidity and moderate temperatures when lambsquarters, ragweed, and velvetleaf are to be controlled. Excessive crop injury can occur with this combination in high humidity and high temperature regions. Do not exceed recommended rates and adjust additive rate proportionately to spray volume applied.

Table 3. Additive Rates Per Acre

Additive	Ground Application	Air Application
AMS	2.5 pounds	2.5 pounds
Oil Concentrate	1-2 pints	1 pint
UAN Solution	4-8 pints	4 pints
Oil Concentrate + Nitrogen	0.5-1 pint + 2-4 pints of UAN or 1-2 pounds of AMS	—

Temperature and Relative Humidity Effects

The following standard will help determine the optimum additive rate to use. If the temperature and relative humidity exceed 150 (e.g., temperature of 85° F plus 70% relative humidity = 155), use the lower additive rates.

Table 2. Additive Options for Galaxy Tank Mixes

Additive Options	Nonionic Surfactant (1-2 pints per 100 gallons)	AMS (2.5 pounds) or UAN (4-8 pints per acre)	Crop Oil Concentrate (1-2 pints per acre)	Nonionic Surfactant (1-2 pints per 100 gallons)	Crop Oil Concentrate (1 pint per acre)
				+ AMS (1-2 pounds per acre) or UAN (2-4 pints per acre)	+ AMS (1-2 pounds per acre) or UAN (2-4 pints per acre)
Option A	✓				
Option B		✓			
Option C			✓		
Option D				✓	
Option E					✓

Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of recommended label rate per acre.

- 1) **Water:** — For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.
- 2) **Products in PVA bags:**
Cap the jar and invert 10 cycles.
- 3) **Water-dispersible products:** — (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions) Cap the jar and invert 10 cycles.
- 4) **Water-soluble products:** — such as **Galaxy**. Cap the jar and invert 10 cycles.
- 5) **Emulsifiable concentrates:** — (such as **Poast[®] herbicide**, or oil concentrate when applicable) Cap the jar and invert 10 cycles.
- 6) **Water-soluble additives:** — (AMS or UAN when applicable) Cap the jar and invert 10 cycles.
- 7) Let the solution stand for 15 minutes.
- 8) **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles.

IV. Mixing Order

- 1) **Water:** Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.
- 2) **Agitation:** Maintain constant agitation throughout mixing and application.
- 3) **Products in PVA bags:** Rinse the tank before adding any material in PVA bags as boron residue will prevent adequate mixing. Place the water-soluble PVA bag into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the herbicide is evenly mixed in the spray tank before continuing.
- 4) **Water-dispersible products:** (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
- 5) **Water-soluble products:** such as **Galaxy[®] herbicide**.
- 6) **Emulsifiable concentrates** (such as **Poast[®] herbicide** or oil concentrate when applicable)
- 7) **Water-soluble additives** (AMS or UAN when applicable)
- 8) Remaining quantity water

Maintain constant agitation during application. For more information, refer to section **V. Tank Mixing Application**.

V. General Tank Mixing Information

See section **VII. Crop-Specific Information** for more details. Read and follow the applicable **Restrictions and Limitations and Directions For Use** on all products involved in tank mixing. The most restrictive labeling applies to tank mixes.

Tank Mix Partners/Components

The following herbicides may be tank mixed with **Galaxy** according to the specific tank mixing instructions in this label and respective product labels.

- **Assure[®] II**
- **Classic[®]**
- **Concert[®] SP**
- **FirstRate[®]**
- **Frontier[®] 6.0**
- **Fusilade[®] DX**
- **Fusion[®]**
- **Matador[®]**
- **Pinnacle[®]**
- **Poast[®]**
- **Poast HC**
- **Poast Plus[®]**
- **Pursuit[®]**
- **Raptor[®]**
- **Reliance[®] STS[™]**
- **Resource[®]**
- **Roundup[®] Ultra**
- **Scepter[®]**
- **Select[®]**
- **Skirmish[®]**
- **Synchrony[®] STS[™]**
- **2,4-DB**

BASF does not recommend using tank mixes other than those listed on BASF labeling. Physical incompatibility, reduced weed control, or crop injury may result from mixing **Galaxy** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Local agricultural authorities may be a source of information when using other than BASF recommended tank mixes.

