



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 12, 2021

John F. Wright
Authorized Representative
Aceto Agricultural Chemicals Corporation
4 Tri Harbor Court
Port Washington, NY 11050

Subject: Registration Review Label Mitigation for Asulam
Product Name: ACETO ASULAM 400 HERBICIDE
EPA Registration Number: 2749-523
Application Dates: May 9, 2019
Decision Numbers: 550822

Dear Mr. Wright:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Asulam Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Marisa Wright by phone at (703) 347-0463, or via email at wright.marisa@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Linda Arrington', with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

ASULAM	GROUP	18	HERBICIDE
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**ACETO
ASULAM 400 Herbicide**

For Post-emergent Weed Control in Sugarcane, Turf, Ornamentals, Christmas Tree Plantings and Non-Cropland

FOR AGRICULTURAL OR COMMERCIAL USE ONLY. NOT FOR USE BY HOMEOWNERS.

Active Ingredient:

Sodium salt of asulam, methyl [(4-aminophenyl)sulfonyl]carbamate*.....36.2%

Inert Ingredients:.....63.8%

Total:100.0%

* Equivalent to 33.0% asulam acid or 3.30 lb. Asulam per gallon.

Keep Out of Reach of Children

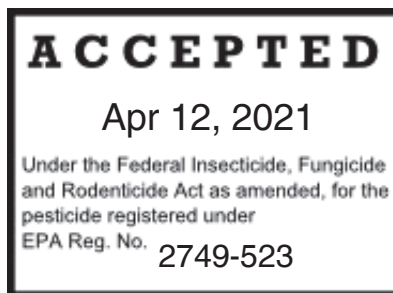
CAUTION

First Aid	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

Net Contents: _____ Gals.

EPA REG. NO. 2749-523

EPA EST. NO. _____



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Harmful If Absorbed Through Skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate)
- Shoes and socks

User Safety Requirements

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.

- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must leave the treated area, and remove clothing immediately if pesticide gets inside.
- Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

Engineering Controls

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. However, full PPE must be available in the event that the handler exits the aircraft, enclosed cab, etc., prior to the REI. Pilots must use an enclosed cab that meets the definition listed in the Worker Projection Standards for agriculture pesticides [10 CFR 170.305].

Environmental Hazards

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. Surface water contamination may occur in areas with poorly draining soils and little or no buffers or in areas where drainage systems flow directly to surface water. 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 wash waters or rinsate.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and made adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Directions for Use

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

Read entire label before using this product.

Chemigation: Do not use this product through any type of irrigation system.

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 12 hours.

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, wear:

- Coveralls
- Chemical-resistant gloves
- Shoes and socks

Non-Agricultural Use Requirements

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

Do not enter or allow others to enter the treated area until sprays have dried.

(Storage and Disposal for rigid containers 5 gal or less)

Storage and Disposal

PESTICIDE Storage: Do not contaminate water, food or feed by storage or disposal. Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Store at temperatures greater than 20°F. Keep container closed when not using. Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under Pesticide Disposal. Repackage and relabel usable product in a sound container.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into

application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration.

(Storage and Disposal for rigid containers larger than 5 gal)

Storage and Disposal

PESTICIDE Storage: Do not contaminate water, food or feed by storage or disposal. Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Store at temperatures greater than 20°F. Keep container closed when not using. Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under Pesticide Disposal. Repackage and relabel usable product in a sound container.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration.

(Storage and Disposal for refillable rigid containers larger than 5 gal)

Storage and Disposal

PESTICIDE Storage: Do not contaminate water, food or feed by storage or disposal. Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Store at temperatures greater than 20°F. Keep container closed when not using. Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under Pesticide Disposal. Repackage and relabel usable product in a sound container.

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

Container Handling: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning

the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return to point of sale. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved state and local authorities.

SPRAY DRIFT

Aerial Application:

- Do not release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1)
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- Do not apply during temperature inversions.

Ground Boom Application:

- Apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1)
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANT OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray

volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

SPRAYDRIFT

Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

- Take precautions to minimize spray drift.

WEED RESISTANCE MANAGEMENT

For resistance management, Aceto Asulam 400 Herbicide is a Group 18 herbicide. Any weed population may contain or develop plants naturally resistant to Aceto Asulam 400 Herbicide and other Group 18 herbicides. The resistant biotypes may dominate the weed population if these herbicides are

used repeatedly in the same field. Appropriate resistance management strategies should be followed.

See specific crop Use Directions for maximum single application rate, annual maximum number of applications and amount of active ingredients.

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

Rotate the use of Aceto Asulam 400 Herbicide or other Group 18 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.

Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.

Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.

Users should scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.

If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

Users should report lack of performance to the registrant or their representative.

Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.

SUGARCANE

Restrictions and Precautions: Do not rotate to any crop which is not registered for use with products containing asulam for one year following the last application of this product.

- Cover crops may be planted if they are plowed under and not grazed; otherwise, do not plant crops other than sugarcane in treated areas.
- Do not graze or feed sugarcane fodder and forage to livestock.
- Asulam 400 should be used when weeds are actively growing and may be applied

to plant cane or to cane grown from stubble.

- Do not harvest sugarcane within the following number of days after application: 140 days in mainland USA (excluding Louisiana), 100 days in Louisiana and 400 days in Hawaii.
- Differences in crop tolerance to asulam among sugarcane varieties have been reported in Louisiana. Contact your local County Agent or University Extension Specialist for further information.
- Do not apply more than 8 pts. of this product (3.3 lbs. of asulam) per acre per application.
- Do not make more than 2 applications per year.
- The minimum spray interval is 4 weeks.
- Do not apply more than 16 pts. of this product (6.6 lbs. asulam) per acre per year.

Rates: The rates in the tables below are for broadcast application.

Ground Application: Apply as a water mix spray in 15-100 gallons of water per acre.

Aerial Application: Apply as a water mix spray in 3-5 gallons of water per acre; in Hawaii, use 5-10 gallons per acre.

Banded Application: Reduce rates according to the following formula: band width (inches)/row width (inches) X broadcast rate per acre = banded rate per acre.

Spot Treatment: Apply a 5% v/v Asulam 400 spray (1 gallon per 20 gallons of water) but not exceeding a rate of 8 pints of the concentrated herbicide per acre.

Addition of an adjuvant approved for use on growing crops to the water mix spray will improve weed control when environmental conditions are not optimal. A nonionic surfactant of at least 80% active ingredient can be added at a rate of 1-2 quarts per 100 gallons of spray mix (0.25%-0.5% by volume). Alternatively, a crop oil concentrate containing 80 - 85% paraffinic oil and 15%-20% nonionic surfactant can be added at a rate of 4 quarts per 100 gallons (1% by volume) of spray mix.

First Application per Season

Weed Species	Rate (pints per acre)	Special Instructions
Raoulgrass or Itchgrass (<i>Rottboellia exaltata</i>)	8	Apply with a surfactant when the grass is not more than 8 inches tall
Johnsongrass (<i>Sorghum halepense</i>)	8	Apply when the grass is 12-18 inches tall. Johnsongrass should be actively growing and the average air temperature should be at least 60°F or higher.
Paragrass or Californiagrass (<i>Brachiaria mutica</i> or <i>Panicum purpurascens</i>)	8	Apply when the grass is no more than 6-8 inches tall.
Crabgrass (<i>Digitaria spp.</i>)	6-8	Use the lower rate prior to seed head formation and the higher rate after heading.

Alexendergrass <i>(Brachiaria plantaginea)</i> Barnyardgrass <i>(Echinochloa crusgalli)</i> Broadleaf panicum <i>(Panicum adspersum)</i> Foxtail <i>(Setaria spp.)</i> Goosegrass <i>(Eleusine indica)</i>	6-8	Use the lower rate if the grass is no more than 6-8 inches tall and the higher rate if more than 8 inches tall.
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Second Application per Season

A second application may be made 4 to 10 weeks after the first application if needed to control weeds prior to closure of the planted sugarcane. (Use in Heavy Weed Infestations or Re-infestation or where Weed Species Germinate at Different Times in the same Growing Season)

Weed Species	Rate for Each Application (pints per acre)	Special Instructions
Crabgrass <i>(Digitaria spp.)</i>	6-8	Apply before seed head formation. Use the lower rate when Crabgrass is less than 6 inches high, and the higher rate from 6 inches to the start of head formation.
Raoulgrass or Itchgrass <i>(Rottboellia exaltata)</i>	8	Apply with surfactant when the grass is no more than 12 inches tall.
Johnsongrass <i>(Sorghum halepense)</i>	8	Apply when the grass is 18-24 inches tall.

TURF (FOR SOD FARM USE ONLY)

All turf grasses except for St. Augustinegrass and Tifway 419 Bermudagrass - Apply 8 pints Asulam 400 Herbicide per acre per year.

Restrictions:

- Do not apply more than 8 pts. of this product (3.3 lbs. of asulam) per acre per application.
- Do not make more than 1 application per year.
- Do not apply more than 8 pts. of this product (3.3 lbs. asulam) per acre per year.

