



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

89442-44

Date of Issuance:

11/19/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Prodiazone Select

Name and Address of Registrant (include ZIP Code):

Prime Source, LLC
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

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.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 89442-44."

Signature of Approving Official:

Kathryn V. Montague, Product Manager 23
Herbicide Branch, Registration Division (7505P)

Date:

11/19/18

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

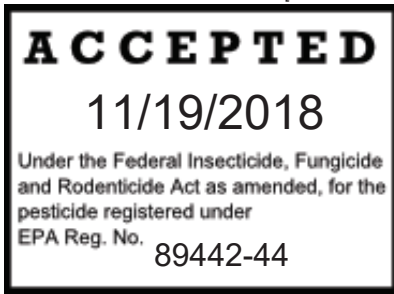
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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 06/29/2018

If you have any questions, please contact me by phone at 703-305-1243, or via email at montague.kathryn@epa.gov.

Enclosure



SULFENTRAZONE	GROUP	14	HERBICIDE
PRODIAMINE	GROUP	3	HERBICIDE

Prodiazone Select

For Pre-Emergence and Early Post-Emergence Control of Crabgrass, Selected Annual Grasses, Sedges and Annual Broadleaf Weeds in Turf and Ornamental Sites - Residential and Institutional Lawns and Landscapes, Athletic Fields, Commercial Sod Farms, Golf Course Fairways and Roughs, Roadsides, Utility Right-Of-Ways, Railways, Industrial Areas, and Container and Field Grown Ornamentals.

ACTIVE INGREDIENTS:	% BY WT.
Sulfentrazone: N-[2,4-dichloro-5-[1-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide	13.6%
Prodiamine: N ³ ,N ³ -Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine	27.3%
OTHER INGREDIENTS:	<u>59.1%</u>
TOTAL:	100.0%

Prodiazone Select contains 1.33 lbs. sulfentrazone and 2.67 lbs. prodiamine per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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 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 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 .	

[Optional referral statements when booklets and container labels are used:

See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements,] [Directions For Use,] and [Storage and Disposal.]

EPA Reg. No. 89442-XX

EPA Est. No. XXXXX-XX-XXX

Net Contents: _____

Manufactured For:

Prime Source, LLC
P.O. Box 250
10025 Hwy. 264 Alternate
Middlesex, NC 27557

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye irritation. Harmful if inhaled, swallowed, or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in certain individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. 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.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to marine/estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Groundwater Advisory: Sulfentrazone is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not use on coarse soils classified as sand which have less than 1% organic matter.

Surface Water Advisory: Sulfentrazone can contaminate surface water through spray drift. Under some conditions, sulfentrazone may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters.

DIRECTIONS FOR USE

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

Do not apply 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.

Shake Well Before Using.

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. These requirements 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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus 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.

Re-Entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

PRODUCT INFORMATION

Prodiazone Select is a selective pre-emergence and early post-emergence herbicide for control of sedges, crabgrass, annual grass and broadleaf weeds in turf sites including residential and institutional lawns, athletic fields, commercial sod farms, golf course fairways and roughs, roadsides, utility right-of-ways, railways and industrial areas and ornamental sites, including landscapes and container and field grown ornamentals.

Prodiazone Select is a flowable formulation (suspension concentrate) containing 4 lbs. of active ingredient per gallon. The mode of action of **Prodiazone Select** involves uptake by both weed roots and shoots of existing weeds and prevention of growth by newly emerged weed seedlings.

MIXING AND APPLICATION INSTRUCTIONS

Handling Instructions

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly contained mixing/loading areas.

Operations that involve mixing, loading, rinsing or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well, are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Spray Tank Preparation

It is important that spray equipment is clean and free of existing pesticide deposits before using this product. Follow the spray tank clean out procedures specified on the label of product. Previously applied before adding **Prodiazone Select** to the tank. **Prodiazone Select** is a suspension concentrate intended for dilution with water. In certain applications, liquid fertilizer may replace water as diluent.

Mixing With Water

For best results, fill spray tank with one fourth of the volume of clean water needed for the area to be treated. Start the agitation system and add **Prodiazone Select** to the tank. Make sure **Prodiazone Select** is thoroughly mixed before application or before adding another product to the spray tank.

Mixing With Liquid Fertilizers

The addition of a sprayable nitrogen fertilizer with a nitrogen percentage above 20% may increase herbicidal activity on certain weeds and decrease turf tolerance on desirable turfgrass cultivars. Utilize local recommendations for sources and rates of fertilizer and refer to mixing directions on the fertilizer labels (e.g., UAN or urea solutions). Determine the compatibility of this product with the desired fluid fertilizer by mixing small proportional quantities in advance (see the **Tank Mixtures Compatibility** section below).

