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JAN 19 1999

Mr. Victor A. Dorr
Agrevo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

Dear Mr. Dorr:

Subject: Liberty® Herbicide
EPA Registration No. 45639-199
Application and Letter Dated November 18, 1998,
Request To Amend Registration with Revisions of Labeling:
o Revised "First Aid Statement" for "if Swallowed"
o Additional Application Rate, 34 Fluid Ounces Per Acre
o Added Use in the Production of Corn and Soybeans Seed
o Addition of a New Rate Recommendation Table for
Weed Control in California
o Revised Rate Recommendation Tables for Weed Control

The proposed labeling reflecting the subject amendments has been reviewed and found to be acceptable for registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, provided that you:

- o Submit one (1) copy of the final printed label prior to releasing this pesticide product for shipment under the subject label.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the proposed label is enclosed for your records.

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL	Eugene Wilson: Diskette 99ABC: 01-19-99					
SURNAME						
DATE						

2 of 19

Edition #70: November 25, 1998

LIBERTY[®] HERBICIDE

A SELECTIVE HERBICIDE FOR USE ONLY ON CORN AND SOYBEANS TOLERANT TO THE ACTIVE INGREDIENT IN THIS PRODUCT. AGREVO USA COMPANY RECOMMENDS USE ONLY ON SEED DESIGNATED AS LIBERTYLINK[®] OR WARRANTED BY AGREVO USA COMPANY AS BEING TOLERANT TO LIBERTY HERBICIDE

ACTIVE INGREDIENT:

Glufosinate-ammonium[†] (CAS Number 77182-82-2) 18.19%*

OTHER INGREDIENTS 81.81%

TOTAL 100.00%

*Equivalent to 1.67 pounds of active ingredient per U.S. gallon.

[†] Protected by U.S. Patent No 4,400,196

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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.)

EPA Registration Number 45639-199

EPA Establishment Numbers: 45639-MI-001
407-IA-2

Net Contents: 1 Gallon, 2.5 Gallons, 15 Gallons, 60 Gallons, 120 Gallons & Bulk



ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 19 1999

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

45639-199

AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

FIRST AID STATEMENT

- If Swallowed:** Rinse mouth thoroughly with plenty of water. Do **NOT** induce vomiting. Get medical attention immediately.
- If in Eyes:** Flush with plenty of water. Get medical attention if irritation persists.
- If on Skin:** Remove contaminated clothing. Wash skin immediately with plenty of soap and water. Get medical attention.
- If Inhaled:** Remove individual to fresh air. Get medical attention if breathing difficulty develops.

NOTE TO PHYSICIAN

If this product is ingested, endotracheal intubation and gastric lavage should be performed as soon as possible, followed by charcoal and sodium sulfate administration. **Additionally, call 1-800-471-0660 immediately for further information.**

In case of medical, environmental, or transportation emergencies or inquiries, call 1-800-471-0660 (24 hours/day).

For product inquiry information, call toll free: 1-877-GO LIBERTY [1-877-465-4237] or visit the LibertyLink world wide web site at www.liberty-link.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if absorbed through skin. Causes moderate eye irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

Coveralls worn over short-sleeved shirt and short pants; chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton[®] ≥ 14 mils; chemical resistant footwear plus socks; protective eyewear. Wear a chemical resistant apron when mixing/loading and cleaning equipment.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering control statement:

When handlers use closed systems, enclosed cabs, 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

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

STORAGE AND DISPOSAL

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

Do not use or store near heat or open flame. Keep the container tightly closed and dry in a cool, well-ventilated place. Storage temperature should be between 32°F and 85°F, with a maximum of 125°F. Protect against direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: *[1 and 2½ Gallon Containers Only]*
Empty containers should be triple rinsed (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.