9/2/15

VI. General Restrictions and Limitations - All Crops

- **Maximum seasonal use rate:** Do not apply more than a total of 3 pints of Galaxy® herbicide per acre, per season. Do not apply more than a total of 1.75 pints of Basagran® herbicide or 1.0 pint of Blazer® herbicide after applying 3 pints of Galaxy per acre per season. Do not apply more than a total of 2 pounds of bentazon a.i. (from all sources) per acre, per calendar year. Refer to Table 4 for the maximum rate per acre, per application.
- **Preharvest Interval (PHI): 50 days.**
- **Restricted Entry Interval (REI): 48 hours.**
- Do not use treated forage or hay for feed.
- **Crop Rotation Restriction:** Root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in fields treated with Galaxy for 18 months following treatment.
- In case of crop failure, only peanuts, rice, or soybeans may be immediately replanted.
- **Stress:** Do not apply to weeds or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.
- Do not apply Galaxy 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.
- **Rainfast period:** Rainfall or overhead irrigation soon after application may reduce the effectiveness of Galaxy.
- Do not apply through any type of irrigation equipment.
- This product cannot be used to formulate or reformulate any other pesticide product.

Table 4. Crop-Specific Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)	Maximum Rate Per Acre Per Application	Maximum Rate Per Acre Per Season	Livestock Grazing or Feeding	Aircraft Application
Soybeans	50 days	3 pints*	3 pints*	No	Yes

* Refer to section II. Application Instructions for the recommended use rate.

VII. Crop-Specific Information

Soybeans

To ensure optimum spray coverage of weeds, apply **Galaxy** to small actively growing weeds. Refer to section II, **Application Information and Table 1** for more information.

Galaxy alone

Galaxy: 2 pints
Additive: Option B, C, or E

Soybean Tank Mixes

Galaxy + Assure II

Galaxy: 2 pints
Assure® II herbicide: 5-8 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Galaxy + Classic

Galaxy: 2 pints
Classic: up to 0.75 ounces
Additive: Option D

This tank mix adds or improves control of Florida beggarweed, sicklepod, wild sunflower, and yellow nutsedge.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy** plus **Classic®** herbicide within 60 days of soybean harvest.

Galaxy + Concert SP

Galaxy: 2 pints
Concert SP: up to 0.5 ounce
Additive: Option D

This tank mix adds or improves control of pigweed, common lambsquarters, wild sunflower, and yellow nutsedge.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy** plus **Concert® SP** herbicide within 60 days of soybean harvest.

Galaxy + FirstRate

Galaxy: 2 pints
FirstRate® herbicide: up to 0.3 ounces
Additive: Option D

This tank mix adds or improves control of the following species: common cocklebur, wild sunflower, horseweed (marestail), jimsonweed, morningglory (annual species), Pennsylvania smartweed, ragweed (giant and common), velvetleaf, and Venice mallow.

Galaxy + Frontier 6.0

Galaxy: 2 pints
Frontier 6.0: up to 32 ounces
Additive: Option B or C

Frontier® 6.0 herbicide can be tank mixed with **Galaxy** up to the third trifoliate leaf stage to provide residual control of most annual grasses and certain annual broadleaf weeds.

Tank Mix Specific Restrictions and Limitations:

Frontier 6.0 will not control emerged weeds. If grass weeds are emerged at application time use in combination with herbicides that provide postemergence control of annual grasses such as **Poast® herbicide**.

Galaxy + Frontier 6.0 + Poast

Galaxy: 2 pints
Frontier 6.0: up to 32 ounces
Poast: 1.5 pints
Additive: Option E

This tank mix can be used up to the third trifoliate leaf stage for broad spectrum control of broadleaf weeds and annual grasses, as well as provide residual control of most annual grasses and certain annual broadleaf weeds.

Galaxy + Fusilade DX

Galaxy: 2 pints
Fusilade® DX herbicide: 12 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Galaxy + Fusion

Galaxy: 2 pints
Fusion: 8-10 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses. Use the high rate of **Fusion® herbicide** under heavy grass pressure or when grasses are at maximum height listed on the **Fusion** label.

Galaxy + Matador

Galaxy: 2 pints
Matador® herbicide: 5-8 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Galaxy + Pinnacle

Galaxy: 2 pints
Pinnacle: up to 0.25 ounce
Additive: Option D

This tank mix adds or improves control of pigweed, common lambsquarters, and wild sunflower.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy** plus **Pinnacle®** herbicide within 60 days of soybean harvest.