Tank Mixtures Compatibility

Prodiazone Select is believed to be compatible with most herbicides, fungicides, insecticides, growth regulators, liquid fertilizers and spray adjuvants commonly used in turf and ornamental plant management. However, when preparing a new tank mix conduct an appropriate compatibility test by mixing proportional amounts of all spray ingredients in a test vessel (jar) prior to tank mixing with other products. Shake the mixture vigorously and allow it to stand for five to ten minutes. Rapid precipitation of the ingredients and failure to resuspend when shaken indicates that the mixture is incompatible and should not be applied. Provided the jar test indicates the mixture to be compatible, prepare the tank mixture as follows: Fill the tank one fourth full with water. With the agitator operating, add the recommended amounts of ingredients using the following order: dry granules first and liquid suspensions (flowable) second. As the agitation continues and the tank is filled with water add EC products third followed by the addition of water soluble products.

It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Read and observe mixing instructions of all tank mix partners. Also, read each product's label for Directions for Use, Precautionary Statements, and Restrictions and Limitations. The most restrictive labeling applies in all tank mixtures. No label dosage rate may be exceeded. Tank mixture recommendations are for use only in states where the companion products and application site are registered. In addition, certain states or geographical regions may have established dosage rate limitations. Consult your State Pesticide Control Agency for additional information regarding the maximum use rates.

Use **Prodiazone Select** spray mixture immediately after mixing. Do not allow spray solutions to stand or dry in the tank.

Do not apply by air.

Ground Equipment

Power Sprayers: Uniform and accurate spray coverage requires proper calibration and operation of spray equipment. The use of marker dyes or foams can improve application accuracy. Boom sprayers equipped with appropriate flat fan nozzles, tips and screens are ideal for broadcast applications. Power sprayers fitted with spray wand/gun may also be used for broadcast application after careful calibration by the applicator. Power sprayers fitted with spray wand/gun are suitable for spot treatments. It is important to avoid over application of this product due to excessive overlapping or spot treatment.

Hand Operated Sprayers: Backpack and compression sprayers are appropriate for small turfgrass areas and spot treatments. Wands fitted with a flat fan nozzle tip should be held stationary at the proper height during application. A side-to-side or swinging arm motion may result in uneven coverage or excessive application.

Apply this product in a sufficient volume of carrier solution to provide a uniform spray distribution. Spray volumes of 20 - 175 gallons per acre (0.5 to 4.0 gals./1,000 sq. ft.) with spray pressures adjusted to 20 - 40 PSI are appropriate. Apply the higher spray volumes for dense weed populations.

Sprayer Equipment Clean-Out

After spraying **Prodiazone Select** and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure:

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse the inside of the sprayer tank with clean water to remove sediment and residues. In addition, thoroughly flush sprayer hoses, boom, and nozzles with clean water.
2. Fill the tank ½ full with clean water, and add appropriate detergent or ammonia (follow manufacturer's directions for use). Fill the tank to capacity and operate the sprayer for 15 minutes to flush hoses, boom, and nozzles.
3. Drain the sprayer system. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray tips and screens separately.
4. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State, and local regulations and guidelines.

Do not drain or flush equipment on or near desirable trees or plants.

Do not contaminate any body of water including irrigation water that may be used on other plants.

RESISTANCE MANAGEMENT

Prodiazone Select contains sulfentrazone classified in the triazolinone chemical class as a Group 14 herbicide, protoporphyrinogen oxidase inhibitor and prodiamine classified in the dinitroaniline chemical class as a Group 3 herbicide, microtubule assembly inhibitor. Herbicide resistance is defined as the inherited ability of a plant to survive and reproduce following exposure to a dose of herbicide normally lethal to the wild type. In a plant, resistance may be naturally occurring or induced by such techniques as genetic engineering or selection of variants produced by tissue culture or mutagenesis. Any weed population may contain or develop plants that are naturally resistant to **Prodiazone Select** and other Group 14 and 3 herbicides. Weed species with acquired resistance to Group 14 and 3 herbicides may eventually dominate the weed population if Group 14 and 3 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 **Prodiazone Select** or other Group 14 and 3 herbicides.

To delay herbicide resistance, consider the below best practices for resistance management:

- Plant into weed-free fields and keep fields as weed-free as possible.
- To the extent possible, use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices such as mechanical cultivation, biological management practices, and crop rotation.
- Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.
- To the extent possible do not allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seed-bank.
- Prevent field-to-field and within-field movement of weed seed or vegetative propagules. Thoroughly clean plant residues from equipment before leaving fields.
- Prevent an influx of weeds into the field by managing field borders.
- Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.
- Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.
- Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. Do not use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.
- If resistance is suspected, treat weed escapes with an herbicide with a different MOA or use non-chemical methods to remove escapes.
- Monitor treated weed populations for loss of field efficacy.
- Scout field(s) before and after application.
- Report lack of performance to Prime Source, LLC or their representative.

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.

Contact your local sales representative, extension agent, or certified crop advisors to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of action for each target weed.

SPRAY DRIFT

- Select nozzles and application pressure that deliver medium to coarse or larger spray droplets as indicated in the nozzle manufacturer's recommendations and in accordance with ASABE* Standard S-572.
- Select coarse to very coarse droplet size when sulfentrazone is used as a pre-emergent/pre-plant application.
- Select medium to very coarse droplet size when sulfentrazone is used post-emergence with a contact burndown herbicide.
- Applicators may spray only when wind speed is between 3 and 10 mph.
- Do not apply as spray droplets smaller than medium to coarse (defined by the ASABE* standard).
- Ground applicators must use a minimum finished spray volume of 10 gallons per acre.
- When sulfentrazone is tank mixed with a contact burndown herbicide, ground applicators must use a minimum spray volume of 15 gallons per acre.

