



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

57242-7

Date of Issuance:

8/25/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ASULAM 4SL

Name and Address of Registrant (include ZIP Code):

GLADES FORMULATING CORPORATION
P.O. BOX 1690
BELLE GLADE, FL 33430

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Aswathy Balan, Product Manager 24 (Acting)
Fungicide and Herbicide Branch,
Registration Division (7505P)

Date:

8/25/20

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 57242-7.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/11/2019

If you have any questions, please contact Francisco Llarena-Arias by phone at 703-347-0459, or via email at llarena-arias.francisco@epa.gov

Enclosure

Asulam 4SL

Herbicide

Apply Asulam 4SL for postemergence control of listed weeds in Christmas Tree Plantings
Sugarcane, Turf, Ornamentals and in Non-Cropland Areas

Not intended for use in residential areas. Only for commercial or agricultural use.

ACTIVE INGREDIENT:

Sodium salt of asulam (methyl sulfanylylcarbamate)* 36.2%

OTHER INGREDIENTS 63.8%

TOTAL 100.0%

*Equivalent to 33.1% asulam or not less than 3.34 lbs. sodium asulam per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
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 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.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.</p>	

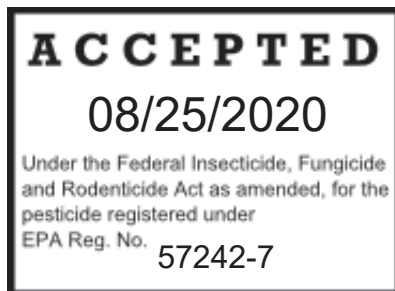
EPA Reg. No. 57242-

EPA Est. No.

Manufactured for:

Glades Formulating Corporation
PO Box 1690
Belle Glade, FL 33430

Net Contents:



PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water before handling and after eating, drinking, chewing gum, using tobacco or using the toilet.

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), and shoes plus socks.

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

ENGINEERING CONTROL STATEMENTS

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.

Pilots must use an enclosed cab that meets the definition listed in the Worker Protection Standard for agricultural pesticides [40 CFR 170.305].

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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

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** clean equipment or dispose of equipment washwater in a manner that will contaminate resources. **DO NOT** apply when weather conditions favor drift from treated areas. **DO NOT** contaminate water by cleaning of equipment or disposal of wastes.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may 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 of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

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 regulations.

RESTRICTIONS

Pilots must use an enclosed cab that meets the definition listed in the Worker Protection Standard for agricultural pesticides [40 CFR 170.305].

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, chemical resistant gloves, and shoes plus socks.

WEED RESISTANCE MANAGEMENT

For resistance management, Asulam 4SL is a Group 18 herbicide. Any weed population may contain or develop plants naturally resistant to Asulam 4SL and other Group 18 herbicides. Weed species with acquired resistance to Group 18 herbicides may eventually dominate the weed population if Group 18 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Asulam 4SL or other Group 18 herbicides. Users should scout before and after application.

Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

To delay herbicide resistance:

- Avoid the consecutive use of Asulam 4SL or other target site of action Group 18 herbicides that might have a similar target site of action, on the same weed species.
- Use tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern (an herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides)
- Base herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Scout fields prior to application to identify the weed species present and their growth state to determine if the intended application will be effective.
- Scout fields after application to verify that the treatment was effective.
- Contact your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

Report any incidence of non-performance of this product against a particular weed species to your Glades Formulating Corporation retailer or representative. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemicals means to remove escapes, as practical, with the goal of preventing further seed production.

SPRAY DRIFT

Aerial Applications:

- **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 wind speed 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 Applications:

- Apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground 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.

IMPORTANCE 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 manufactures 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.

SHEILDED 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.

TEMPRATURE 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 move laterally in a concentrated cloud (under low wind conditions) 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.

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.

DO NOT apply Asulam 4SL through irrigation systems of any type.

CHRISTMAS TREE PLANTINGS

Apply Asulam 4SL as a postemergence application in the following species of Christmas Tree Plantings:

- Douglas Fir
- Grand Fir
- Noble Fir
- Scotch Pine

Apply this product as a spray mixture combined with water. Use a minimum of 20 gallons of solution per acre via ground application.

