



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

MAR 3 - 1994

Karen R. Blundell
BASF CORP
AGRICULTURAL PRODUCTS
BOX 13528
RESEARCH TRIANGLE PARK, NC 27709

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/20/93 in Response to PR Notice 93-7
EPA Reg. No. 7969-77
GALAXY HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

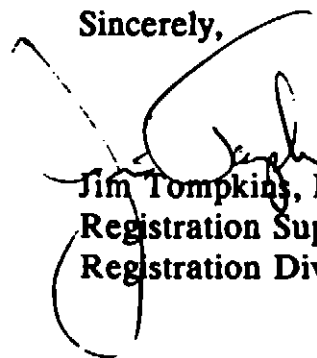
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

GalaxyTM

herbicide

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Postemergence Herbicide

For broad spectrum weed control in soybeans.

A soluble liquid formulation containing:

Active Ingredients*

Sodium salt of bentazon: sodium (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 3.00 pounds per gallon bentazon: 3-(isopropyl)-1H-2,1,3-benzothiadiazin-4 (3H)-one 2, 2-dioxide and 0.67 pounds per gallon of sodium acifluorfen: sodium 5-[2-chloro-4-(trifluoromethyl) phenoxy]-2-nitrobenzoate.

EPA Reg. No. 7969-77

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 this label, find someone to explain it to you in detail).

Statement of Practical Treatment

If in eyes: Flush with large amounts of water for at least 15 minutes. Get medical attention. If on skin: Wash with plenty of soap and water. Consult a physician if irritation persists. If swallowed: Dilute by giving 2 glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.
Note to physician: Emesis is recommended.

See inside booklet for complete Precautionary Statements, Directions for Use and Conditions of Sale and Warranty.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Net contents 2 1/2 gallons

BASF Corporation
PO Box 13528, Research Triangle Park, NC 27709

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 3 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7969-77

Specimen Label

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger

Causes eye damage. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes. Avoid breathing vapor or spray mist and contact with skin or clothing. May cause allergic skin response.

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 reuse them. Follow manufacturer's 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.

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.

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
- waterproof gloves
- shoes plus socks
- protective eyewear.

Storage and Disposal

Keep from freezing. Store above 40°F.

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or 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. Refillable/reusable containers must be thoroughly cleaned before refilling.

In Case of Emergency

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

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

In case of medical emergency regarding this product, call:

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

Steps to be taken in case material is released or spilled. Dike and contain 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 spill out of all sewers and open bodies of water.

General Information

Galaxy™ herbicide is intended for selective postemergence control of certain broadleaf weeds. Galaxy is effective mainly through contact action; therefore, weeds must be thoroughly covered with spray. Galaxy may cause some soybean leaf-speckling and leaf-bronzing to occur under certain conditions. (See Restrictions and Limitations).

Timing of Applications

Make postemergence applications of Galaxy early, when weeds are small and actively growing and before weeds reach the maximum size listed in the Application Rate Table. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Water Volume and Spray Pressure

Apply recommended rates of Galaxy as follows:

Ground Equipment: Use a minimum of 20 gallons of water per broadcast acre and a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line). When crop and weed foliage is dense use up to 50 gallons of water and up to 80 psi pressure. Use standard high pressure pesticide hollow cone for flat fan nozzles spaced 20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles.

Air Equipment: Use 5-10 gallons of water per acre and a maximum of 40 psi pressure. Use only diaphragm-type nozzles producing cone or fan spray patterns.

Aerial Application - Special Directions and Restrictions

To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Height: Nozzles must be oriented so as 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 not be located farther out than three-fourths

the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply Galaxy by aircraft when wind is blowing at a velocity above 10 mph. Coarse sprays (larger droplets) 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.

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.

Spray Additives

Additives are needed with Galaxy to achieve consistent weed control. Either crop oil concentrate, urea ammonium nitrate (UAN), or ammonium sulfate are recommended. Directions for use follow.

Oil Concentrate

A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) can be added to the spray tank with Galaxy.

The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria: 1) be nonphytotoxic, 2) contain only EPA-exempt ingredients, 3) provide good mixing quality in the jar test, and 4) prove

beneficial in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers which provide good mixing quality. For vegetable oil concentrates, it has been observed that highly refined vegetable oils are more satisfactory than unrefined vegetable oils. For additional information see Jar Test for Estimating Suitability of Oil Concentrates at the end of this section.