DIRECTIONS FOR USE IN TURFGRASS

Established Turf

This product may be used on seeded, sodded or sprigged turfgrasses that are well established. First application of this product can be made following the second mowing, providing the grass has developed into a uniform stand with a good root system. Turf injury may result from application of this product on turf that is not well established or has been weakened by stresses such as unfavorable weather conditions, disease, chemical or mechanical influences.

When applied as directed under the conditions described, the following established grasses are tolerant to Prodiazone Select at the recommended use rates in a range from 0.250 to 1.125 lbs. a.i./acre (8 to 36 fl. oz./acre or 0.184 to 0.8264 fl. oz./1,000 sq. ft.). Do not exceed 1.125 lbs. a.i./acre (36 fl. oz./acre) per calendar year.

Table 1. Tolerant Grasses

Grass Type	Use Rates		
	Do not exceed maximum use rates per turf species in a single application.		
Cool Season Grasses	Fluid Ounces of Prodiazone Select per Acre	Lb. A.I. per Acre	Fluid Ounces of Prodiazone Select per 1,000 sq. ft.
Bentgrass, Creeping ¹ Fescue, Fine ² (<i>Festuca rubra</i>) Ryegrass, perennial (<i>Lolium perenne</i>)	8 - 12 fl. oz.	0.25 ³ lb. a.i. (0.083 lb. sulfentrazone) (0.167 lb. prodiamine) to 0.375 ³ lb. a.i. (0.125 lb. sulfentrazone) (0.25 lb. prodiamine)	0.184 - 0.275 fl. oz.
Bluegrass, Kentucky (<i>Poa pratensis</i>) Fescue, Tall ² (<i>Festuca arundinacea</i>)	18 - 24 fl. oz.	0.57 ³ lb. a.i. (0.19 lb. sulfentrazone) (0.38 lb. prodiamine) to 0.75 ³ lb. a.i. (0.25 lb. sulfentrazone) (0.5 lb. prodiamine)	0.413 - 0.551 fl. oz.
Sequential Application for Mixed Cool Season Turf/Cool Season Blends consisting of:			
Fescue, Fine ² (<i>Festuca rubra</i>) Ryegrass, Perennial (<i>Lolium perenne</i>) Bluegrass, Kentucky (<i>Poa pratensis</i>) Fescue, Tall ² (<i>Festuca arundinacea</i>)	12 fl. oz. Followed by 6 - 12 fl. oz. 30 - 60 days later	0.375 ³ lb. a.i. (0.125 lb. sulfentrazone) (0.25 lb. prodiamine) Followed by 0.25 ³ lb. a.i. (0.083 lb. sulfentrazone) (0.167 lb. prodiamine) to 0.375 ³ lb. a.i. (0.125 lb. sulfentrazone) (0.25 lb. prodiamine)	0.275 fl. oz. Followed by 0.18 - 0.275 fl. oz. 30 - 60 days later
Warm Season Grasses			
Bahiagrass (<i>Paspalum notatum</i>) Buffalograss (<i>Buchloe dactyloides</i>) Carpetgrass (<i>Axonopus affinis</i>)	18 - 24 fl. oz.	0.57 ³ lb. a.i. (0.19 lb. sulfentrazone) (0.38 lb. prodiamine)	0.413 - 0.551 fl. oz.

Centipedegrass (<i>Eremochloa ophiuroides</i>) Kikuyugrass (<i>Pennisetum clandestinum</i>) Seashore Paspalum (<i>Paspalum vaginatum</i>) Zoysiagrass (<i>Zoysia japonica</i>)		to 0.75 ³ lb. a.i. (0.25 lb. sulfentrazone) (0.5 lb. prodiamine)	
Bermudagrass (<i>Cynodon Dactylon</i>) & hybrids	24 - 36 fl. oz.	0.75 ³ lb. a.i. (0.25 lb. sulfentrazone) (0.5 lb. prodiamine) to 1.125 ³ lb. a.i. (0.374 lb. sulfentrazone) (0.751 lb. prodiamine)	0.551 - 0.826 fl. oz.

¹If bentgrass is mowed lower than 0.5 inch, do not apply **Prodiazone Select**.

²Use of this product on certain varieties of Chewings Fine Fescue or Tall Fescue cultivars may result in undesirable injury.

³**Prodiazone Select** may be applied more than once per year if needed as long as total amount applied does not exceed the maximum application rate per turf type or 1.125 lbs. a.i./acre (36 fl. oz./acre), whichever is lower.

