

# Nufarm Prosedge

## Selective Herbicide<sup>2</sup>

Nufarm Prosedge Selective Herbicide<sup>2</sup> is a selective post-emergent herbicide for the control of listed weeds, including both broadleaf weeds and nutsedge, in: turfgrasses (established lawns, ornamental turfgrass, landscaped areas, commercial and residential turfgrass), and other non-crop sites (including airports, cemeteries, fallow areas to establishment of turf grass, golf courses, landscaped areas, public recreation areas, residential property, roadsides, school grounds, sod or turf seed farms, sports fields, landscaped areas with established woody ornamentals, fairgrounds, race tracks, tennis courts, campgrounds and rights-of-way).

**ACTIVE INGREDIENT:**

Halosulfuron-methyl..... 75%

**OTHER INGREDIENTS:** ..... 25%

**TOTAL:** ..... 100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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.)

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

For Medical Emergencies Only, Call (877) 325-1840

EPA Reg. No. 228-711

Manufactured for  
Nufarm Americas Inc.  
150 Harvester Drive  
Burr Ridge, IL 60527



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call poison control center or physician for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call poison control center or physician immediately for treatment advice.</li> <li>• Remove visible particles from mouth.</li> <li>• Have person rinse mouth thoroughly with water, spit out rinse water.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or physician, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- long-sleeved shirt and long pants, 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 CONTROLS STATEMENTS:**

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.

**ENVIRONMENTAL HAZARDS**

Nufarm Prosedge Selective Herbicide<sup>2</sup> is toxic to non-target vascular plants. 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 cleaning equipment or disposing of equipment washwaters or rinsate.

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

In order to limit the potential for ground-water contamination and off-site movement of phytotoxically significant residues via subsurface flow, halosulfuron methyl shall not be used in any areas with the following soil characteristics (use of halosulfuron methyl is only allowed in areas where none of the 3 sets of criteria below are met):

1. Areas (within the confines of a contiguous area representing a single soil series as defined within a single mapping unit) of any soil type with less than 2% organic matter in the upper 24 inches of the soil profile with historical average depth to ground water under 30 feet (utilizing the best available data from the NRCS, local county extension agents, and other sources) within counties with historical average precipitation over 40 inches (utilizing data from any weather station within the county with 20 or more years of continuous weather reporting).
2. Areas with sand or loamy sand soil texture and less than 2.5% organic matter content for at least the upper 24 inches of the soil profile with historical average depth to groundwater under 50 feet (utilizing the best available data from the NRCS, local county extension agents, and other sources) within counties with historical average precipitation over 30 inches (utilizing data from any weather station within the county with 20 or more years of continuous weather reporting).
3. Areas with sandy loam soil texture and less than 2% organic matter in the upper 24 inches of the soil profile with historical average depth to ground water under 40 feet (utilizing the best available data from the NRCS, local county extension agents, and other sources) within counties with historical average precipitation over 35 inches (utilizing data from any weather station within the county with 20 or more years of continuous weather reporting).

## DIRECTIONS FOR USE

It is a violation of Federal law to use Nufarm Prosedge Selective Herbicide<sup>2</sup> in any manner inconsistent with its labeling. Nufarm Prosedge Selective Herbicide<sup>2</sup> can only be used in accordance with the Directions for Use on this label.

Do not apply Nufarm Prosedge Selective Herbicide<sup>2</sup> 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.

Read the entire label before using Nufarm Prosedge Selective Herbicide<sup>2</sup>.