With the addition of oil concentrate to Galaxy on soybeans, some leaf burn may occur, but generally all new growth is normal and crop vigor is not reduced. The potential for leaf burn is increased when relative humidity and temperatures are high. A few oil concentrates have exhibited excess leaf burn. Refer to your supplier for information concerning successful local experience prior to purchasing any oil concentrate.

Rate of Oil Concentrate:

Ground application - 2 pints/acre (maximum).

Air application - 1 pint/acre (maximum).

Jar Test for Estimating Suitability of Oil Concentrates

1. Water Supply:

Use only water from intended source and at the source temperature.

2. Amount of Water in Jar:

For 20 gal/A Spray volume use 3 1/2 cups (800 ml) of water.

For 10 gal/A spray volume use 1 1/2 cups (400 ml) of water.

For other spray volumes, adjust proportionately to above.

3. Amount of Galaxy and oil concentrate to add:

Add herbicide and oil concentrate at the rate of 1 teaspoon (5 ml) for each pint of recommended label rate.

4. Add components in the following sequence, gently mixing between component addition:

1. Galaxy
2. Oil Concentrate

5. Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.

6. Evaluation:

An ideal tank mix combination will be uniform; thus, the suitability of the oil concentrate is questionable if any of the following are observed:

Free oil at the surface - film or globules.

Flocculation - fine particles which may be suspended in the liquid or found as a precipitated layer at the bottom of the jar.

Clabbering - thickening texture (coagulated) resembling yogurt or a curdlike texture as with cottage cheese.

Urea Ammonium Nitrate (UAN) or Ammonium Sulfate

For improved velvetleaf control in soybeans, a UAN solution (commonly referred to as 28%, 30%, or 32% nitrogen solution) or ammonium sulfate may be added in place of crop oil concentrate. UAN and ammonium sulfate are agricultural grade used by dealers for agricultural applications.

With the addition of UAN or ammonium sulfate, a leaf burn on soybeans may occur, but the new growth is normal and crop vigor is not reduced. Refer to your supplier of Galaxy for information concerning successful local experience prior to using UAN or ammonium sulfate. Do not use brass or aluminum nozzles when spraying with UAN or ammonium sulfate.

Use Rate for UAN or Ammonium Sulfate

Ground Application:

UAN ½ - 1 gallon per acre.
Ammonium sulfate - 2.5 lbs. per acre.

Air Application:

UAN ½ - 1 gallon per acre.
Ammonium sulfate - BASF does not recommend the application of ammonium sulfate if applied in less than 10 gallons per acre due to potential problems with precipitation in reduced volumes. Ammonium sulfate can be applied by air at 2.5 lbs per acre if the application is made in more than 10 gallons per acre of total solution. Use ammonium sulfate only if it has been demonstrated to be successful in local experience.

Mixing/Spraying

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add Galaxy; allow to mix thoroughly. Add spray additive and remaining volume of water. Maintain constant agitation during application.

Oil Concentrate Plus 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. 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 gallonage applied.

Ground Application: Oil concentrate* 0.25% volume/volume (2 pts. per 100 gallons spray solution) plus

Nitrogen Solution:
UAN - 2.5% volume/volume (2½ gallons per 100 gallons spray solution). AMS - 6¼ lbs/100 gals. spray solution (1.25 lbs/A 20 gals/A).

*A nonionic surfactant can be substituted for oil concentrate.

Application Rate Table

Applications of Galaxy™ herbicide should be made when weeds are small and actively growing and before weeds reach the maximum size listed below. Such applications generally correspond to the soybean growth stages of unifoliate to two expanded trifoliate leaves. Soybeans may experience slight yellowing, bronzing, speckling, or burning of leaves under certain conditions. Soybean plants generally out grow this condition within 10 days.