- Use of this product on certain cultivars of Chewings Fescue, Fine Fescue or Tall Fescue cultivars may result in undesirable injury.
- **Prodiazone Select** application may cause temporary discoloration to exposed leaf surfaces on certain cultivars of zoysiagrass. Treated turfgrass will recover with new growth. Discolored leaf tissue will be removed with mowing. To reduce potential for discoloration, do not apply **Prodiazone Select** on turfgrass that is weakened by weather, mechanical, chemical, disease or other related stress. Maintain proper cultural practices such as adequate moisture and fertility levels to promote healthy turf growth.
- **Prodiazone Select** applications made to fully dormant zoysiagrass does not appear to affect spring transition. Zoysiagrass tends to be most sensitive to **Prodiazone Select** applications during spring and fall transition. **Prodiazone Select** may cause temporary discoloration to exposed leaf surfaces of certain zoysiagrass cultivars. The temporary discoloration that may occur does not adversely affect long-term growth. Affected turfgrass will recover and discolored leaf tissue will be removed with mowing.
- Do not add a surfactant or liquid fertilizers containing greater than 20% nitrogen as this may exacerbate discoloration.
- Allow for 7 days separation between **Prodiazone Select** applications and plant growth regulator applications. Applications made within 7 days of plant growth regulators may lengthen discoloration.
- **Prodiazone Select** has demonstrated tolerance on both cool and warm season turfgrasses. However, not all varieties and or cultivars have been evaluated. Turfgrass managers desiring to treat newly released varieties should first apply **Prodiazone Select** to a small area prior to treatment of larger areas.

Table 1A. Applications for St. Augustine Grass - Application of Prodiazone Select to St. Augustine Grass may cause temporary discoloration to exposed leaf surfaces of St. Augustine grass. Treated turfgrass will recover with new growth and discolored leaf tissue will be removed with mowing.

Do not apply Prodiazone Select to St. Augustine grass if temporary discoloration cannot be accepted.

Warm Season Grass	Fluid Ounces per Acre	Lb. A.I. per Acre	Fluid Ounces per 1,000 Sq. Ft.
<i>St. Augustine</i>	18 fl. oz.	0.57 lb. a.i.	0.413 fl. oz.
	Followed by	Followed by	Followed by
	18 fl. oz.	0.57 lb. a.i.	0.413 fl. oz.
	45 - 60 days later	45 - 60 days later	45 - 60 days later

Table 2. Weeds Controlled with Pre-Emergence Application

Common Name	Scientific Name
Barnyardgrass	(<i>Echinochloa crus-galli</i>)
Bluegrass Annual ¹	(<i>Poa annua</i>)
Carpetweed	(<i>Mollugo verticillata</i>)
Carolina Geranium	(<i>Geranium carolinianum</i>)
Chickweed, Common ²	(<i>Stellaria media</i>)
Chickweed, Mouseear (From Seed)	(<i>Cerastium vulgatum</i>)
Crabgrass (Large, Smooth) ³	(<i>Digitaria spp.</i>)
Crowfootgrass	(<i>Dactyloctenium aegyptium</i>)
Cupgrass, Woolly	(<i>Eriochloa villosa</i>)
Foxtails, Annual	(<i>Setaria spp.</i>)
Goosegrass ⁴	(<i>Eleusine indica</i>)
Hairy Bittercress	(<i>Cardamine hirsute</i>)
Henbit ²	(<i>Lamium amplexicaule</i>)
Itchgrass	(<i>Rottboellia exaltata</i>)
Knotweed, Prostrate	(<i>Polygonum aviculare</i>)
Kochia	(<i>Kochia scoparia</i>)
Kyllinga, Green	(<i>Kyllinga brevifolia</i>)
Kyllinga, False	(<i>Kyllinga gracillima</i>)
Lambsquarters, Common	(<i>Chenopodium album</i>)

Lovegrass	(<i>Eragrostis</i> spp.)
Nutsedge, Yellow	(<i>Cyperus esculentus</i>)
Panicum (Texas, Fall)	(<i>Panicum</i> spp.)
Pigweed, Redroot	(<i>Amaranthus retroflexus</i>)
Purslane, Common	(<i>Portulaca oleracea</i>)
Pusley, Florida	(<i>Richardia scabra</i> L.)
Sedge, Globe	(<i>Cyperus globulosus</i>)
Sedge, Cylindrical	(<i>Cyperus retrorsus</i>)
Sedge, Surinam	(<i>Cyperus surinamensis</i>)
Sedge, Texas	(<i>Cyperus polystachyos</i>)
Shepherd's Purse ²	(<i>Capsella bursa-pastoris</i>)
Signalgrass, Broadleaf	(<i>Brachiaria platyphylla</i>)
Speedwell	(<i>Veronica</i> spp.)
Sprangletop	(<i>Leptochloa</i> spp.)
Spurge, Prostrate	(<i>Euphorbia humistrata</i>)
Witchgrass	(<i>Panicum capillare</i> L.)
Woodsorrel, Yellow (From Seed)	(<i>Oxalis stricta</i>)

¹*Poa annua* is a winter annual. Applications of **Prodiakone Select** should be made in August or September to established, non-overseeded turf before *Poa annua* germinates. Consult local Cooperative Extension Service for more specific applications timings for your local area since August and September are approximate timings.

²Apply **Prodiakone Select** in late summer, fall, or winter before weed germinates for control.

³Crabgrass control in cool season grasses from fall application: Areas where the ground is subject to winter freezes, **Prodiakone Select** may be applied in the fall at rates listed in Table 1 (8 - 24 fluid ounces per acre) for cool season grasses when soil temperatures are below 50°F, but prior to the ground freezing. This will provide control of crabgrass the following spring.