[15 Gallons, 60 Gallons, 120 Gallons & Bulk Containers Only]
This is a sealed returnable container to be used only for Liberty Herbicide. When this container is empty, it must not be opened, cleaned, or discarded. Empty containers must be returned to the original purchase location.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use this product until you have read the entire label. 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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over short-sleeved shirt and short pants; chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils; chemical resistant footwear plus socks; protective eyewear.

GENERAL INFORMATION

Field Corn, Silage Corn and Soybeans

Liberty Herbicide is a water-soluble herbicide intended for application as a foliar spray for the control of a broad spectrum of emerged annual and perennial grass and broadleaf weeds in corn and soybeans. This product is for use only on corn and soybeans tolerant to the active ingredient in this product. AgrEvo USA Company recommends use only on seed designated as LibertyLink or warranted by AgrEvo USA Company as being tolerant to Liberty Herbicide. The basis of selectivity of Liberty Herbicide in corn and soybeans is the presence of a gene in LibertyLink or other AgrEvo warranted corn hybrids and soybean varieties which results in a plant that is tolerant to the active ingredient of Liberty Herbicide.

**IMPORTANT CROP SAFETY INFORMATION
READ BEFORE USING THIS PRODUCT**

Liberty Herbicide is for use only on corn and soybeans tolerant to the active ingredient in this product. AgrEvo USA Company recommends use only on seed designated as LibertyLink or warranted by AgrEvo USA Company as being tolerant to Liberty Herbicide.

The basis of selectivity of Liberty Herbicide in corn and soybeans is the presence of a gene in LibertyLink or other AgrEvo warranted corn hybrids and soybean varieties which results in a plant that is tolerant to the active ingredient of Liberty Herbicide.

Use of Liberty Herbicide on corn and soybeans not designated as LibertyLink or not warranted by AgrEvo may result in severe crop injury and/or yield loss.

Do not allow spray to contact foliage or green tissue of desirable vegetation other than corn or soybeans tolerant to the active ingredient in this product. This product may injure or kill all green vegetation contacted by the spray other than LibertyLink corn and soybeans or other corn hybrids or soybean varieties warranted by AgrEvo.

AgrEvo does not warrant the crop safety or weed control of this product if used on corn or soybean varieties other than those designated as LibertyLink or warranted by AgrEvo to safely withstand the application of Liberty Herbicide.

THOROUGH SPRAY COVERAGE IS VERY IMPORTANT. Visual effects and control from Liberty Herbicide applications occur within 2 to 4 days after application under good growing conditions. Liberty Herbicide works best when weeds are actively growing. A cultivation may be made **at least** 5 days before a Liberty application or 5 days after a Liberty application.

APPLICATION TIMING

Liberty Herbicide is a foliar-active material with little or no soil-residual activity. Best results are obtained when applications are made to actively growing weeds. Weeds that emerge after application will not be controlled. Liberty will have an effect on weeds that are larger than the recommended leaf stage, however, speed of activity and control may be reduced. Applications of Liberty following the use of soil-applied insecticides will not injure corn.

Applications of Liberty Herbicide on corn may be made with over-the-top broadcast or drop nozzles from emergence until corn is 24" tall or in the V-7 stage of growth, i.e., 7 developed collars, whichever comes first. For corn 24" to 36" tall, only apply Liberty using ground application and drop nozzles and avoid spraying into the whorl or leaf axils of the corn stalks. Position drop nozzles over the row centers.

Applications of Liberty Herbicide on soybeans may be made from emergence to the bloom growth stage.

Liberty Herbicide is rainfast 4 hours after application to most weed species, and rainfall within 4 hours may necessitate retreatment or may result in reduced weed control. Applications should be made between dawn and two hours before sunset to avoid the possibility of reduced control of lambsquarters and velvetleaf. Do not apply when wind causes drift to off-site vegetation as injury may occur. Weed control may be reduced if application is made when heavy dew, fog, and mist/rain are present or when weeds are under stress due to drought, cool temperatures, or extended periods of cloudiness.