Weeds Controlled	Application Rates for Weed Growth Stages			
	Leaf Stage Up To	Maximum Height ^a	Rate of Galaxy Per Acre	Spray Additive Rate/A
Anoda, Spurred	6	3"	2 pints	See page 3 for details. 1-2 pints oil concentrate or if velvetleaf is the primary weed target and lambsquarters or common ragweed are not a problem, use either 1/2 to 1 gallon UAN or 2.5 lbs. ammonium sulfate in place of oil concentrate or 0.25% v/v oil concentrate plus 2.5% v/v UAN ^{**} .
Beggarticks	6	6"		
Buckwheat, Wild	4	3"		
Cocklebur ^a	6	6"		
Dayflower	6	4"		
Devilsclaw ^b	6	3"		
Galinsoga ^b	6	2"		
Jimsonweed	6	6"		
Ladysthumb	6	6"		
Lambsquarters, Common ^b	6	2"		
Mallow, Venice	6	4"		
Morningglories ^c	4	2"		
Mustard, Wild	6	4"		
Nightshade, Black	2	<2"		
Nutsedge, Yellow ^b	---	6-8"		
Pigweed, Redroot	4	2"		
Pigweed, Smooth	4	2"		
Poinsettia, Wild	4	4"		
Purslane, Common	4	1"		
Ragweed, Common	6	3"		
Ragweed, Giant	4	6"		
Redweed	6	6"		
Shepherdspurse ^d	6	4"		
Sida, Prickly or Teaweed	6	3"		
Smartweed, Pennsylvania	6	6"		
Starbur, Bristly	4	2"		
Sunflower, Wild	4	5"		
Thistle, Canada ^b	---	8" to bud stage		
Velvetleaf	6	5"		
Waterhemp, Tall	4	2"		

^a Do not treat earlier than leaf stage shown and do not count cotyledon leaves.
^b Control may be inconsistent with this rate of Galaxy. A later application of Basagran® herbicide may be necessary (see label for Basagran).
^c Control may be partial or inconsistent with this rate of Galaxy. A later application of Blazer® herbicide may be necessary (see label for Blazer).
^d Do not treat rosette before seed stalk appears.
 The rate of Galaxy may be increased to a maximum of 3 pints/acre (for weed suppression) when weed height exceeds recommended heights listed.
^{**} AMS may be used in place of UAN. A nonionic surfactant containing at least 80% active ingredient may be used in place of oil concentrate (see section entitled Spray Additives).

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Restrictions and Limitations

Do not apply more than a total of 3 pints of Galaxy per acre per season. Do not apply more than 1 1/2 pints of Basagran or 1.0 pint of Blazer following an application of 3 pints of Galaxy per acre per season.

Do not apply Galaxy to soybeans that have been subject to stress conditions such as hail damage, flooding, drought, injury from other herbicides, or widely fluctuating temperatures, as crop injury may result.

Do not apply Galaxy to soybeans that show injury (leaf phytotoxicity and/or other prior herbicide applications, because this injury may be enhanced and/or prolonged.

Do not apply Galaxy during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result. Rainfall or overhead irrigation soon after application may decrease the effectiveness of Galaxy.

Physical incompatibility, reduced weed control, or crop injury may result from mixing Galaxy with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. BASF does not recommend the use of Galaxy tank mixes other than those listed on BASF labels, supplemental labels, or other technical information bulletins. Local agricultural authorities

may be a source of information when using other than BASF-approved tank mixes.

Do not apply Galaxy within 50 days of soybean harvest.

Root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in fields treated with Galaxy for a period of 18 months following treatment.

In case of crop failure, only peanuts or soybeans may be immediately replanted.

Do not use treated plants for feed or forage.

Do not apply Galaxy through any type of irrigation equipment.

Tank Mix Applications for Soybeans

Always read and follow all label directions when using Galaxy alone or in tank mix combinations. The most restrictive labeling of either product used applies in tank mixes.

Galaxy + 2,4-DB Tank Mix in Soybeans

Galaxy may be tank mixed with 2 fl oz/A of 2,4-DB (Butyrac[®] 200 or Buxtone[®]) for improved postemergence control of pigweed species and annual morningglory species.

The Galaxy + 2,4-DB tank mix should be applied to actively

growing weeds that have not been subjected to environmental stress.

An 80% active nonionic spray surfactant can be used at a rate of 1 pt/100 gallons of spray solution. The addition of a nonionic spray surfactant can increase the hormonal crop response of 2,4-DB. Crop oil concentrate, urea ammonium nitrate (UAN) or ammonium sulfate should not be used in this tank mix.

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy + Pinnacle[®] Tank Mix in Soybeans

Galaxy can be tank mixed with up to 1/4 oz/A of Pinnacle for improved postemergence control of pigweed, lambsquarters and wild sunflower.