⁴In areas of extended growing season and heavy pressure, weed control will be enhanced by a second application of **Prodiakone Select** 60 - 90 days after initial application. However, do not exceed the maximum single application rate specified for the turf species in Table 1 and do not exceed the maximum yearly rate of 1.125 lbs. a.i./acre (36 fl. oz./acre).

Post-Emergence Control of Annual, Biennial & Perennial Broadleaf Weeds, Grasses and Sedges

Prodiakone Select will control or suppress the weeds listed in Table 3 when applied shortly after weeds have emerged. Do not exceed the application rate specified for the turf species in Table 1. Do not apply adjuvants or surfactants with post applications of **Prodiakone Select** unless tested on small areas prior to broadcast applications.

Table 3. Weeds Controlled or Suppressed When Application is Made Post-Emergence to Weeds

Common Name	Scientific Name	Controlled	Suppressed
Bittercress	(<i>Cardamine</i> spp.)		X
Black Medic	(<i>Medicago lunulina</i>)		X
Buttercups	(<i>Ranunculus</i> spp.)		X
Carolina Geranium	(<i>Geranium carolinianum</i>)	1	
Carpetweed	(<i>Mollugo verticillata</i>)		X
Chickweed, Common	(<i>Stellaria media</i>)	1	
Chickweed, Mouseear	(<i>Cerastium vulgatum</i>)		X
Cinquefoil	(<i>Potentilla</i> spp.)		X
Clover	(<i>Trifolium</i> spp.)		X
Crabgrass (Large And Smooth)	(<i>Digitaria</i> spp.)	2	
Cudweed	(<i>Gnaphalium</i> spp.)		X
Dandelion	(<i>Taraxacum officinale</i>)		X
Dock, Curly	(<i>Rumex crispus</i>)		X
Evening Primrose	(<i>Oenothera biennis</i>)		X
Fiddleneck	(<i>Amsinckia</i> spp.)		X
Filaree	(<i>Erodium</i> spp.)		X
Goldenrod	(<i>Solidago</i> spp.)	1	
Goosegrass	(<i>Eleusine indica</i>)	2	
Ground Ivy	(<i>Glechoma hederacea</i>)	1	
Henbit	(<i>Lamium amplexicaule</i>)		X
Knotweed, Prostrate	(<i>Polygonum aviculare</i>)		X
Kochia	(<i>Kochia scoparia</i>)	1	
Lambsquarters, Common	(<i>Chenopodium album</i>)		X
Lawn Burweed	(<i>Soliva pterosperma</i>)		X
Lespedeza, Common	(<i>Lespedeza striata</i>)		X
Mallow, Common	(<i>Malva neglecta</i>)		X
Nutsedge, Yellow	(<i>Cyperus esculentus</i>)	C	
Parsley Piert	(<i>Alchemilla arvensis</i>)	1	
Pigweed, Redroot	(<i>Amaranthus retroflexus</i>)	1	
Pigweed, Tumble	(<i>Amaranthus albus</i>)	1	
Pineapple Weed	(<i>Matricaria matricarioides</i>)		X
Plantain, Buckhorn	(<i>Plantago lanceolata</i>)	1	

Puncture Weed	(<i>Tribulus terrestris</i>)		X
Purslane, Common	(<i>Portulaca oleracea</i>)		X
Pusley, Florida	(<i>Richardia scabra</i>)	1	
Redweed	(<i>Melochia corchorifolia</i>)		X
Rocket, London	(<i>Sisymbrium irio</i>)		X
Smartweed, Pennsylvania	(<i>Polygonum pensylvanicum</i>)	1	
Sorrel, Red	(<i>Rumex acetosella</i>)		X
Speedwell	(<i>Veronica spp.</i>)	1	
Spurge (Annuals)	(<i>Euphorbia spp.</i>)	1	
Spurge, Prostrate	(<i>Euphorbia humistrata</i>)	1	
Spurge, Spotted	(<i>Euphorbia maculata</i>)	1	
Star of Bethlehem	(<i>Ornithogalum umbellatum</i>)	1	
Velvetleaf	(<i>Abutilon theophrasti</i>)		X
Violet, Wild	(<i>Viola pratincola</i>)		X
Wild Garlic	(<i>Allium vineale</i>)		X
Wild Onion	(<i>Allium canadense</i>)		X
Woodsorrel, Creeping	(<i>Oxalis corniculata</i>)		X
Woodsorrel, Yellow	(<i>Oxalis stricta</i>)	1	

- Weeds are suppressed at lower label rates (<24 fl. oz./acre). For optimum control apply rates of at least 24 fl. oz. per acre in a single application. Do not exceed the application rate specified for the turf species in Table 1.
- Prodiazone Select** controls crabgrass and goosegrass when applied post-emergent to newly emerged weeds up to the 1-4 leaf stage of development.

Application to Reseeded, Overseeded or Sprigged Areas

Reseeding, overseeding or sprigging of treated areas within three to twelve (3-12) months after application of this product could inhibit the establishment of desirable grasses. (See table for exact intervals from application.)