Use only in accordance with label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

### AGRICULTURAL USE REQUIREMENTS

Use Nufarm Prosedge Selective Herbicide<sup>2</sup> 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, forest, 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 the label about personal protective equipment (PPE), restricted-entry interval. The requirements in this box only apply to uses of Nufarm Prosedge Selective Herbicide<sup>2</sup> that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during this 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
- Shoes plus socks
- Chemical-resistant gloves, such as nitrile rubber, neoprene rubber or polyethylene. For more options, follow instructions for category A (dry and water-based formulations) on an EPA chemical resistant category selection chart.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of Nufarm Prosedge Selective Herbicide<sup>2</sup> that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when Nufarm Prosedge Selective Herbicide<sup>2</sup> is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

#### Product Information

Nufarm Prosedge Selective Herbicide<sup>2</sup> is a sulfonylurea herbicide that works by inhibition of acetolactate synthase (ALS). Many factors such as application rate, weed species, weed pressure, conditions of weeds including size and climatic factors impact the degree of weed control. Applications made to actively growing weeds at the early stages of development as described below will optimize performance. In post-emergent weed applications, early treatment is best to control the weeds vying (competing) with the crop.

Nufarm Prosedge Selective Herbicide<sup>2</sup> is quick to act on targeted weeds by stunting growth allowing the crop to overtake the development of the targeted weeds. Once the development of the targeted weeds is stunted, the leaves and growing point begin to discolor and die. Complete control typically occurs within 7 to 14 days depending on the weed size, species and growing conditions. Depending on the stage and development of the targeted weeds, control generally takes place in 7 to 14 days.

#### Resistant Management Guidance

Nufarm Prosedge Selective Herbicide<sup>2</sup> is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to Nufarm Prosedge Selective Herbicide<sup>2</sup> and other Group 2 herbicides. Weed species with acquired resistance to Group 2 may eventually dominate the weed population if Group 2 herbicides are used repeatedly in the same field or in successive years as primary method of control for target species. This may result in partial or total loss of control of those species by Nufarm Prosedge Selective Herbicide<sup>2</sup> or other Group 2 herbicides.

To delay resistance consider:

- Avoiding the consecutive use of Nufarm Prosedge Selective Herbicide<sup>2</sup> or other target site action Group 2 herbicides that have a similar target site of action, on the same weed species.
- Using 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.
- Basing herbicide use on a comprehensive IPM program.
- Monitoring treated weed populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisor, and/or manufacturer and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

#### Mixing Instructions

Nufarm Prosedge Selective Herbicide<sup>2</sup> is a water dispersible granule designed to be diluted with water at the rates listed in the specific crop use direction. Fill the spray tank with approximately 1/2 of the desired volume with water or carrier. With the agitation operating,

add the specified amount of the formulation as listed in the targeted crop use directions. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. Add nonionic surfactant and other spray additives as the last ingredients in the tank. Allow time to fully disperse.

Since Nufarm Prosedge Selective Herbicide<sup>2</sup> forms a suspension in water, it is important to maintain good agitation during mixing and spraying. If the spray suspension is allowed to settle for a short period of time, be sure to agitate the spray suspension for a minimum 10 minutes. Apply spray solutions within 24 hours after mixing.

**INSTRUCTIONS FOR WATER DISPERSIBLE GRANULE IN 1.3 OUNCE BOTTLE:** Mix 0.03 ounces (0.9 gram) of Nufarm Prosedge Selective Herbicide<sup>2</sup> (using the measuring scoop provided) in 1 to 2 gallons of water to treat 1,000 sq. ft. Add 2 teaspoons (1/3 fluid ounce) of nonionic surfactant per gallon of water. Measure Nufarm Prosedge Selective Herbicide<sup>2</sup> as a level and not a rounded scoop. Mix or shake thoroughly for at least two minutes to completely disperse Nufarm Prosedge Selective Herbicide<sup>2</sup>. To ensure that Nufarm Prosedge Selective Herbicide<sup>2</sup> remains thoroughly mixed while spraying, occasionally shake the spray suspension.

**INSTRUCTIONS FOR WATER DISPERSIBLE GRANULE PREMEASURED IN WATER SOLUBLE BAG:** Use one (1) water soluble bag of Nufarm Prosedge Selective Herbicide<sup>2</sup> per 1 to 2 gallons of water in a hand-held or backpack sprayer to treat 1,000 square feet. Add 2 teaspoons (1/3 fl. oz.) of a nonionic surfactant per gallon of spray solution. Mix or shake thoroughly for at least two minutes to completely disperse Nufarm Prosedge Selective Herbicide<sup>2</sup>. To ensure that Nufarm Prosedge Selective Herbicide<sup>2</sup> remains thoroughly mixed while spraying, occasionally shake the spray suspension.