Adjuvants are needed with the Galaxy plus Pinnacle tank mix to achieve consistent postemergence weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons of water plus 1/2 - 1 gallon per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy + Classic® Tank Mix in Soybeans

Galaxy can be tank mixed with ½ to ¾ ounce per acre of Classic for improved or additional postemergence control of Florida beggarweed, sicklepod, sunflower, and yellow nutsedge. Adjuvants are needed with the Galaxy plus Classic tank mix to achieve consistent postemergence weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons of spray mixture plus ½ - 1 gallon per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy and Scepter® Tank Mix in Soybeans

Galaxy may be tank mixed with Scepter 1.5 EC or Scepter 70 DG for improved control of cocklebur, wild sunflower, and pigweed species. The Galaxy + Scepter tank mix should be applied to actively-growing weeds at the recommended growth stages.

Adjuvants are needed with the Galaxy+Scepter tank mix to achieve consistent postemergence weed control.

The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons plus 1-2 quarts per acre of a nitrogen-based fertilizer (such as 28% to 32% urea ammonium nitrate).

Galaxy + Pursuit® Tank Mix in Soybeans

Galaxy may be tank mixed with 2-4 ounces per acre of Pursuit for improved postemergence control of pigweed species and sunflower. This tank mix offers the additional control of hairy nightshade, Jerusalem artichoke, marshelder, kochia, and certain grasses as per the Pursuit label.

Adjuvants are needed with the Galaxy plus Pursuit tank mix to achieve consistent postemergent weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons plus 1-2 quarts per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Tank Mix Use Precautions

Read and follow the Restrictions and Limitations of all products used in a tank mix. The most restrictive labeling applies in tank mixes.

Do not apply Galaxy alone or in tank mixes to soybeans that have been subject to stress conditions such as hail damage, flooding, drought, injury from other pesticides, or widely fluctuating temperatures, as crop injury may result.

Observe all geographic and recropping restrictions of the respective herbicide used in tank mix with Galaxy.

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

Do not apply tank mix of Galaxy plus Pinnacle within 60 days of soybean harvest.

Do not apply tank mix of Galaxy plus Classic within 60 days of soybean harvest.

Do not apply tank mix of Galaxy plus Pursuit within 85 days of soybean harvest.

Appendix

The following are scientific names for the weeds listed in this section. For specific recommendations on control of these weeds, refer to the Application Rate Table.

Broadleaf Weeds

Common Name	Scientific Name
Anoda, Spurred	<i>Anoda cristata</i>
Beggarticks	<i>Bidens frondosa</i>
Buckwheat, Wild	<i>Polygonum convolvulus</i>
Buttonweed (see Velvetleaf)	---
Butterprint (see Velvetleaf)	---
Cocklebur	<i>Xanthium strumarium</i>
Dayflower	<i>Commelina spp.</i>
Devilsclaw	<i>Proboscidea louisianica</i>
Galinsoga	<i>Galinsoga spp.</i>
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 laucunosa</i>
,Purple Moonflower	<i>Ipomoea muricata</i>
,Smallflower	<i>Jacquemontia tamnifolia</i>
Mustard, Wild	<i>Sinapsis arvensis</i>
Nightshade, Black	<i>Solanum nigrum</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
,Smooth	<i>Amaranthus hybridis</i>
Poinsettia, Wild	<i>Euphorbia heterophylla</i>
Purslane, Common	<i>Portulaca orleracea</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
,Giant	<i>Ambrosia trifida</i>
Redweed	<i>Nelochia 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, Tall	<i>Amaranthus tuberculatus</i>

Sedges

Common Name	Scientific Name
Nutsedge, Yellow	<i>Cyperus esculentus</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 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.

Basagran is a registered trademark of BASF AG.

Galaxy is a trademark and Blazer is a registered trademark of BASF Corporation.

Buxtone is a registered trademark of Coder Chemical Corporation.

Butyree is a registered trademark of Rhone-Poulenc Ag Products Company.

Classic and Pinnacle are registered trademarks of E.I. duPont de Nemours and Company, Incorporated.

Pursuit and Sceptor are registered trademarks of American Cyanamid Company.