Liberty Herbicide should be applied at the rate recommended in the *Rate Recommendation Tables for Weed Control* in the *Application Methods* section of this label. A repeat application of Liberty or application in a tank mix with appropriate residual herbicides listed in the *Tank Mix Recommendation* section of this label will be needed to control weeds that have not yet emerged at the time of application. Refer to the *Rate Recommendation Tables for Weed Control* for the appropriate rate and weed size

RESTRICTIONS TO THE DIRECTIONS FOR USE

1. DO NOT apply more than two applications of Liberty Herbicide to the corn or soybean crop. DO NOT exceed 62 ounces of Liberty on corn or soybeans per growing season.
2. DO NOT apply Liberty Herbicide within 60 days of harvesting corn forage and within 70 days of harvesting corn grain and corn fodder.
3. DO NOT apply Liberty Herbicide within 70 days of harvesting soybean seed.
4. DO NOT plant rotation crops in a field treated with Liberty Herbicide for 120 days after the last application of this product with the exception of wheat, barley, buckwheat, millet, oats, rye, sorghum, and triticale which may be planted 70 days after the last application of this product. Corn and soybeans may be planted at any time.
5. DO NOT harvest treated green soybean plants for forage and hay feed for livestock.
6. DO NOT add any surfactants or crop oils. DO NOT use nitrogen solutions as spray carriers. Antifoams or drift control agents may be added if needed.
7. DO NOT apply Liberty Herbicide if soybeans or corn show injury from prior herbicide applications or environmental stress (drought, excessive rainfall, etc.).
8. DO NOT apply this product through any type of irrigation system.
9. Volunteer LibertyLink crop plants from the previous season will not be controlled by an application of Liberty Herbicide.

SPRAY ADDITIVES

For use on corn only, Liberty Herbicide must be applied with ammonium sulfate (AMS). Use only fine feed grade or spray grade AMS at 3 pounds per acre. Do not add any surfactants or crop oils. Antifoams or drift control agents may be added if needed.

MIXING INSTRUCTIONS

Liberty Herbicide must be applied with properly calibrated and clean equipment. Liberty is specially formulated to mix readily in water. Prior to adding Liberty to the spray tank, ensure that the spray tank is thoroughly clean, particularly if a herbicide with the potential to injure crops was previously used (see *Cleaning Instructions*).

Liberty Herbicide must be mixed with water to make a finished spray solution as follows:

1. Fill the spray tank half full with water.
2. Start agitation.
3. Prepare a slurry of the proper amount of dry flowable/wettable powder tank mix partners in a small amount of water.
4. Add the slurry of dry materials to the spray tank.
5. Add the appropriate amount of AMS (for corn use only) to the spray tank.
6. Add the proper amount of liquid tank mix partners.
7. Complete filling the spray tank with water.
8. Add the proper amount of Liberty Herbicide and continue agitation.
9. If foaming occurs, use an antifoam agent.
10. Additional surfactants or crop oils should not be used.

Ensure that all spray system lines including pipes, booms, etc. have the correct concentration of Liberty Herbicide/water mixture before the application is started. Flush out any remaining air or water from the spray system lines before starting the crop application. Keep bypass line on or near bottom of tank to minimize foaming.

If tank mix partners are added, maintain good agitation at all times until contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed. Keep bypass line on or near bottom of tank to minimize foaming. Screen size in nozzles or line strainers should be no finer than 50 mesh.

CLEANING INSTRUCTIONS

Before using Liberty Herbicide, always complete a thorough cleaning of the spray tank, lines, and filter. Spray equipment should be thoroughly rinsed using a strong detergent solution.

After using Liberty Herbicide, triple rinse sprayer and use a commercial tank cleaner before using for crops not labeled LibertyLink or warranted by AgrEvo. Make sure any rinsate or foam is thoroughly removed from spray tank and boom. Rinsate may be disposed of in a holding tank or in noncrop areas that do not contain desirable vegetation.

APPLICATION METHODS

Uniform, thorough spray coverage is important to achieve consistent weed control. For best results, use flat-fan nozzles. Do not use flood-jet nozzles, controlled droplet application equipment, or air-assisted spray equipment.