#### **Spray Additives**

Spray additives such as nonionic surfactant (NIS) are used with Nufarm Prosedge Selective Herbicide<sup>2</sup> to improve performance. The typical nonionic surfactant contains a minimum of 80% NIS and is accepted by the EPA for use on food crops. The use rate is 0.25% to 0.50% NIS concentrate (1 to 2 qts. per 100 gallons of spray mixture). Always use NIS in the spray mixture.

For specific details, consult the use direction in crop section

#### **Application Methods**

Apply Nufarm Prosedge Selective Herbicide<sup>2</sup> by ground to produce uniform coverage on growing weeds or soil to achieve consistent weed control. Loss in effectiveness or crop injury may result if weeds are under drought, stress, disease or insect damage.

Uniform, thorough spray coverage is important to achieve consistent weed control. Calibrate application equipment according to manufacturer's specifications. Use nozzle type arrangements that provide optimum spray distribution and maximum coverage while avoid contact to sensitive crop foliage.

Do not apply Nufarm Prosedge Selective Herbicide<sup>2</sup> through any type of irrigation system.

If rainfall or irrigation occurs within 4 hours after application, reduce effectiveness may occur.

Avoid disturbing (e.g. cultivation) treated areas for at least 7 days following application.

Thoroughly clean application equipment immediately after use. See Spray Equipment Cleanout section of this label for complete details.

#### **Ground Applications**

When Nufarm Prosedge Selective Herbicide<sup>2</sup> is applied by ground equipment, use in a minimum of 10 gallons of water per acre for a broadcast application. In dense weed populations and thick canopy cover, higher spray volumes are necessary, e.g. 15 to 20 gallons of water per acre. Use the proper spray volume and nozzles that will ensure thorough and uniform coverage of the targeted weeds. Use directed applications to avoid contacting sensitive crop foliage. Select nozzles that will provide optimum spray volume, distribution and coverage at a pressure (psi) that minimizes spray drift. Inspect nozzle distribution during application to avoid streaking and overspray.

#### **Spray Drift Management**

Do not allow Nufarm Prosedge Selective Herbicide<sup>2</sup> to drift onto neighboring crops or non-crop area or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR. The interaction of many equipment – and weather – related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they must be observed.

#### **Sensitive areas:**

Use pesticides product adjacent to sensitive areas only when there is minimal potential for drift or off target movement, e.g. wind is blowing away from non-target crops, residential areas, known habits for threatened or endangered species, etc.

In California (only), particularly sensitive crops are identified as cotton and prunes. In applications near these sensitive crops utilize the following buffer zones:

- Ground application shall not be made closer than 1 mile from sensitive crops unless wind direction during the application is away from sensitive crops. When wind direction during the ground application is away from sensitive crops, ground application shall not be made closer than 0.5 miles from sensitive crops.

#### **Spray Equipment Cleanout**

The mix tank and spray equipment cleanout is an important stewardship activity to avoid injury to desirable crops. It is important to clean all mixing and spraying equipment immediately after use and before using pesticide products including Nufarm Prosedge Selective Herbicide<sup>2</sup>.

To clean the spraying equipment, follow the general procedure outlined below:

- Completely drain the mix tank and/or sprayer, and then wash thoroughly the tank, sprayer, boom and nozzles with clean water. Drain the system again.

