Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO. 9794.45

GROUP	B		2	HERBICIDE

SEDGEHAMMER+®
HERBICIDE

Sedgehammer+ is a selective herbicide for the control of nutsedge and other weeds in turfgrass, landscaped areas and other specified non-crop areas.

	% by Wt.
ACTIVE INGREDIENT: Halosulfuron-methyl	5.0%
OTHER INGREDIENTS:	95.0%
Total:	100.0%

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PERIOD 2011-2013 LIC. NO.

Read the entire label before using this product. Use only according to label instructions. Read "**NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS**" before buying or using. If terms are not acceptable, return at once unopened.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. • Call poison control center or physician for treatment advice.
Have the product container or label with you when calling a poison control center or physician, or going for treatment. **FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL TOLL FREE 1-888-478-0798.** This product is identified as Sedgehammer+, EPA Reg. No. 81880-24.	

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

CAUSES MODERATE EYE IRRITATION. Avoid contact with eyes or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- 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.

When handlers use closed systems, or 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

NET CONTENTS ___ OUNCES

Produced For:
Canyon Group
c/o Gowan Company
PO Box 5569
Yuma, AZ 85366-5569

EPA Reg. No. 81880-24
EPA Est. No. 67545-AZ-002

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 when disposing of equipment washwaters or rinsate.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product must only be used in accordance with the Directions for Use on this label or in separately published Canyon Supplemental Labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 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 are:
- Coveralls,
- Shoes plus socks, and
- Chemical-resistant gloves made out of any waterproof material.

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.
Keep people off treated areas until spray solution has dried.

PRODUCT INFORMATION

Sedgehammer+ is a selective herbicide for post-emergence control of sedges such as purple and yellow nutsedge in established lawns, ornamental turfgrass and landscaped areas, Sedgehammer+ can be used to selectively control Kyllinga species and certain broadleaf weeds (see chart). Sedgehammer+ may be applied to commercial and residential turf and on other non-crop sites including: airports, cemeteries, fallow areas, golf courses, landscaped areas, public recreation areas, residential property, roadsides, school grounds, sports fields, landscaped areas with established woody ornamentals, fairgrounds, race tracks, tennis courts, campgrounds and rights-of-way.

WEED RESISTANCE STATEMENT

Weeds can develop resistance to herbicides. Some weed biotypes have inherent resistance to certain herbicides. Also, repeated use of herbicides with similar modes of action can result in the development of resistance in weed populations. Sedgehammer+, a member of the sulfonylurea family, is an ALS enzyme inhibiting herbicide. To minimize the potential for resistance development and/or to control resistant weed biotypes, use a variety of cultural, mechanical, and chemical weed control tactics. Rotate with herbicides having other modes of action (e.g. non-ALS/AHAS materials). Contact your professional crop advisor, local cooperative extension specialist, or Gowan representative for additional information.

TURFGRASSES

When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Cool-Season Grasses

Bentgrass, creeping
Agrostis stolonifera

Bluegrass, Kentucky
Poa pratensis

Fescue, fine
Festuca spp.

Fescue, tall
Festuca arundinacea

Ryegrass, perennial
Lolium perenne

Warm-Season Grasses

Bahiagrass
Paspalum notatum

Bermudagrass
Cynodon dactylon

Buffalograss
Bouteloua dactyloides

Centipedegrass
Eremochioa ophiuroides

Seashore paspalum
Paspalum vaginatum

St. Augustinegrass
Stenotaphrum secundadatum

Kikuyugrass
Pennisetum clandestinum

Zoysiagrass
Zoysia japonica

USE RESTRICTIONS AND PRECAUTIONS

For optimum results, do not mow turf for 2 days before or 2 days after application.
This product is effective if no rainfall occurs within 3 hours, but best result are obtained with no rainfall or irrigation for at least 4 hours.
This product may be used on seeded, sodded, or sprigged turfgrass that is well established. Allow the turf to develop a good root system and uniform stand before application.
Treated areas may be overseeded with annual or perennial ryegrass or bermudagrass, 2 weeks after application.
Avoid application of Sedgehammer+ when turfgrass or nutsedge is under stress since turf injury and poor nutsedge control may result.
Do not apply as an over-the-top spray to desirable flowers, ornamentals, vegetables, shrubs or trees.
Annual and perennial herbaceous ornamentals, including color plants, may be injured when transplanted into landscaped areas treated with Sedgehammer+.
Do not apply this product to golf course putting greens.
Do not apply this product through any type of irrigation system. Do not apply this product by air

ESTABLISHED WOODY ORNAMENTALS IN LANDSCAPED AREAS

This product may be applied at specified rates as a post-directed spray around established woody ornamental species in landscaped areas. For transplanted woody ornamentals, allow three months after transplanting before applying this product.