Galaxy + Poast

Galaxy: 2 pints
Poast: 1.5 pints
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy** plus **Poast** within 75 days of soybean harvest.

Galaxy + Poast HC

Galaxy: 2 pints
Poast HC: 10 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy** plus **Poast HC** within 75 days of soybean harvest.

Galaxy + Poast Plus

Galaxy: 2 pints
Poast Plus: 1.5 pints
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Galaxy** herbicide plus **Poast Plus** herbicide within 75 days of soybean harvest.

Galaxy + Pursuit

Galaxy: 2 pints
Pursuit 2L: 2-4 ounces
or **Pursuit DG:** 0.7-1.4 ounces
Additive: Option D

This tank mix adds or improves postemergence control of black and hairy nightshade, Jerusalem artichoke, kochia, marshelder, pigweed species, wild sunflower and certain annual grasses as listed on the **Pursuit** herbicide label.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Galaxy** plus **Pursuit** within 85 days of soybean harvest.

Galaxy + Raptor

Galaxy: 2 pints
Raptor: 2.5-5 ounces
Additive: Option D

This tank mix adds or improves postemergence control of black and hairy nightshade, Jerusalem artichoke, kochia, pigweed species, wild sunflower and certain annual grasses as listed on the **Raptor** herbicide label.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Galaxy** plus **Raptor** within 85 days of soybean harvest.

Galaxy + Reliance STS SP

Galaxy: 2 pints
Reliance[®] STS[™] SP herbicide: up to 0.25 ounces
Additive: Option D

This tank mix adds or improves control of specific weed species such as pigweed, common cocklebur, common lambsquarters, wild mustard, and wild sunflower.

Tank Mix Specific Restrictions
Do not add oil concentrate to this tank mix for use with soybean varieties other than those designated as STS.

Galaxy + Resource

Galaxy: 2 pints
Resource[®] herbicide: up to 4 ounces
Additive: Option C

This tank mix adds or improves control of velvetleaf.

Galaxy + Roundup Ultra in Roundup Ready[®] Soybeans

Galaxy: 1-2 pints
Roundup Ultra: 1-2 pints
AMS: 8.5-17 pounds/100 gallons

A **Galaxy** plus **Roundup[®] Ultra** herbicide tank mix application in **Roundup Ready[®]** soybeans will improve postemergence control of many broadleaf weeds such as Canada thistle, dayflower, giant ragweed, pigweed species, prickly sida, smartweed, velvetleaf, and yellow nutsedge as well as add control of broadleaf and grass weed species not on the **Galaxy** label.

Galaxy can be tank mixed with **Roundup Ultra** for postemergent applications to soybeans with the **Roundup Ready** gene. This tank mix may be used only over the top of soybean varieties that are designated as soybeans with the **Roundup Ready** gene. Severe injury or death of soybeans will result if any soybean varieties not designated as having the **Roundup Ready** gene are sprayed with this product. Avoid contact with foliage, green stems, or fruit crops, or any desirable plants and trees, other than soybeans with the **Roundup Ready** gene as severe injury or destruction will result.

Refer to the **Roundup Ultra** label for information regarding off-target movement of **Roundup Ultra**.

Specific Restrictions and Limitations
~~Do not allow the **Galaxy** plus **Roundup Ultra** to mist, drip, drift or splash onto desirable vegetation as minute quantities of the tank mix can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from drift of this product is greatest when winds are gusty or in excess of 5 miles per hour. Even under lesser wind velocities, avoid conditions that allow spray drift to occur such as combinations of spray pressure and nozzle type that will result in fine particles (mist) that are likely to drift.~~

Galaxy + Scepter

Galaxy: 2 pints
Scepter 1.5L: 0.33-0.67 pint
or **Scepter 70 DG:** 1.4-2.8 ounces
Additive: Option D

This tank mix improves control of cocklebur, wild sunflower, and pigweed species.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Galaxy** plus **Scepter[®]** herbicide within 90 days of soybean harvest.

Galaxy + Select

Galaxy: 2 pints
Select: 6-8 ounces
Additive: Option E

This tank mix can be used for broad spectrum control of broadleaf weeds and annual grasses.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Galaxy** plus **Select[®]** herbicide within 75 days of soybean harvest.

Galaxy + Skirmish

Galaxy: 2 pints
Skirmish: up to 0.75 ounces
Additive: Option D

This tank mix adds or improves control of bristly starbur, Florida beggarweed, sicklepod, and wild sunflower.