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BASF Corporation
PO Box 13528
Research Triangle Park, NC 27709

BASF

PM (25 7969-77

PM 25
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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

MAR 3 - 1994

**OFFICE OF
PREVENTION, PESTICIDES AND
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**Karen R. Blundell
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- AND**
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contains at least 50% recycled fiber

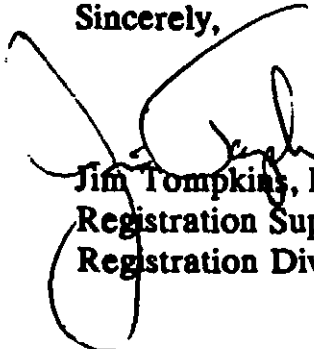
Submit the final printed labeling via the U.S. Postal Service to:

**Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001**

Hand or courier deliveries of final printed labeling may be made to:

**Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202**

Sincerely,



**Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)**

Attachment

3 9 13

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Karen R Blundell
BASF CORP
AGRICULTURAL PRODUCTS
BOX 13528
RESEARCH TRIANGLE PARK NC 27709

Comment for: EPA Reg Nr.7969-77
GALAXY HERBICIDE

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

GalaxyTM

herbicide

Postemergence Herbicide

For broad spectrum weed control in soybeans.

A soluble liquid formulation containing:

Active Ingredients*

Sodium salt of bentazon: sodium (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 3.00 pounds per gallon bentazon: 3-(isopropyl)-1H-2,1,3-benzothiadiazin-4 (3H)-one 2, 2-dioxide and 0.67 pounds per gallon of sodium acifluorfen: sodium 5-[2-chloro-4-(trifluoromethyl) phenoxy]-2-nitrobenzoate.

EPA Reg. No. 7969-77

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 this label, find someone to explain it to you in detail).

Statement of Practical Treatment

If in eyes: Flush with large amounts of water for at least 15 minutes. Get medical attention. If on skin: Wash with plenty of soap and water. Consult a physician if irritation persists. If swallowed: Dilute by giving 2 glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

Note to physician: Emesis is recommended.

See inside booklet for complete Precautionary Statements, Directions for Use and Conditions of Sale and Warranty.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Net contents 2½ gallons

BASF Corporation
PO Box 13528, Research Triangle Park, NC 27709

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 3 1994

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

7969-77

Specimen Label

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger

Causes eye damage. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes. Avoid breathing vapor or spray mist and contact with skin or clothing. May cause allergic skin response.

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 reuse them. Follow manufacturer's 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.

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.

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
- waterproof gloves
- shoes plus socks
- protective eyewear.

Storage and Disposal

Keep from freezing. Store above 40°F.

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

delete

Container Disposal

Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or 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. Refillable/reusable containers must be thoroughly cleaned before refilling.

In Case of Emergency

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

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

In case of medical emergency regarding this product, call:

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

Steps to be taken in case material is released or spilled. Dike and contain 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 spill out of all sewers and open bodies of water.

General Information

Galaxy™ herbicide is intended for selective postemergence control of certain broadleaf weeds. Galaxy is effective mainly through contact action; therefore, weeds must be thoroughly covered with spray. Galaxy may cause some soybean leaf-speckling and leaf-bronzing to occur under certain conditions. (See Restrictions and Limitations).

Timing of Applications

Make postemergence applications of Galaxy early, when weeds are small and actively growing and before weeds reach the maximum size listed in the Application Rate Table. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control.

Water Volume and Spray Pressure

Apply recommended rates of Galaxy as follows:

Ground Equipment: Use a minimum of 20 gallons of water per broadcast acre and a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line). When crop and weed foliage is dense use up to 50 gallons of water and up to 80 psi pressure. Use standard high pressure pesticide hollow cone for flat fan nozzles spaced 20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles.

Air Equipment: Use 5-10 gallons of water per acre and a maximum of 40 psi pressure. Use only diaphragm-type nozzles producing cone or fan spray patterns.

Aerial Application - Special Directions and Restrictions

To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Height: Nozzles must be oriented so as 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 not be located farther out than three-fourths

the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply Galaxy by aircraft when wind is blowing at a velocity above 10 mph. Coarse sprays (larger droplets) 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.

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.

Spray Additives

Additives are needed with Galaxy to achieve consistent weed control. Either crop oil concentrate, urea ammonium nitrate (UAN), or ammonium sulfate are recommended. Directions for use follow.

Oil Concentrate

A nonphytotoxic oil concentrate (commonly referred to as oil concentrate) can be added to the spray tank with Galaxy.