- Fill the mixing or spray tank half full with clean water and add domestic ammonium, normally a 3% solution, at a dilution rate of 1% vol/vol ammonium or 1 gallon per 100 gallons of rinsate.
- Completely fill the tank(s) with additional clean water. Agitate and recirculate and flush out the boom and hoses. Let the system run for 10 to 15 minutes. Drain the system completely.
- Remove any detachable parts of the sprayer and remove any visible solid material. Then soak any detachable parts of the sprayer in a 1% vol/vol ammonium solution. Inspect all parts and remove any visual residues.
- Repeat the above procedure for a second time.
- Flush the mix tank and/or sprayer, boom and hoses with clean water. Drain the system again and inspect for any visible residues. If present, repeat the cleaning cycle again.
- If the rinsate cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### **Tank Mixtures**

To improve Nufarm Prosedge Selective Herbicide<sup>2</sup>'s effectiveness, apply in combination with other pesticide products that are registered for the same use site and application techniques.

A list of potential herbicide tank mixture partners is provided in the use direction section under each use site. This list is an example of products used but is not an all inclusive list. For current information on the best tank mixture partner in your area, consult with the local dealer, distributor or State Agricultural Extension service.

**Refer to the partner product label for important information in regards to the use instructions, spray additive requirements, weeds controlled, the size range of weeds that should be treated, and application restrictions including pre-harvest intervals and crop rotation information. Follow the specifications listed on the most restrictive label when planning and applying the tank mixture combination.**

**The user assumes the responsibility for following all label use directions.**

If Nufarm Prosedge Selective Herbicide<sup>2</sup> is to be tank mixed with other herbicides, a compatibility test should be tested prior to mixing. Use a small container and mix all components in a small amount, usually 0.5 to 1.0 quart of spray. Combine all products in the same ratio and order of addition as in the proposed spray mixture. Observe the mixture for indication of incompatibility which usually occurs in 10 to 30 minutes after mixing. If incompatibility is observed, try changing the order of addition of the components. The general guideline on tank mixture partners is driven by formulation type. Start with wettable powders (WP's) including water soluble bags (WSB's), water dispersible granules (WDG's), suspension concentrated (SC's) or flowable (F's), all with very good agitation. Next follow with water miscible concentrates and emulsifiable concentrates (EC's) before adding drift control additives, nonionic surfactants (NIS's) or crop oil concentrates (COC's). After vigorous agitation, there should be a homogeneous suspension. Let the final tank mixture stand and observe for any rapid settling or floating of components. If any indications of physical incompatibility develop, do not use this mixture for spraying.

#### **Application Restrictions and Precautions**

- Do not use air assisted (air blast) sprayers to apply Nufarm Prosedge Selective Herbicide<sup>2</sup>.
- Do not apply Nufarm Prosedge Selective Herbicide<sup>2</sup> through any type of irrigation system.
- Do not apply more than 5-1/3 ounces by weight of Nufarm Prosedge Selective Herbicide<sup>2</sup> (0.25 lb. active ingredient) per acre per use season on turf.
- Increase in turf injury may result if the seeding depth is too shallow and excessive amounts of water (greater than 1 inch) from rainfall or sprinkler irrigation occurs.
- Avoid spraying when conditions favor rainfall or using overhead sprinkler irrigation within 4 hours of this application.
- Under cool and wet growing conditions that delay early seedling emergence, vigor or growth, Nufarm Prosedge Selective Herbicide<sup>2</sup> may cause injury. These conditions are likely to occur during the first planting of the season.
- The maturity of the turf may be delayed by use of Nufarm Prosedge Selective Herbicide<sup>2</sup>.
- Do not use Nufarm Prosedge Selective Herbicide<sup>2</sup> if the target weeds or turf are under stress due to drought, water saturated soils, low fertility (especially low nitrogen levels) or other poor growing conditions.
- Do not allow Nufarm Prosedge Selective Herbicide<sup>2</sup> to drift outside of targeted area.
- Use nozzles and pressures that minimize the production of fine particles that drift outside of the targeted area.
- After use of Nufarm Prosedge Selective Herbicide<sup>2</sup>, thoroughly clean application equipment immediately prior to another spraying.
- Applications of Nufarm Prosedge Selective Herbicide<sup>2</sup> may cause temporary yellowing or stunting of the turf.
- In California and Arizona due to environmental conditions that delay degradation of Nufarm Prosedge Selective Herbicide<sup>2</sup>, extend the crop rotation intervals on drip irrigated crops.
- When Nufarm Prosedge Selective Herbicide<sup>2</sup> is applied over the top of a blooming turf, bloom loss may occur under certain environmental conditions.
- Do not apply tank mixtures if the turf is under severe stress due to drought, water-saturated soils, poor fertility (especially low nitrogen levels), hail, frost, insects or when the maximum daytime temperature is above 92° F. Under these conditions, tank mixture applications may cause temporary turf injury.
- For this product in water dispersible granule - Use scoop provided to measure dose of Nufarm Prosedge Selective Herbicide<sup>2</sup> as directed on this label.
- For this product in water soluble bags - Do not pierce or open water soluble bag.