Tank Mix Specific Restrictions and Limitations:
Do not apply a tank mix of **Storm** plus **Skirmish[®]** herbicide within 60 days of soybean harvest.

Galaxy + Synchrony STS

Galaxy: 2 pints
Synchrony STS 25 DF: up to 0.85 ounce
Synchrony STS 42 DF: up to 0.5 ounce
Synchrony STS SP: up to 0.5 ounce
Additive: Option D

Synchrony[®] STS[™] herbicide can be tank mixed with **Galaxy** to add or improve control of common lambsquarters, pigweed, wild sunflower, and yellow nutsedge. This tank mix is only to be used on soybean varieties designated as **STS**. Application to soybean

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varieties not designated as STS will result in severe crop injury or yield loss.

Galaxy + 2,4-DB

Galaxy: 2 pints

Butyrac® 200

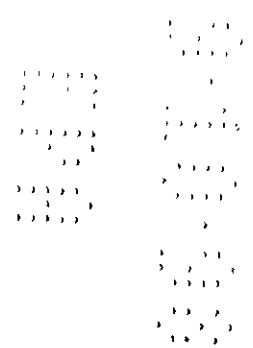
or Butoxone® herbicide: 1-2 fluid ounces

Additive: Option A

This tank mix improves postemergence control of pigweed species and annual morningglory species. To control velvetleaf, add 1 quart of 28% UAN to the tank mix. This will cause soybean foliage injury such as burning, bronzing, or crinkling and may reduce yields.

Tank Mix Specific Restrictions and Limitations:

Do not apply a tank mix of **Galaxy® herbicide** plus 2,4-DB within 60 days of soybean harvest.



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Crops:

This product can be used on the following crops:

Soybeans

Look inside for complete **Restrictions and Limitations and Application Instructions.**

Weeds listed in this label:

Common Name	Scientific Name
Anoda, Spurred	<i>Anoda cristata</i>
Beggarticks	<i>Bidens frondosa</i>
Buckwheat, Wild	<i>Polygonum convolvulus</i>
Butterprint (see Velvetleaf)	<i>Abutilon theophrasti</i>
Buttonwood (see Velvetleaf)	<i>Abutilon theophrasti</i>
Cocklebur	<i>Xanthium strumarium</i>
Dayflower	<i>Commelina</i> spp.
Devilsclaw	<i>Proboscidea louisianica</i>
Galinsoga	<i>Galinsoga</i> spp.
Jimsonweed	<i>Datura stramonium</i>
Ladysthumb	<i>Polygonum persicaria</i>
Lambsquarters, Common	<i>Chenopodium album</i>
Mallow, Venice	<i>Hibiscus trionum</i>
Morningglory, Common (tall)	<i>Ipomoea purpurea</i>
, Cypressvine	<i>Ipomoea quamoclit</i>
, Entireleaf	<i>Ipomoea hederacea</i>
, Ivyleaf	<i>Ipomoea hederacea</i>
, Palmleaf	<i>Ipomoea wrightii</i>
, Pitted	<i>Ipomoea lacunosa</i>
, Purple Moonflower	<i>Ipomoea muricata</i>
, Smallflower	<i>Jacquemontia tamnifolia</i>
Mustard, Wild	<i>Sinapsis arvensis</i>
Nightshade, Black	<i>Solanum nigrum</i>
, Eastern Black	<i>Solanum ptycanthum</i>
Nutsedge, Yellow	<i>Cyperus esculentus</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
, Smooth	<i>Amaranthus hybridus</i>
Poinsettia, Wild	<i>Euphorbia heterophylla</i>
Purslane, Common	<i>Portulaca oleracea</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
, Giant	<i>Ambrosia trifida</i>
Redweed	<i>Melochia corchorifolia</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Sida, Prickly or Teaweed	<i>Sida spinosa</i>
Smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>
Starbur, Bristly	<i>Acanthospermum hispidum</i>
Sunflower, Wild	<i>Helianthus annuus</i>
Thistle, Canada	<i>Cirsium arvense</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Waterhemp, Common	<i>Amaranthus rudis</i>
, Tall	<i>Amaranthus tuberculatus</i>

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 should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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. 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. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, 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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Additional Information

For additional information, call BASF's **CommServ**® at 1-800-874-0081.

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