Best results are obtained for reseeding or overseeding when mechanical or power seeding equipment (slit seeders) are used to give good seed to soil contact and proper soil cultivation, irrigation and fertilization practices are followed.

Table 4. Overseeding Intervals after Prodiazone Select Applications

Total Amount of Prodiazone Select Applied Ounces Product/Acre	Interval (Months Before Overseeding)		
	North	Transition	South
8 - 12	3	3	3
18	3	3	3
24	4	4	4
36	6	5	5

Sod Production

It is recommended that sod be established for at least four (4) months before an application of **Prodiazone Select**. Do not apply this product within three (3) months of harvest.

Precaution

- Temporary turfgrass discoloration has been observed when a Primo-type plant growth regulator has been either tank-mixed or applied within 7 days of a **Prodiazone Select** application. It is recommended that Primo-type plant growth regulator applications be made 7 days prior to, or after **Prodiazone Select** application to reduce risk of turfgrass discoloration.

Restrictions

- Do not apply to golf course putting greens or tees.
- Do not use on turfgrasses other than those listed on this label.
- Do not graze or feed livestock, forage cut from areas treated with **Prodiazone Select**.
- Do not apply directly to landscape ornamental foliage or ornamental beds containing dormant bulbs or non-woody perennials.
- Do not apply to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.
- Do not apply to creeping bentgrass if mowing height is less than 0.5 inch.
- Do not harvest treated sod before 90 days after application.
- Do not apply to newly set sod until the sod has rooted and exposed edges have grown in.
- Do not apply with surfactants unless previous experience has demonstrated combinations with surfactant to be physically compatible and non-injurious to the grass type in question.
- .

DIRECTIONS FOR USE IN SELECTIVE WEED CONTROL IN CONTAINER AND FIELD GROWN ORNAMENTALS

Apply as a directed spray toward the base of the plant. Do not spray over-the-top. **Prodiazone Select** is most effective when applied to soil free of clods, weeds, debris such as leaves or mulch. Apply pre-emergence with at least 0.25 inch of irrigation or rainfall to insure the product is activated in the soil before weed seeds germinate.

The addition of liquid fertilizers and/or surfactants can increase the probability of superficial damage to green plant tissue inadvertently treated with **Prodiazone Select**. Tank mixing with liquid fertilizers is not recommended. Apply with liquid fertilizers

and/or surfactants only if previous experience has demonstrated combinations to be physically compatible and non-injurious to the ornamental plant type in question.

Use Precautions

1. Direct application of **Prodiazone Select** onto actively growing foliage can cause unacceptable injury to desirable plants. See Table 5 for a list of tolerant plants. To reduce injury, apply **Prodiazone Select** as a site directed spray to the soil around the base of the plant. Avoid application directly to plant foliage where possible. However, if the application makes contact with the foliage, apply overhead irrigation to wash **Prodiazone Select** from the plant surfaces onto the soil.
2. Do not apply to areas where ornamental bulbs or dormant non-woody perennials are present. **Prodiazone Select** is soil-active and may damage these plants upon emergence.

Tolerant Ornamental Species

The species listed below in Table 5 are tolerant to **Prodiazone Select**. Apply only to listed tolerant ornamental species.

When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to **Prodiazone Select**.

Table 5. Tolerant Ornamental Species

Common Name	Scientific Name
Anise Tree	<i>Illicium</i> spp.
Arborvitae	<i>Thuja</i> spp.
Azalea and Rhododendron	<i>Rhododendron</i> spp.
Boxwood Species	<i>Buxus</i> spp.
Bridal - Wreath	<i>Spiraea prunifolia</i>
Cape Jasmine, Radicans	<i>Gardenia augusta</i>
Cedar, Western Red	<i>Thuja plicata</i>
Crape Myrtle	<i>Lagerstroemia indica</i>
Cypress, Bald	<i>Taxodium distichum</i>
Douglas Fir	<i>Pseudotsuga menziesii</i>
Fraser Fir	<i>Abies fraseri</i>
Holly	<i>Ilex</i> spp.
Holly, Dwarf Yaupon	<i>Ilex vomitoria 'Nana'</i>
Holly, Meserve	<i>Ilex x meserveae</i>
Juniper	<i>Juniperus</i> spp.
Juniper, Creeping	<i>Juniperus horizontalis</i>
Magnolia	<i>Magnolia</i> spp.
Maple, Red	<i>Acer rubrum</i>
Palm, Windmill	<i>Trachycarpus fortune</i>
Rose	<i>Rosa</i> spp.
Spruce, White	<i>Picea glauca</i>
Yew	<i>Taxus</i> spp.

Table 6. Applications Sites and Instructions

Site	Application Instructions
Newly-Transplanted Container or Field Nursery Stock	Apply after new transplant material has formed roots and is well established Do not apply until soil has settled around transplants. Direct application of toward base of plant and avoid terminal and bud area of plant.
Established Container, Field Nursery Stock, or Landscape Plants	Apply at any time as a directed spray toward the base of the plant. Do not apply to herbaceous or bulb plants. Also, do not apply in areas where herbaceous or bulb plants are planted.