#### **For Best Performance**

Many factors such as application rate, weed species, weed pressure, conditions of weeds including size and climatic conditions impact the degree of weed control. Applications made to actively growing weeds at the early stages of development as described below will optimize performance. In post-emergent weed applications, early treatment is best to control the weeds vying (competing) with the crop. For residual control from early post-emergent treatments a second applications may be needed to control later germination of weeds.



Nufarm Prosedge Selective Herbicide<sup>2</sup> is quick to act on targeted weeds by stunting growth allowing the crop to overtake the development of the targeted weeds. Once the development of the targeted weeds is stunted, the leaves and growing point begin to discolor and die. Complete control typically occurs within 7 to 14 days depending on the weed size, species and growing conditions. Depending on the stage and development of the targeted weeds, control generally takes place in 7 to 14 days.

- When using spray additives, carefully follow the listed use instructions.
- In post-emergence applications:
  - Better control is obtained when applied early to actively growing, small (1 to 3 inches in height) broadleaf weeds. Large broadleaf weeds may not be adequately controlled.
  - Nutsedge plants are best controlled at the actively growing, 3- to 5-leaf stage.
  - After a postemergence application, delay overhead sprinkler irrigation for 2 to 3 days.
  - If weeds are under drought, stress disease, or insect damage, DO NOT USE.
- Under heavy weed infestation, use early before the weeds become too competitive with the crop.
- Annual weeds may have multiple flushes of seedlings, or treated perennials may sometimes re-grow from underground stems or roots, depending upon rainfall and other environmental conditions. To maximize control of such weeds, apply a sequential application of Nufarm Prosedge Selective Herbicide<sup>2</sup>.

Use Site	Rate Oz. by Wt./Acre	LIMITATIONS
TURFGRASSES (established lawns, ornamental turfgrass, landscaped areas, commercial and residential turfgrass), AND OTHER NON-CROP SITES (including airports, cemeteries, fallow to establishment of turfgrasses, golf courses, landscaped areas, public recreation areas, residential property, roadsides, school grounds, sod or turf seed farms*, sports fields, residential and commercial landscaped areas with established woody ornamentals, fairgrounds, race tracks, tennis courts, campgrounds and rights-of-way)	2/3 to 1-1/3	Do not make more than 4 applications per use season. Do not apply more than 5-1/3 oz. by wt. of Nufarm Prosedge Selective Herbicide <sup>2</sup> (0.25 lb. active ingredient) per acre per use season. Do not apply Nufarm Prosedge Selective Herbicide <sup>2</sup> through any type of irrigation system. Do not apply Nufarm Prosedge Selective Herbicide <sup>2</sup> by air. * Not for use in OR and WA.

For spray applications, cover the treatment area with sufficient water to provide uniform coverage and distribution of the spray mixture to the weeds. Use 0.25% to 0.5% nonionic surfactant (1 to 2 qts. per 100 gallons of spray suspension) for broadcast applications. For high volume applications, do not exceed 1 quart of spray additive per acre. For spot applications, add 2 teaspoons (1/3 fl. oz. by wt.) of nonionic surfactant per gallon of water. Use only nonionic surfactants which contain at least 80% active material.