Ground Application: Refer to the *Rate Recommendation Tables for Weed Control* in the following section for the proper application rates. DO NOT apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Liberty Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. DO NOT apply at ground speeds exceeding 12 mph. Liberty Herbicide should be applied broadcast in a minimum of 15 gallons of water per acre. Under dense weed/crop canopies, 20 to 40 gallons of water per acre should be used so that thorough spray coverage will be obtained.

The use of 80-degree or 110-degree flat-fan nozzles is highly recommended for optimum spray coverage and canopy penetration. Use a spray pressure of 30 to 60 pounds per square inch (measured at the nozzle). If using Turbo TeeJet® spray tips, use a minimum pressure of 45 pounds per square inch so that thorough spray coverage will be obtained.

Aerial Application: Refer to the *Rate Recommendation Tables for Weed Control* in the following section for the proper application rates. Liberty Herbicide should be applied in a minimum of 5 gallons per acre with spray nozzle tips and sufficient pressure to provide a uniform pattern and median droplet size of 200 to 350 microns. DO NOT use raindrop nozzles. Aerial applications with this product should be made at a maximum height of 10 feet above the crop with low drift nozzles at a maximum pressure of 40 psi.

Avoid application during conditions when uniform coverage cannot be obtained or where excessive spray drift may occur. Do not apply when wind causes drift to off-site vegetation.

RATE RECOMMENDATION TABLES FOR WEED CONTROL

Rates in ounces of formulated product per acre for the control of weeds at selected heights are shown in the following tables. In weed populations with mixed species, apply at a rate needed for the species that requires the highest rate.

**Grass Weeds Controlled with Liberty Herbicide at
16 Fluid Ounces/Acre Plus Ammonium Sulfate**

Weed Species	Maximum Weed Height (inches)
Cupgrass, woolly	4
Foxtail, giant	4
Foxtail, green	4

**Broadleaf Weeds Controlled with Liberty Herbicide at
16 Fluid Ounces/Acre Plus Ammonium Sulfate**

Weed Species	Maximum Weed Height (inches)
Cocklebur, common	4
Jimsonweed	2
Ladysthumb	4
Marestail	2
Mustard, wild	2
Ragweed, common	4
Shepherd's-Purse	2
Sida, prickly	2
Smartweed, Pennsylvania	4
Sunflower, common	4

**Grass Weeds Controlled with Liberty Herbicide
Plus Ammonium Sulfate**

Weed Species	Maximum Weed Height (inches)		
	20 Fl. Oz./A	28 Fl. Oz./A	34 Fl. Oz./A
Barnyardgrass	*	3	4
Bluegrass, annual	*	3	4
Corn, volunteer	*	10 ¹	12 ¹
Crabgrass, large	*	3	4
Crabgrass, smooth	*	3	4
Cupgrass, woolly	6	10	12
Foxtail, bristly	4	6	8
Foxtail, giant	6	10	11
Foxtail, giant (ALS resistant)	6	10	11
Foxtail, green	6	10	11
Foxtail, robust purple	4	6	8
Foxtail, yellow	*	3 ²	4 ²
Johnsongrass, seedling	2	6	8
Millet, wild-proso	2	6	7
Millet, proso volunteer	2	6	7
Oat, wild	*	3 ²	4 ²
Panicum, fall	2	3	4
Panicum, Texas	2	4	5
Rice, red	2	4	5
Sandbur, field	*	*	3
Shattercane	*	6	7
Shattercane (ALS resistant)	*	6	7
Signalgrass, broadleaf	2	4	5
Sprangletop	2	4	5
Sorghum, volunteer	*	6	7
Stinkgrass	2	4	5
Witchgrass	2	4	5

* Indicates suppression

- ¹ Volunteer corn arising from a previous corn crop containing a glufosinate tolerance gene will not be controlled. A timely cultivation 7 to 10 days after application and/or retreatment within 2 weeks is recommended for controlling dense clumps of volunteer corn.
- ² Yellow foxtail and wild oats must be treated prior to tiller initiation for best results.