Weed	Rate of Asulam 4SL	Directions
Western Bracken (<i>Pteridium aquilinum</i> <i>var. pubescens</i>)	1 gallon per acre (3.34 lbs. active ingredient)	Treat with Asulam 4SL application solution following bud break and after firming/hardening of new tree growth. Prior to application, target species must be in full frond.

Restrictions:

- **DO NOT** graze or feed foliage from treated areas to livestock.
- **DO NOT** use a wetting agent with Asulam 4SL.
- **DO NOT** apply this product via aerial application.
- **DO NOT** make more than one application per year.
- **DO NOT** apply more than 1 gallon of product per acre per year (3.34 lbs. active ingredient per acre per year).

SUGARCANE

Apply this product as a spray mixture combined with water to sugarcane grown from stubble or plant cane. Only apply Asulam 4SL when weeds are growing actively.

The application of fertilizer and/or some cultivation/cultural practices that disturb the target species root system may lead to sub optimal control of target species. **DO NOT** employ practices that will disturb the root system of target species for a minimum of 7 days before application of this product or for a minimum of 7 days after treatment with this product.

IMPORTANT: In Louisiana there have been reports of varying resistance among crops to applications of Asulam 4SL. For further information, refer to the local County Agent or University Extension Specialist.

In order to enhance weed control in sub-optimal environmental conditions, use one of the following adjuvants:

Adjuvant*	Directions
Crop Oil Concentrate	Must contain 15-20% non-ionic surfactant and 80-85% paraffin based petroleum oil. Apply at the rate of 4 qts. (3.34 lbs. active ingredient)/100 gals. (1% V/V) of application mixture.
Non-Ionic Surfactant	Must contain 80% active ingredient minimum. Apply at the rate of 1-2 qts./100 gals. (0.84-1.67 lbs. active ingredient) (0.25/0.5% V/V) of application mixture.

*Adjuvants must be cleared for application in growing crops.

Ground Application

Depending on local application practice, apply Asulam 4SL in 15-100 gallons of water per acre.

Aerial Application: Except in Hawaii, apply Asulam 4SL in 3-5 gallons of water per acre. In Hawaii, apply Asulam 4SL in 5-10 gallons of water per acre.

In order to calculate the correct rate for banded application, use the following formula:

(Band width(in inches) ÷ Row Width (in inches))	x	Broadcast rate (see tables below)	=	Band Rate per acre
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Rates for broadcast application of Asulam 4SL for a maximum of one application per year:

Weed	Rate of Asulam 4SL	Directions
Alexandergrass (<i>Brachiaria plantaginea</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass is greater than 8 inches in height. Use the lower rate where grass is 6-8 inches in height or less.
Barnyardgrass (<i>Echinochloa crusgalli</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass is greater than 8 inches in height. Use the lower rate where grass is 6-8 inches in height or less.
Broadleaf Panicum (<i>Panicum adspersum</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass is greater than 8 inches in height. Use the lower rate where grass is 6-8 inches in height or less.
Crabgrass (<i>Digitaria spp.</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass has reached the early seed head formation stage.

Weed	Rate of Asulam 4SL	Directions
		Use the lower rate where grass is yet to reach the seed head formation stage.
Foxtail (<i>Setaria spp.</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass is greater than 8 inches in height. Use the lower rate where grass is 6-8 inches in height or less.
Goosegrass (<i>Eleusine indica</i>)	6-8 Pints per acre (2.50-3.34 lbs. active ingredient)	Use the higher rate where the grass is greater than 8 inches in height. Use the lower rate where grass is 6-8 inches in height or less.
Itchgrass or Raoulgrass (<i>Rottboellia exaltata</i>)	8 Pints per acre (2.50-3.34 lbs. active ingredient)	Application mixture must be combined with a surfactant. Apply this product when grass is a maximum of 8 inches in height.
Johnsongrass (<i>Sorghum halepense</i>)	8 Pints per acre (2.50-3.34 lbs. active ingredient)	Apply Asulam 4SL when grass is growing actively and is 12-18 inches in height. At the time of application air temperature must be a minimum of 60°F.
Paragrass or Californiagrass (<i>Brachiaria mutica</i> or <i>Panicum purpurascens</i>)	8 Pints per acre (2.50-3.34 lbs. active ingredient)	Apply this product when grass is a maximum of 6-8 inches in height.