The oil concentrate must contain either a petroleum or vegetable oil base and must meet the following criteria: 1) be nonphytotoxic, 2) contain only EPA-exempt ingredients, 3) provide good mixing quality in the jar test, and 4) prove

beneficial in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers which provide good mixing quality. For vegetable oil concentrates, it has been observed that highly refined vegetable oils are more satisfactory than unrefined vegetable oils. For additional information see Jar Test for Estimating Suitability of Oil Concentrates at the end of this section.

With the addition of oil concentrate to Galaxy on soybeans, some leaf burn may occur, but generally all new growth is normal and crop vigor is not reduced. The potential for leaf burn is increased when relative humidity and temperatures are high. A few oil concentrates have exhibited excess leaf burn. Refer to your supplier for information concerning successful local experience prior to purchasing any oil concentrate.

Rate of Oil Concentrate:

Ground application - 2 pints/acre (maximum).

Air application - 1 pint/acre (maximum).

Jar Test for Estimating Suitability of Oil Concentrates

1. Water Supply:

Use only water from intended source and at the source temperature.

2. Amount of Water in Jar:

For 20 gal/A Spray volume use 3 1/2 cups (800 ml) of water.

For 10 gal/A spray volume use 1 1/2 cups (400 ml) of water.

For other spray volumes, adjust proportionately to above.

3. Amount of Galaxy and oil concentrate to add:

Add herbicide and oil concentrate at the rate of 1 teaspoon (5 ml) for each pint of recommended label rate.

4. Add components in the following sequence, gently mixing between component addition:

1. Galaxy
2. Oil Concentrate

5. Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.

6. Evaluation:

An ideal tank mix combination will be uniform; thus, the suitability of the oil concentrate is questionable if any of the following are observed:

Free oil at the surface - film or globules.

Flocculation - fine particles which may be suspended in the liquid or found as a precipitated layer at the bottom of the jar.

Clabbering - thickening texture (coagulated) resembling yogurt or a curdlike texture as with cottage cheese.

Urea Ammonium Nitrate (UAN) or Ammonium Sulfate

For improved velvetleaf control in soybeans, a UAN solution (commonly referred to as 28%, 30%, or 32% nitrogen solution) or ammonium sulfate may be added in place of crop oil concentrate. UAN and ammonium sulfate are agricultural grade used by dealers for agricultural applications.

With the addition of UAN or ammonium sulfate, a leaf burn on soybeans may occur, but the new growth is normal and crop vigor is not reduced. Refer to your supplier of Galaxy for information concerning successful local experience prior to using UAN or ammonium sulfate. Do not use brass or aluminum nozzles when spraying with UAN or ammonium sulfate.

Use Rate for UAN or Ammonium Sulfate

Ground Application:

UAN ½ - 1 gallon per acre.
Ammonium sulfate - 2.5 lbs. per acre.

Air Application:

UAN ½ - 1 gallon per acre.
Ammonium sulfate - BASF does not recommend the application of ammonium sulfate if applied in less than 10 gallons per acre due to potential problems with precipitation in reduced volumes. Ammonium sulfate can be applied by air at 2.5 lbs per acre if the application is made in more than 10 gallons per acre of total solution. Use ammonium sulfate only if it has been demonstrated to be successful in local experience.

Mixing/Spraying

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add Galaxy; allow to mix thoroughly. Add spray additive and remaining volume of water. Maintain constant agitation during application.

Oil Concentrate Plus 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. 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 gallonage applied.

Ground Application: Oil concentrate* 0.25% volume/volume (2 pts. per 100 gallons spray solution)

plus

Nitrogen Solution:

UAN - 2.5% volume/volume (2½ gallons per 100 gallons spray solution). AMS - 6¼ lbs/100 gals. spray solution (1.25 lbs/A 20 gals/A).

*A nonionic surfactant can be substituted for oil concentrate.

Application Rate Table

Applications of Galaxy™ herbicide should be made when weeds are small and actively growing and before weeds reach the maximum size listed below. Such applications generally correspond to the soybean growth stages of unifoliate to two expanded trifoliate leaves. Soybeans may experience slight yellowing, bronzing, speckling, or burning of leaves under certain conditions. Soybean plants generally out grow this condition within 10 days.