Table 7. How Much Prodiazone Select to Apply

Amount to Apply (Broadcast)*	Comments
12 - 36 fl. oz./A 0.275 - 0.83 fl. oz./1,000 sq. ft.	<ol style="list-style-type: none"> 1. For pre-emergence sedge control, apply 18 - 36 fl. oz./A in a single application, or 12 oz. followed by another 12 - 24 fl. oz./A 45 - 60 days apart. 2. Multiple applications may be made if needed as long as total amount applied in one year does not exceed 36 fl. oz./A. 3. Direct application toward base of plants.

*Do not use on food producing trees, vines, or plants

Pre-Emergence Control of Annual Broadleaf Weeds and Sedges

Prodiazone Select will control or suppress the weeds listed in Table 8. When applied prior to weed germination, apply **Prodiazone Select** at a rate of 12 to 36 fl. oz./A. To broaden the weed spectrum and increase effectiveness for certain weeds listed in Table 8, **Prodiazone Select** may be tank mixed with other EPA-registered pre-emergence herbicides. Refer to the **Tank Mixtures Compatibility** section of this label to determine compatibility of tank mixtures. Consult the label for application instructions for each of the tank mix products. Follow all label restrictions, use directions and precautionary statements before using these tank mixtures.

It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Control of emerged annual grass weeds may be improved by combining **Prodiazone Select** with other post-emergence herbicides.

Table 8. Weeds Controlled With Pre-Emergence Application

Common Name	Scientific Name
Barnyardgrass	(<i>Echinochloa crus-galli</i>)
Blue-Eyed Grass, Annual	(<i>Sisyrinchium rosulatum</i>)
Bluegrass, Annual ¹	(<i>Poa annua</i>)
Carpetweed	(<i>Mollugo verticillata</i>)
Carolina Geranium	(<i>Geranium carolinianum</i>)
Chickweed, Common ²	(<i>Stellaria media</i>)
Chickweed, Mouseear (From Seed)	(<i>Cerastium vulgatum</i>)
Crabgrass (Larae, Smooth)	(<i>Digitaria</i> spp.)
Crowfootgrass	(<i>Dactyloctenium aegyptium</i>)
Cupgrass, Woolly	(<i>Eriochloa villosa</i>)
Foxtails, Annual	(<i>Setaria</i> spp.)
Goosegrass ³	(<i>Eleusine indica</i>)
Bittercress, Hairy	(<i>Cardamine hirsute</i>)
Henbit ²	(<i>Lamium amplexicaule</i>)
Itchgrass	(<i>Rottboellia exaltata</i>)
Knotweed, Prostrate	(<i>Polygonum aviculare</i>)
Kochia	(<i>Kochia scoparia</i>)
Kyllinga, Green	(<i>Kyllinga brevifolia</i>)
Kyllinga, False	(<i>Kyllinga gracillima</i>)
Lambsquarters, Common	(<i>Chenopodium album</i>)
Lovegrass	(<i>Eragrostis</i> spp.)
Nutsedge, Yellow	(<i>Cyperus esculentus</i>)
Panicum (Texas, Fall)	(<i>Panicum</i> spp.)
Pigweed, Redroot	(<i>Amaranthus retroflexus</i>)
Purslane, Common	(<i>Portulaca oleracea</i>)
Pusley, Florida	(<i>Richardia scabra</i> L.)
Sedge, Globe	(<i>Cyperus globulosus</i>)
Sedge, Cylindrical	(<i>Cyperus retrorsus</i>)
Sedge, Surinam	(<i>Cyperus surinamensis</i>)
Sedge, Texas	(<i>Cyperus polystachyos</i>)
Shepherd's Purse ²	(<i>Capsella bursa-pastoris</i>)
Signalgrass, Broadleaf	(<i>Brachiaria platyphylla</i>)
Speedwell	(<i>Veronica</i> spp.)
Sprangletop	(<i>Leptochloa</i> spp.)
Spurge, Prostrate	(<i>Euphorbia humistrata</i>)
Witchgrass	(<i>Panicum capillare</i> L.)
Woodsorrel, Yellow (From Seed)	(<i>Oxalis stricta</i>)

¹*Poa annua* is a winter annual. Make applications of **Prodiazone Select** before *Poa annua* germinates. Approximate timing for applications are August - September, but consult your local Cooperative Extension Service for more specific applications timings for your local area.

²For maximum control, apply **Prodiazone Select** in late summer, fall or winter before weeds germinate.

³In areas of extended growing season and heavy pressure, weed control will be enhanced by making a second application of **Prodiazone Select** 60 - 90 days after the initial application, up to a maximum of 36 oz./A/year.

Post-Emergence Control of Annual, Biennial & Perennial Broadleaf Weeds

Prodiazone Select will control or suppress the weeds listed in Table 10 when applied alone shortly after weeds have emerged. Apply **Prodiazone Select** at rates from 12 to 36 fl. oz./A (0.275 to 0.83 fl. oz./1,000 sq. ft.). To broaden the weed spectrum and increase effectiveness for certain weeds listed in Table 9, **Prodiazone Select** may be tank mixed with other EPA-registered post-emergence herbicides. Refer to the **Tank Mixtures Compatibility** section of this label to determine compatibility of tank mixtures. Consult the label for application instructions for each of the tank mix products.