Refer to the spray additive label and observe all precautions, mixing and application instructions.

**Post-emergent Weed Activity Table  
by Weed Species**

Common Name	Scientific Name	Control	Suppression	Comments
	<i>Kyllinga</i> spp.		YES	
Nutsedge, Yellow	<i>Cyperus esculentus</i>	YES		Heavy infestation requires sequential applications.
Nutsedge, Purple	<i>Cyperus rotundus</i>	YES		Heavy infestation requires sequential applications.

**Turfgrass** – Use Nufarm Prosedge Selective Herbicide<sup>2</sup> on well established seeded, sodded or sprigged turfgrass for the post-emergent control of nutsedge, e.g. yellow and purple. The turf needs to develop a good root system and uniform stand before application. If needed, overseed treated areas with annual or perennial ryegrass or bermudagrass 2 weeks after application.

**Broadcast Treatments** - After nutsedge has reached the 3- to 8-leaf stage of growth, apply 2/3 to 1-1/3 ounce, of Nufarm Prosedge Selective Herbicide<sup>2</sup> per acre. For light infestations use the lower rate and heavy infestations use the higher rate.

**Sequential Treatments** – To maximize the control of nutsedge, a second post-emergent spot or broadcast spray is applied 6 to 10 weeks after the initial treatment to the areas where nutsedge has re-grown or emerged. After nutsedge has reached the 3- to 8-leaf stage of growth, apply 2/3 to 1-1/3 ounce, of Nufarm Prosedge Selective Herbicide<sup>2</sup> per acre. For light infestations use the lower rate and heavy infestations use the higher rate. Use a spot treatment application for localized control of newly emerged nutsedge. For spot treatments, mix 0.03 ounce (0.9 gram) of Nufarm Prosedge Selective Herbicide<sup>2</sup> in 1 to 2 gallons of water to treat 1,000 square feet.

**Woody Ornamentals in Landscaped Areas**

Use Nufarm Prosedge Selective Herbicide<sup>2</sup> as a post-directed spray at the specified use rates around established woody ornamental plants in residential and commercial landscaped areas. If applications are to be made to transplanted woody ornamentals, allow 3 months after transplanting before applying Nufarm Prosedge Selective Herbicide<sup>2</sup>.

**Fallow Treatments**

Nufarm Prosedge Selective Herbicide<sup>2</sup> may be used on fallow areas prior to establishing turfgrass plants. Wait 4 weeks between application and seeding or sodding of turfgrass.

**Restrictions and Precautions:**

Do not mow turfgrass for 2 days before or 2 days after application for best results.  
 Nufarm Prosedge Selective Herbicide<sup>2</sup> is effective if no rainfall occurs within 3 hours, but best results are obtained with no rainfall or irrigation for at least 4 hours.  
 Do not apply Nufarm Prosedge Selective Herbicide<sup>2</sup> to golf course putting greens.  
 When transplanted into landscaped areas treated with Nufarm Prosedge Selective Herbicide<sup>2</sup>, flowers, ornamentals plants and shrubs may be injured.  
 Avoid contact of the spray containing Nufarm Prosedge Selective Herbicide<sup>2</sup> to desirable flowers, ornamentals, shrubs or trees as discoloration, severe foliar injury or death may result.  
 Avoid application of Nufarm Prosedge Selective Herbicide<sup>2</sup> when turfgrass or nutsedge is under stress since turf injury and poor nutsedge control may occur.  
 Do not exceed the specified amount of spray additive due to the potential for turf injury at higher rates.

**Turfgrass Renovation**

For turfgrass renovations, apply at 2/3 ounce by weight per acre in combination with glyphosate herbicide formulations labeled for turfgrass renovation. This is for a non-selective pre-plant burndown of emerged annual grasses, broadleaf weeds and nutsedge. Wait 4 weeks between application and seeding or sodding of turfgrass.