Two applications of Asulam 4SL in one year may be necessary where there are initially heavy infestations of target species, where rhizome Johnsongrass is present or when treating target species that germinate at different times during the year.

Rates for broadcast application of Asulam 4SL for two applications per year:

Weed	Application 1: Rate of Asulam 4SL	Application 2: Rate of Asulam 4SL	Directions
Crabgrass (<i>Digitaria spp.</i>)	6 to 8 pints per acre (2.50-3.34 lbs. active ingredient)	6 to 8 pints per acre (2.50-3.34 lbs. active ingredient)	For the 1 st and 2 nd application, apply to grass before seed head formation.
Itchgrass or Raoulgrass (<i>Rottboellia exaltata</i>)	8 pints per acre (3.34 lbs. active ingredient)	8 pints per acre (3.34 lbs. active ingredient)	Application mixture must be combined with a surfactant. For the 1 st and 2 nd application grass must be a maximum of 8 inches in height.
Johnsongrass (<i>Sorghum halepense</i>)	8 pints per acre (3.34 lbs. active ingredient)	8 pints per acre (3.34 lbs. active ingredient)	For the 1 st and 2 nd application grass must be 12-18 inches in height.

Spot Treatment

Apply Asulam 4SL as a 5% v/v application spray (i.e. 1 gallon of Asulam 4SL per 20 gallons of water).

RESTRICTIONS

- **DO NOT** graze or feed sugarcane fodder to livestock.
- When applying Asulam 4SL as a spot treatment, **DO NOT** apply more than 8 pints of product per acre per year (3.34 lbs. active ingredient per acre per year).
- **DO NOT** make more than two applications per year when using reduced application rates.
- Cover crops may be planted if they are ploughed under and not used for grazing.

- Mainland USA (except Louisiana): **DO NOT** harvest crops for a minimum of 140 days following application of this product.
- Louisiana: **DO NOT** harvest crops for a minimum of 100 days following application of this product.
- Hawaii: **DO NOT** harvest crops for a minimum of 400 days following application of this product.

NON-CROPLAND

Apply Asulam 4SL for control of listed species as a postemergence application in non-cropland sites, including, railroad rights-of-way and yards, utility rights-of-way and yards, highway and roadside rights-of-way, pipeline rights-of-ways, storage areas and industrial plant sites, warehouse lots, lumberyards, boundary fences and fence rows.

The application solution of Asulam 4SL may be combined with an approved non-ionic surfactant at a rate of 0.25% by volume.

Prepare this product as a single water mix treatment at a rate of 20-100 gallons of application solution (dependent on local practice) per acre. Apply to the target area as a ground application to control species listed in the table below.

Weed	Rate of Asulam 4SL	Directions
Crabgrass (<i>Digitaria spp.</i>)	1 gallon per acre (3.34 lbs. active ingredient)	Treat with Asulam 4SL when grass is yet to reach the seed head formation stage.
Johnsongrass (<i>Sorghum halepense</i>)	1 gallon per acre (3.34 lbs. active ingredient)	Treat with Asulam 4SL when grass is a minimum of 18 inches in height. When applying as a spot treatment in Hawaii, apply this product in 100 gallons of solution. DO NOT exceed 50 gallons total of application solution per acre.
Paragrass or Californiagrass (<i>Brachiaria mutica</i> or <i>Panicum purpurascens</i>)	1 gallon per acre (3.34 lbs. active ingredient)	Treat with Asulam 4SL when grass is yet to reach the seed head formation stage. When applying as a spot treatment in Hawaii, apply this product in 100 gallons of solution. DO NOT exceed 50 gallons total of application solution per acre.
Western Bracken (<i>Pteridium aquilinum var. pubescens</i>)	7/8-1 gallons per acre (2.92-3.34 lbs. active ingredient)	Treat with Asulam 4SL when ferns are in full frond.