FALLOW TREATMENTS

This product may be used on fallow areas prior to the establishment of turfgrass or woody ornamental plants. Allow 4 weeks between application and seeding or sodding of turfgrass, or transplanting woody ornamentals.

FOR USE ON ROADSIDES, RIGHT OF WAY, TANK FARMS, LUMBERYARDS, FUEL STORAGE AREAS, FALLOW LAND, AND FENCE ROWS FOR HORSETAIL CONTROL

Apply this product at specified rates as a post-emergence spray on roadsides and other industrial sites. When applied post-emergence, this product will suppress the following weeds: cocklebur, common sunflower, common ragweed, giant ragweed, pigweed, and velvetleaf. This product may be tank mixed with Glyphosate herbicide.

APPLICATION DIRECTIONS

Rates and timing of Application

For post-emergence control of purple or yellow nutsedge, Kyllinga and broadleaf weeds mix 0.5 ounce (13.5 grams) of this product (one pouch) in one gallon of water to treat 1000 square feet. Mix or shake the solution to ensure ingredients are completely dispersed. Spray the target weeds thoroughly and wet the entire leaf surface of the undesirable plants. For best results, spray nutsedge after it has reached the 3 to 8 leaf stage of growth.

Sedgehammer+ often works with one application, but depending on the size and age of the nutsedge a second treatment may be required 6 to 10 weeks after the initial treatment.

Note: This product already contains a non-ionic surfactant. No additional mixtures are necessary. Use one pouch for a single application. Once product is mixed with water apply immediately. Do not store the solution.

[1] For Optimum Kyllinga control two applications are recommended.

Control of Horsetail (*Equisetum arvense)*
For post-emergence control of horsetail (*Equisetum* arvense) apply 1 ounce (27 grams) of this product (two pouches) per 1000 square feet after horsetail has leafed out. This rate of product will control horsetail that is less than 6 inches tall and suppress horsetail that is greater than 6 inches tall.

Herbicide symptoms are likely to show within 2 weeks as a necrotic ring at the base of the plant, even though the leaves and stems remain green and a deep leathery green in color.

APPLICATION EQUIPMENT AND INSTRUCTIONS

Calibrate application equipment prior to application of this product. Application should be uniform and of sufficient volume to avoid streaking or skips. Avoid excessive overlap of the spray.

WEEDS CONTROLLED

SEDGE CONTROL: When applied post-emergence, this product will control the following weeds:

Purple nutsedge *Cyperus rotundus*	Yellow nutsedge *Cyperus esculentus*	Green Kyllinga[1] *Kyllinga breviflora*	Annual Kyllinga[1] *Kyllinga sesquiflorus*

ADDITIONAL WEEDS CONTROLLED

C = Control, S = Suppression, NA = No Activity

WEED SPECIES	PREEMERGENT ACTIVITY	POSTEMERGENT ACTIVITY
Burcucumber	NA	S
Cocklebur, common	C	C
Corn Spurry	C	C
Flatsedge, rice	S	C
Fleabane, Philadelphia	NA	C
Galinsoga	C	C
Groundsel, common	C	NA
Jimsonweed	C	NA
Kyllinga, Annual	NA	C
Kyllinga, Green	NA	C
Kochia	C	S
Ladysthumb	C	C
Lambsquarter, common	C	NA
Mallow, Venice	NA	C
Milkweed, common	NA	S
Milkweed, honeyvine	NA	S
Morningglory	NA	S*
Mustard, wild	C	C
Nutsedge, Yellow	S	C
Nutsedge, Purple	S	C
Pigweed, redroot	C	C
Pigweed, smooth	C	C
Pokeweed, common	NA	C
Purslane	S	NA
Radish, wild	C	C
Ragweed, common	C	C
Ragweed, giant	NA	C
Shepherds purse	C	S
Smartweed, Pennsylvania	C	C
Sunflower, common	C	C
Velvetleaf	C	C

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store under cool, dry conditions (below 120°F). Do not store under moist conditions.

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 container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

DISPOSAL AUTHORITIES: If none of the foregoing procedures is permitted by state and local authorities, then contact your State Pesticide or Environmental control Agency, or your local Hazardous Waste Disposal office, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE),CALL CHEMTREC® (800) 424-9300.
For more product information, call toll-free 1-800-883-1844.

NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Canyon Group. All such risks shall be assumed by the Buyer and User.

Canyon Group warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. TO THE EXTENT CONSISENT WITH APPLICABLE LAW, CANYON GROUP MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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