**Broadleaf Weeds Controlled with Liberty Herbicide
Plus Ammonium Sulfate**

Weed Species	Maximum Weed Height (inches)		
	20 Fl. Oz./A	28 Fl. Oz./A	34 Fl. Oz./A
Amaranth, Palmer	*	4	5
Beggarweed, Florida	*	4	5
Black medic	4	5	6
Buckwheat, wild	4	6	7
Buffalobur	4	6	7
Burcucumber	4	8	9
Carpetweed	*	4	5
Chickweed, common	4	6	7
Cocklebur, common	8	12	14
Cocklebur, common (ALS resistant)	8	12	14
Copperleaf, hophornbeam	2	4	5
Eclipta	2	4	5
Fleabane, annual	3	6	8
Galinsoga, hairy	3	6	8
Galinsoga, small flower	3	6	7
Groundcherry, cutleaf	2	4	5
Geranium, cutleaf	2	4	5
Java bean	2	4	5
Jimsonweed	4	8	9
Kochia	2	4	5
Kochia (ALS resistant)	2	4	5
Ladysthumb	8	12	14
Lambsquarters, common	2	4	5
Lambsquarters, common (triazine resistant)	2	4	5
Mallow, common	*	4	5
Mallow, Venice	3	6	7
Marestail	4	10	12
Marshelder	*	4	5
Morningglory, entireleaf	2	6	7
Morningglory, ivyleaf	4	6	7
Morningglory, pitted	2	6	7
Morningglory, smallflower	2	4	5
Morningglory, tall	4	6	7
Mustard, wild	4	6	7
Nightshade, eastern black	4	6	8
Nightshade, hairy	4	6	8
Pennycress	2	4	5
Pigweed, redroot	2	4	5

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Weed Species	Maximum Weed Height (inches)		
	20 Fl. Oz./A	28 Fl. Oz./A	34 Fl. Oz./A
Pigweed, redroot (ALS resistant)	2	4	5
Pigweed, redroot (triazine resistant)	2	4	5
Pigweed, prostrate	*	4	5
Pigweed, spiny	*	4	5
Pigweed, smooth	*	4	5
Pigweed, tumble	*	4	5
Puncturevine	*	4	5
Ragweed, common	6	12	14
Ragweed, giant	6	10	11
Sesbania, hemp	3	6	8
Shepherd's-Purse	4	6	8
Sicklepod	4	6	7
Sida, prickly	4	6	7
Smartweed, Pennsylvania	8	12	14
Smellmelon	2	4	6
Sowthistle, annual	3	6	7
Sunflower, common	8	12	14
Sunflower, common (ALS resistant)	8	12	14
Sunflower, volunteer	6	8	9
Thistle, Russian	*	4	5
Velvetleaf	3	5	6
Waterhemp, common	2	4	5
Waterhemp, common (ALS resistant)	2	4	5
Waterhemp, tall	2	4	5

* indicates suppression

INSTRUCTIONS FOR BIENNIAL/PERENNIAL WEEDS

Liberty Herbicide applied at 34 fluid ounces per acre may control or suppress the biennial/perennial weed species shown in the following table. Control of biennial/perennial weeds may be enhanced by using a second application or tank mixes with other herbicides.