St. Augustinegrass and Tifway 419 Bermudagrass Sod Farm Use - Apply 5 pints/year without surfactant in 20 to 50 gallons of water (1 pint in 4 to 10 gallons of water per 5,445 square feet) to St. Augustine grass or Tifway 419 Bermudagrass. Do not apply to these turf grasses under stress or that have been freshly mowed.

To control:

Bull grass
(Paspalum supinum)
Crabgrass
(Digitaria spp.)

Goosegrass
(Eleusine indica)
Sandbur
(Cenchrus spp.)

NON-CROPLAND USES

For use as a post-emergent treatment to control weeds in areas such as: boundary fences and fence rows; ditch banks; highway, pipeline and roadside rights-of-way; lumberyards; railroad and utility rights-of-way and yards; industrial plant sites; storage areas; and warehouse lots.

The maximum application rate is 8 pts. of this product per acre.

Apply by ground spray using 20-100 gallons of solution per acre with a nonionic surfactant at a rate of 0.25% by volume.

Restrictions:

- Do not apply more than 8 pts. of this product (3.3 lbs. of asulam) per acre per application.
- Do not make more than 1 application per year.
- Do not apply more than 8 pts. of this product (3.3 lbs. asulam) per acre per year.
- Aerial application is prohibited.

Weed Species	Rate (pints per acre)	Special Instructions
Crabgrass (<i>Digitaria spp.</i>)	8	Apply before the grass reaches seed head formation.
Johnsongrass (<i>Sorghum halepense</i>)	8	Apply when the grass is at least 18 inches tall. As a spot treatment in Hawaii, apply 8 pints in 50 gallons of spray mixture per acre.
Paragrass or Californiagrass (<i>Brachiana mutica</i> or <i>Panicum purpurascens</i>)	8	Apply before seed head formation. As a spot treatment in Hawaii, apply in 50 gallons of spray mixture per acre.
Western bracken (<i>Pteridium aquilinum</i> var. <i>pubescens</i>)	7-8	Apply when the fern is in full frond. Use the higher rate in heavy infestations.

Christmas Trees

For use as a post-emergent treatment in Douglas fir, Grand fir, Nobel fir, or Scotch pine plantings, for Christmas trees. Do not graze or feed forage from treated areas to livestock.

The maximum application rate is 8 pts. of this product per acre.

Apply a minimum 20 gallons of solution per acre for ground application. Aerial application is prohibited.

Spray at a rate of 1 gallon of solution per acre (without a surfactant) after bud-break and hardening of new tree growth to control western bracken (*Pteridium aquilinum* var. *pubescens*), which should be in full frond.

Restrictions:

- Do not apply more than 8 pts. of this product (3.3 lbs. of asulam) per acre per application.
- Do not make more than 1 application per year.
- Do not apply more than 8 pts. of this product (3.3 lbs. asulam) per acre per year.
- Do not graze or feed forage from treated areas to livestock.
- Aerial application is prohibited.

Ornamental Shrubs

The maximum application rate is 8 pts. of this product per acre. Use as a broadcast post-emergent treatment, without a surfactant, at a rate of 8 pts. of this product in 20 gallons of water per acre to the following species of junipers and yews:

Juniper andorra	Taxus cuspidata
Juniper chinensis	Taxus media
Juniper conferta	Podocarpus macrophyllus
Juniper horizontalis	
Juniper litoralis	
Juniper Sabina	

To control:

Barnyardgrass

(*Echinochloa crusgalli*)

Crabgrass

(*Digitaria spp.*)

Fall Panicum

(*Panicum dichotomiflorum*)

Foxtail

(*Setaria spp.*)

Goosegrass

(*Eleusine indica*)

Horseweed or Mare's tail

(*Conyza canadensis*)

Apply when the weeds are between the stages of early seedling and early seed-head formation.

Restrictions:

- Do not apply more than 8 pts. of this product (3.3 lbs. of asulam) per acre per application.
- Do not make more than 1 application per year.
- Do not apply more than 8 pts. of this product (3.3 lbs. asulam) per acre per year.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aceto Life Sciences, L.L.C. To the extent

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

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ACETO LIFE SCIENCES, L.L.C. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aceto Life Sciences, L.L.C. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ACETO LIFE SCIENCES, L.L.C. DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ACETO LIFE SCIENCES, L.L.C'S ELECTION, THE REPLACEMENT OF PRODUCT.

Manufactured For:
Aceto Life Sciences, L.L.C.
4 Tri Harbor Court, Port Washington, New York 11050
Phone: 516-527-6000

Manufactured in China