**Refer to the glyphosate formulation label for important information in regards to the use instructions, additive requirements, weeds controlled, the size range of weeds that should be treated, and application restrictions. Follow the specifications listed on the most restrictive label when planning and applying the tank mixture combination.**

The user assumes the responsibility for following all label use directions.

Use Site	Rate Oz. by wt./Acre	LIMITATIONS
ROADSIDES, RIGHTS-OF-WAY, TANK FARMS, LUMBERYARDS, FUEL STORAGE AREAS, FALLOW NON CROP LAND, AND FENCE ROWS	2-2/3	Do not make more than 2 applications per use season. Do not apply more than 5-1/3 oz. by wt. of Nufarm Prosedge Selective Herbicide <sup>2</sup> (0.25 lb. active ingredient) per acre per 12-month period. Do not apply Nufarm Prosedge Selective Herbicide <sup>2</sup> through any type of irrigation system. Do not apply Nufarm Prosedge Selective Herbicide <sup>2</sup> by air.

For spray applications, cover the treatment area with sufficient water to provide uniform coverage and distribution of the spray mixture to the weeds. Use 0.25% to 0.5% nonionic surfactant (1 to 2 qts. per 100 gallons of spray solution) for broadcast applications.

**Post-emergent Weed Activity Table  
by Weed Species**

Common Name	Scientific Name	Control	Suppression	Comments
Cocklebur, common	<i>Xanthium strumarium</i>		YES	
Horsetail	<i>Equisetum arvense</i>	YES	YES	Control if weeds are less than 6 inches tall. Suppression if weeds are greater than 6 inches tall
Pigweed, redroot	<i>Amaranthus retroflexus</i>		YES	
Pigweed, smooth	<i>Amaranthus hybridus</i>		YES	
Ragweed, common	<i>Ambrosia artemisiifolia</i>		YES	
Ragweed, giant	<i>Ambrosia trifida</i>		YES	
Sunflower	<i>Helianthus annuus</i>		YES	
Velvetleaf	<i>Abutilan theophrasti</i>		YES	

For postemergence control of horsetail (*Equisetum arvense*), apply 2-2/3 ounces by weight of Nufarm Prosedge Selective Herbicide<sup>2</sup> per acre or 0.06 ounce by weight (1.8 grams) of Nufarm Prosedge Selective Herbicide<sup>2</sup> per 1,000 square feet (0.125 lb. active ingredient per acre) after horsetail has leafed out. Within 14 days after application, signs of herbicide effect will appear 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.

For a non-selective burndown of emerged annual grasses, broadleaf weeds and nutsedge, use Nufarm Prosedge Selective Herbicide<sup>2</sup> in combination with glyphosate herbicide formulations labeled for these same uses.

Refer to the glyphosate formulation label for important information in regards to the use instructions, additive requirements, weeds controlled, the size range of weeds that should be treated, and application restrictions. Follow the specifications listed on the most restrictive label when planning and applying the tank mixture combination.

The user assumes the responsibility for following all label use directions.

For planting any plants, trees, or brush not provided for on this label, do a test for residual toxicity by planting material diagonally across treated area before planting the entire area.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry and secure location. [Water soluble packaging] Do not store at temperatures below 32° F (0° C). Rough handling may cause breakage, especially at low temperatures. Do not allow inner bag to become wet during storage. Do not handle inner bag with wet gloves.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL:

**Plastic Bottle Packaging:** 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 and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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 and 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.

Once triple rinsed, recycle if available. Some agricultural pesticide containers can be taken to a container collection site or pick up for recycling. To find the nearest site, contact your chemical dealer or manufacturer. If recycling is not available, dispose of in a sanitary landfill or by incineration if allowed by state and local ordinances.

**Water Soluble Packaging:** Nonrefillable container. Do not reuse or refill this container. Completely use water soluble bags in application equipment. Then offer for recycling if available, or dispose of empty foil pouch and cardboard box in a sanitary landfill, or by incineration, or by burning, if allowed by state and local authorities. If burned, stay out of smoke.

## WARRANTY DISCLAIMER

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Made in China, packaged in USA.