Weed Species	34 Fluid Ounce/Acre	34 Fluid Ounce/Acre followed by 28 Fluid Ounce/Acre
Alfalfa	*	✓
Artichoke, Jerusalem	*	✓
Bindweed, field	*	✓
Bindweed, hedge	*	✓
Bluegrass, Kentucky	*	✓
Bromegrass, smooth	*	✓
Burdock	✓	✓
Chickweed, Mouse-ear	✓	✓
Clover, Alsike	✓	✓
Clover, red	✓	✓
Dandelion	✓	✓
Dock, smooth	*	✓
Dogbane, hemp	*	*
Goldenrod, gray	*	✓
Johnsongrass, rhizome	*	✓
Milkweed, common	*	*
Milkweed, honeyvine	*	*
Muhly, wirestem	*	✓
Orchardgrass	*	✓
Poinsettia, wild	*	✓
Pokeweed	*	✓
Quackgrass	*	✓
Thistle, bull	✓	✓
Thistle, Canada	*	✓
Timothy	*	✓

✓ indicates control

* indicates suppression

RATE RECOMMENDATION TABLE FOR WEED CONTROL IN CALIFORNIA

Rates in ounces of formulated product per acre for the control of weeds in California at selected heights are shown in the following table. In weed populations with mixed species, apply at a rate needed for the species that requires the highest rate.

Weeds Controlled in California with Liberty Herbicide Plus Ammonium Sulfate

Weed Species	Maximum Weed Height (inches)		
	20 Fl. Oz./A	28 Fl. Oz./A	34 Fl. Oz./A
Barnyardgrass	*	3	4
Cocklebur, common	8	12	14
Cocklebur, common (ALS resistant)	8	12	14
Foxtail, bristly	4	6	8
Foxtail, giant	6	10	11
Foxtail, giant (ALS resistant)	6	10	11
Foxtail, green	6	10	11
Foxtail, robust purple	4	6	8
Foxtail, yellow	*	3 ¹	4 ¹
Henbit	*	2	4
Johnsongrass, seedling	2	6	8
Lambsquarters, common	2	4	5
Lambsquarters, common (triazine resistant)	2	4	5
Malva, common	*	2	4
Morningglory, entireleaf	2	6	7
Morningglory, ivyleaf	4	6	7
Morningglory, pitted	2	6	7
Morningglory, smallflower	2	4	5
Morningglory, tall	4	6	7
Nettle, burning	*	2	4
Nightshade, black	*	4	6
Panicum, fall	2	3	4
Pigweed, redroot	2	4	5
Pigweed, redroot (ALS resistant)	2	4	5
Pigweed, redroot (triazine resistant)	2	4	5
Pigweed, tumble	*	4	5
Purslane, common	*	2	4
Rice, Jungle	*	2	4
Sowthistle, annual	3	6	7
Sunflower, common	8	12	14
Sunflower, common (ALS resistant)	8	12	14
Sunflower, volunteer	6	8	9
Velvetleaf	3	5	6

* indicates suppression

¹ Yellow foxtail must be treated prior to tiller initiation for best results.

SEQUENTIAL APPLICATIONS WITH LIBERTY HERBICIDE

Liberty Herbicide (alone and with a tank mix partner listed on this label) may be applied following any corn or soybean pre-plant incorporated or preemergence herbicide applications.

TANK MIX RECOMMENDATIONS FOR LIBERTY HERBICIDE

When using Liberty Herbicide in tank mix combinations, follow the precautions and directions of the most restrictive label for the appropriate timing, rate, and crop response information.

Corn Tank Mix Herbicide Partners for Liberty Herbicide

To enhance weed control and/or provide residual control in corn, Liberty Herbicide may be mixed with the following herbicides.

Accent [®] Herbicide	Curtail [®] Herbicide	Prowl [®] 3.3 EC Herbicide
Atrazine	Dual [®] Herbicide	Python [®] WDG Herbicide
Banvel [®] Herbicide	Dual II [®] Herbicide	Scorpion [®] III Herbicide
Basagran [®] Herbicide	Dual II Magnum [™] Herbicide	Shotgun [®] Herbicide
Beacon [®] Herbicide	Frontier [®] 6.0 Herbicide	Spirit [®] Herbicide
Bicep [®] Herbicide	Guardsman [®] Herbicide	Stinger [®] Herbicide
Bicep II [®] Herbicide	Harness [®] Herbicide	Surpass [®] EC Herbicide
Bicep Lite II [™] Herbicide	Harness [®] Xtra Herbicide	Surpass [®] 100 Herbicide
Bicep II Magnum [™] Herbicide	Hornet [®] Herbicide	Topnotch [™] Herbicide
Buctril [®] 4EC Herbicide	Laddok [®] S-12 Herbicide	Tough [®] 3.75 EC Herbicide
Buctril [®] + atrazine Herbicide	Marksman [®] Herbicide	
Clarity [®] Herbicide	Permit [®] Herbicide	