Weeds Controlled	Application Rates for Weed Growth Stages			
	Leaf Stage Up To	Maximum Height*	Rate of Galaxy Per Acre	Spray Additive Rate/A
Anoda, Spurred	6	3"	2 pints	See page 3 for details. 1-2 pints oil concentrate or if velvetleaf is the primary weed target and lambsquarters or common ragweed are not a problem, use either 1/2 to 1 gallon UAN or 2.5 lbs. ammonium sulfate in place of oil concentrate or 0.25% v/v oil concentrate plus 2.5% v/v UAN**
Beggarticks	6	6"		
Buckwheat, Wild	4	3"		
Cocklebur ^a	6	6"		
Dayflower	6	4"		
Devilsclaw ^b	6	3"		
Galinsoga ^b	6	2"		
Jimsonweed	6	6"		
Ladysthumb	6	6"		
Lambsquarters, Common ^b	6	2"		
Mallow, Venice	6	4"		
Morningglories ^c	4	2"		
Mustard, Wild	6	4"		
Nightshade, Black	2	<2"		
Nutsedge, Yellow ^b	---	6-8"		
Pigweed, Redroot	4	2"		
Pigweed, Smooth	4	2"		
Poinsettia, Wild	4	4"		
Purslane, Common	4	1"		
Ragweed, Common	6	3"		
Ragweed, Giant	4	6"		
Redweed	6	6"		
Shepherdspurse ^d	6	4"		
Sida, Prickly or Teaweed	6	3"		
Smartweed, Pennsylvania	6	6"		
Starbur, Bristly	4	2"		
Sunflower, Wild	4	5"		
Thistle, Canada ^b	---	8" to bud stage		
Velvetleaf	6	5"		
Waterhemp, Tall	4	2"		

* Do not treat earlier than leaf stage shown and do not count cotyledon leaves.
^b Control may be inconsistent with this rate of Galaxy. A later application of Basagran® herbicide may be necessary (see label for Basagran).
^c Control may be partial or inconsistent with this rate of Galaxy. A later application of Blazer® herbicide may be necessary (see label for Blazer).
^d Do not treat rosette before seed stalk appears.
 The rate of Galaxy may be increased to a maximum of 3 pints/acre (for weed suppression) when weed height exceeds recommended heights listed.
 ** AMS may be used in place of UAN. A nonionic surfactant containing at least 80% active ingredient may be used in place of oil concentrate (see section entitled Spray Additives).

Restrictions and Limitations

Do not apply more than a total of 3 pints of Galaxy per acre per season. Do not apply more than 1 1/2 pints of Basagran or 1.0 pint of Blazer following an application of 3 pints of Galaxy per acre per season.

Do not apply Galaxy to soybeans that have been subject to stress conditions such as hail damage, flooding, drought, injury from other herbicides, or widely fluctuating temperatures, as crop injury may result.

Do not apply Galaxy to soybeans that show injury (leaf phytotoxicity and/or other prior herbicide applications, because this injury may be enhanced and/or prolonged.

Do not apply Galaxy during prolonged periods of drought or during unseasonably cold weather, as unsatisfactory weed control may result. Rainfall or overhead irrigation soon after application may decrease the effectiveness of Galaxy.

Physical incompatibility, reduced weed control, or crop injury may result from mixing Galaxy with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. BASF does not recommend the use of Galaxy tank mixes other than those listed on BASF labels, supplemental labels, or other technical information bulletins. Local agricultural authorities

may be a source of information when using other than BASF-approved tank mixes.

Do not apply Galaxy within 50 days of soybean harvest.

Root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in fields treated with Galaxy for a period of 18 months following treatment.

In case of crop failure, only peanuts or soybeans may be immediately replanted.

Do not use treated plants for feed or forage.

Do not apply Galaxy through any type of irrigation equipment.

Tank Mix Applications for Soybeans

Always read and follow all label directions when using Galaxy alone or in tank mix combinations. The most restrictive labeling of either product used applies in tank mixes.

Galaxy + 2,4-DB Tank Mix in Soybeans

Galaxy may be tank mixed with 2 fl oz/A of 2,4-DB (Butyrac[®] 200 or Buxtone[®]) for improved postemergence control of pigweed species and annual morningglory species.

The Galaxy + 2,4-DB tank mix should be applied to actively

growing weeds that have not been subjected to environmental stress.

An 80% active nonionic spray surfactant can be used at a rate of 1 pt/100 gallons of spray solution. The addition of a nonionic spray surfactant can increase the hormonal crop response of 2,4-DB. Crop oil concentrate, urea ammonium nitrate (UAN) or ammonium sulfate should not be used in this tank mix.