Restrictions:

- **DO NOT** apply this product via aerial application
- **DO NOT** make more than one application per year.
- **DO NOT** apply more than 1 gallon of product per acre per year (3.34 lbs. active ingredient per acre per year).

TURF (Sod Farms Only)

Apply Asulam 4SL in Tifway 419 Bermudagrass and St. Augustinegrass and turf as a postemergence treatment in order to control listed weeds (see table below).

Apply Asulam 4SL as a spray solution in 20-50 gallons of water per acre.

Weed	Rate of Asulam 4SL	Directions
Bullgrass (<i>Paspalum supinum</i>), Crabgrass (<i>Digitaria sp.</i>), Goosegrass (<i>Eleusine indica</i>)	5 pints per acre (2.09 lbs. active ingredient)	Apply Asulam 4SL in St. Augustinegrass to control listed weed species.
Sandbur (<i>Cenchrus sp.</i>)	5 pints per acre (2.09 lbs. active ingredient)	Apply Asulam 4SL in Tifway 419 Bermudagrass to control listed weed species.

Restrictions:

- **DO NOT** make more than one application per year.
- **DO NOT** combine a surfactant with the application solution of Asulam 4SL.
- **DO NOT** treat freshly mown grass or to turf that is under stress.
- **DO NOT** apply more than 5 pints of product per acre per year (2.09 lbs. active ingredient per acre per year).

ORNAMENTALS

Apply this product as a single application. Apply as a postemergence broadcast treatment in a minimum of 20 gallons of water per acre. Use Asulam 4SL to treat specified target species in the following ornamental species:

Junipers: Juniperus Andorra, Juniperus chinensis, Juniperus conferta, Juniperus horizontalis, Juniperus litoralis, Juniperus Sabina

Yews: Podocarpus macrophyllus, Taxus cuspidate, Taxus media

Weed	Rate of Asulam 4SL	Directions
Barnyardgrass(<i>Echinochloa crusgali</i>) Crabgrass(<i>Digitaria sp.</i>) Fall Panicum(<i>Panicum dichotomiflorum</i>) Foxtails (<i>Setaria sp.</i>) Goosegrass(<i>Eleusine indica</i>) Horseweed (marestail) <i>Conyza Canadensis</i>)	1 gallon per acre (3.34 lbs. active ingredient)	Apply to listed species between the early seedling stage and the early seed head formation stage.

The use of Asulam 4SL may be affected by local conditions. Refer to Experiment Station and/or State Agricultural weed specialists for information on possible lower dosages and for guidance on local weed problems.

Restrictions:

- **DO NOT** combine a surfactant with the application solution of Asulam 4SL.
- **DO NOT** make more than one application per year.
- **DO NOT** apply more than 1 gallon of product per acre per year (3.34 lbs. active ingredient per acre per year).

STORAGE AND DISPOSAL

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

STORAGE: Store at temperatures above 32°F. **DO NOT** allow product to freeze.

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

CONTAINER HANDLING:

Nonrefillable containers (five gallons or less). DO NOT reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a rinse tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, 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.

Nonrefillable containers (greater than five gallons). DO NOT reuse or refill this container. Clean container promptly after emptying. Triple rinse or pressure rinse as follows. **Triple rinse:** 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. Then offer for recycling if available, 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.

Pressure rinse: 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 flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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 or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Glades Formulating Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Glades Formulating Corporation MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Glades Formulating Corporation or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Glades Formulating Corporation election, one of the following: (1) Refund of purchase price paid by buyer or user for product bought, or (2) Replacement of amount of product used.

To the extent consistent with applicable law, Glades Formulating Corporation shall not be liable for losses or damages resulting from handling or use of this product unless Glades Formulating Corporation is promptly notified of such loss or damage in writing. In no case, to the extent consistent with applicable law, shall Glades Formulating Corporation be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Glades Formulating Corporation or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

[EPA APPROVAL DATE]