Applications of Clarity Herbicide, Banvel Herbicide, or Marksman Herbicide to corn during periods of rapid growth may result in temporary leaning or green snap. If these symptoms occur, cultivation should be delayed until after corn is growing normally to avoid breakage. Tank mixing with Prowl 3.3 EC Herbicide may result in reduced control of barnyardgrass, fall panicum, field sandbur, yellow foxtail, and volunteer corn.

Corn Tank Mix Insecticide Partners for Liberty Herbicide

To provide weed and insect control in corn, Liberty Herbicide may be mixed with the following insecticides:

Ambush [®] Insecticide	Furadan [®] 4F Insecticide	Pounce [®] 3.2EC Insecticide
Asana [®] XL Insecticide	Lorsban [®] -4E Insecticide	Warrior [™] Insecticide

Soybean Tank Mix Herbicide Partners for Liberty Herbicide

To enhance weed control and/or provide residual control in soybeans, Liberty Herbicide may be mixed with the following herbicides:

Basagran [®] Herbicide	Manifest [™] B Herbicide	Reflex [®] Herbicide
Blazer [®] Herbicide	Manifest [™] G Herbicide	Resource [®] Herbicide
Firstrate [®] Herbicide	Pinnacle [®] Herbicide	Scepter [®] Herbicide
Flexstar [®] HL Herbicide	Poast [®] HC Herbicide	Select [®] 2EC Herbicide
Frontier [®] 6.0 Herbicide	Poast Plus [®] Herbicide	Storm [®] Herbicide
Fusilade [®] DX Herbicide	Prism [®] Herbicide	Tornado [®] Herbicide
Fusion [®] Herbicide	Pursuit [®] Herbicide	Typhoon [®] Herbicide
Galaxy [®] Herbicide	Raptor [™] Herbicide	

FIELD CORN SEED AND SOYBEAN SEED PRODUCTION

Liberty Herbicide may be applied to select out susceptible "segregates", i.e., corn and soybean plants that are not tolerant to glufosinate-ammonium during seed production. Inbred lines, plants not possessing glufosinate-ammonium tolerance, will be severely injured or killed if treated with this herbicide. A hooded sprayer may be used to protect corn and soybean plants from coming into contact with the herbicide application.

Rate Recommendations for Seed Production

Corn: For the selection of tolerant corn "segregates", Liberty Herbicide may be applied at up to 34 fluid ounces per acre plus AMS at 3 pounds per acre when corn is in the V-3 to V-4 stage of growth, i.e., 3 to 4 developed collars. A second treatment of 28 fluid ounces per acre plus AMS at 3 pounds per acre may be applied when the corn is in the V-6 to V-7 stage of growth or up to 24" tall.

Soybeans: For the selection of tolerant soybean "segregates", Liberty Herbicide may be applied at up to 34 fluid ounces per acre when soybean is in the third trifoliolate stage. A second treatment of 28 fluid ounces per acre may be applied up to the bloom growth stage of soybean.

FARMSTEADS

When applied as recommended, this product controls undesirable plant vegetation in noncrop areas around farmstead building foundations, shelter belts, along fences, and general nonselective farmstead weed control. Refer to the *Application Methods* section of this labeling for appropriate application rates to control specific weeds.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

AgrEvo USA Company does not warrant the safety or performance of this product when used on "brown bag" or farmer-saved seed (bin run seed).

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather conditions and soil conditions, manner of use and other factors beyond AgrEvo USA Company's control, it is impossible for AgrEvo USA Company to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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