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy + Pinnacle[®] Tank Mix in Soybeans

Galaxy can be tank mixed with up to 1/4 oz/A of Pinnacle for improved postemergence control of pigweed, lambsquarters and wild sunflower.

Adjuvants are needed with the Galaxy plus Pinnacle tank mix to achieve consistent postemergence weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons of water plus 1/2 - 1 gallon per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy + Classic® Tank Mix in Soybeans

Galaxy can be tank mixed with ½ to ¾ ounce per acre of Classic for improved or additional postemergence control of Florida beggarweed, sicklepod, sunflower, and yellow nutsedge. Adjuvants are needed with the Galaxy plus Classic tank mix to achieve consistent postemergence weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons of spray mixture plus ½ - 1 gallon per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Galaxy and Scepter® Tank Mix in Soybeans

Galaxy may be tank mixed with Scepter 1.5 EC or Scepter 70 DG for improved control of cocklebur, wild sunflower, and pigweed species. The Galaxy + Scepter tank mix should be applied to actively-growing weeds at the recommended growth stages.

Adjuvants are needed with the Galaxy + Scepter tank mix to achieve consistent postemergence weed control.

The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons plus 1-2 quarts per acre of a nitrogen-based fertilizer (such as 28% to 32% urea ammonium nitrate).

Galaxy + Pursuit® Tank Mix in Soybeans

Galaxy may be tank mixed with 2-4 ounces per acre of Pursuit for improved postemergence control of pigweed species and sunflower. This tank mix offers the additional control of hairy nightshade, Jerusalem artichoke, marshelder, kochia, and certain grasses as per the Pursuit label.

Adjuvants are needed with the Galaxy plus Pursuit tank mix to achieve consistent postemergent weed control. The standard label recommendation is one to two pints of an 80% active nonionic spray surfactant per 100 gallons plus 1-2 quarts per acre of a nitrogen-based liquid fertilizer (such as 28% to 32% urea ammonium nitrate).

Refer to the soybean Tank Mix Use Precautions section for additional information.

Tank Mix Use Precautions

Read and follow the Restrictions and Limitations of all products used in a tank mix. The most restrictive labeling applies in tank mixes.

Do not apply Galaxy alone or in tank mixes to soybeans that have been subject to stress conditions such as hail damage, flooding, drought, injury from other pesticides, or widely fluctuating temperatures, as crop injury may result.

Observe all geographic and recropping restrictions of the respective herbicide used in tank mix with Galaxy.

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

Do not apply tank mix of Galaxy plus Pinnacle within 60 days of soybean harvest.

Do not apply tank mix of Galaxy plus Classic within 60 days of soybean harvest.

Do not apply tank mix of Galaxy plus Pursuit within 85 days of soybean harvest.

Appendix

The following are scientific names for the weeds listed in this section. For specific recommendations on control of these weeds, refer to the Application Rate Table.

Broadleaf Weeds

Common Name	Scientific Name
Anoda, Spurred	<i>Anoda cristata</i>
Beggarticks	<i>Bidens frondosa</i>
Buckwheat, Wild	<i>Polygonum convolvulus</i>
Buttonweed (see Velvetleaf)	—
Butterprint (see Velvetleaf)	—
Cocklebur	<i>Xanthium strumarium</i>
Dayflower	<i>Commelina spp.</i>
Devilsclaw	<i>Proboscidea louisianica</i>
Galinsoga	<i>Galinsoga spp.</i>
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 laucunosa</i>
,Purple Moonflower	<i>Ipomoea muricata</i>
,Smallflower	<i>Jacquemontia tamnifolia</i>
Mustard, Wild	<i>Sinapsis arvensis</i>
Nightshade, Black	<i>Solanum nigrum</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
,Smooth	<i>Amaranthus hybridis</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>Nelochia corchorifolia</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Sida Prickly or Teaweed	<i>Sida spinosa</i>
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</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, Tall	<i>Amaranthus tuberculatus</i>

Sedges

Common Name	Scientific Name
Nutsedge, Yellow	<i>Cyperus esculentus</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 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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Galaxy is a trademark and Blazer is a registered trademark of BASF Corporation.

Buxtone is a registered trademark of Cedar Chemical Corporation.

Butyroc is a registered trademark of Rheno-Pulenc Ag Products Company.

Classic and Pinnacle are registered trademarks of E.I. duPont de Nemours and Company, Incorporated.

Pursuit and Sceptor are registered trademarks of American Cyanamid Company.

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