Follow all label restrictions, use directions and precautionary statements before using these tank mixtures. Control of emerged annual grass weeds may be improved by combining **Prodiazone Select** with other registered post-emergence herbicides.

Table 9. Weeds Controlled or Suppressed When Application Made Post-Emergence to Weeds

Common Name	Scientific Name	Controlled	Suppressed
Bittercress	(<i>Cardamine</i> spp.)		X
Black Medic	(<i>Medicago lunulina</i>)		X
Buttercups	(<i>Ranunculus</i> spp.)		X
Carolina Geranium	(<i>Geranium carolinianum</i>)	1	
Carpetweed	(<i>Mollugo verticillata</i>)		X
Chickweed, Common	(<i>Stellaria media</i>)	1	

Chickweed, Mouseear	(<i>Cerastium vulgatum</i>)		X
Cinquefoil	(<i>Potentilla</i> spp.)		X
Clover	(<i>Trifolium</i> spp.)		X
Crabgrass (Large and Smooth)	(<i>Digitaria</i> spp.)	2	
Cudweed	(<i>Gnaphalium</i> spp.)		X
Dandelion	(<i>Taraxacum officinale</i>)		X
Dock, Curly	(<i>Rumex crispus</i>)		X
Evening Primrose	(<i>Oenothera biennis</i>)		X
Fiddleneck	(<i>Amsinckia</i> spp.)		X
Filaree	(<i>Erodium</i> spp.)		X
Goldenrod	(<i>Solidago</i> spp.)	1	
Goosegrass	(<i>Eleusine indica</i>)	2	
Ground Ivy	(<i>Glechoma hederacea</i>)	1	
Henbit	(<i>Lamium amplexicaule</i>)		X
Knotweed, Prostrate	(<i>Polygonum aviculare</i>)		X
Kochia	(<i>Kochia scoparia</i>)	1	
Lambsquarters, Common	(<i>Chenopodium album</i>)		X
Lawn Burweed	(<i>Soliva pterosperma</i>)		X
Lespedeza, Common	(<i>Lespedeza striata</i>)		X
Mallow, Common	(<i>Malva neglecta</i>)		X
Nutsedge, Yellow	(<i>Cyperus esculentus</i>)	1	
Parsley Piert	(<i>Alchemilla arvensis</i>)	1	
Pigweed, Redroot	(<i>Amaranthus retroflexus</i>)	1	
Pigweed, Tumble	(<i>Amaranthus albus</i>)	1	
Pineappleweed	(<i>Matricaria matricarioides</i>)		X
Plantain, Buckhorn	(<i>Plantago lanceolata</i>)	1	
Puncturevine	(<i>Tribulus terrestris</i>)		X
Purslane, Common	(<i>Portulaca oleracea</i>)		X
Pusley, Florida	(<i>Richardia scabra</i>)	1	
Redweed	(<i>Melochia corchorifolia</i>)		X
Rocket, London	(<i>Sisymbrium irio</i>)		X
Smartweed, Pennsylvania	(<i>Polygonum pensylvanicum</i>)	1	
Sorrel, Red	(<i>Rumex acetosella</i>)		X
Speedwell	(<i>Veronica</i> spp.)	1	
Spurge, (Annuals)	(<i>Euphorbia</i> spp.)	1	
Spurge, Prostrate	(<i>Euphorbia humistrata</i>)	1	
Spurge, Spotted	(<i>Euphorbia maculata</i>)	1	
Star of Bethlehem	(<i>Ornithogalum umbellatum</i>)	1	
Velvetleaf	(<i>Abutilon theophrasti</i>)		X
Violet, Wild	(<i>Viola pratincola</i>)		X
Wild Garlic	(<i>Allium vineale</i>)		X
Wild Onion	(<i>Allium canadense</i>)		X
Woodsorrel, Creeping	(<i>Oxalis corniculata</i>)		X
Woodsorrel, Yellow	(<i>Oxalis stricta</i>)	1	

- Weeds are suppressed at lower label rates (<24 fl. oz./A). For optimum control, apply rates of at least 24 fl. oz./A in a single application. Do not exceed the application rate specified for the ornamental species in Table 5. Sequential applications may be needed when using lower rates and must not exceed 36 fl. oz./A/year.
- Prodiazone Select** controls crabgrass and goosegrass at rates ranging from 18 - 36 fl. oz./A when applied during the 1-4 leaf development stage.

Restrictions

- Do not use on herbaceous or bulb ornamental plants.
- Do not graze or feed livestock plant material cut from areas treated with **Prodiazone Select**.
- Do not apply in greenhouses.
- Do not apply adjuvants or surfactants with post applications of **Prodiazone Select** unless tested on small areas prior to broadcast applications.

DO NOT apply Prodiazone Select to soils classified as sand with less than 1% organic matter.

Other Use Precautions

For best results, apply **Prodiazone Select** alone or in combination with other herbicides for residual control of weeds in late summer, fall, or early spring to insure adequate moisture for soil activation.

ADDITIONAL USE INSTRUCTIONS

Railroad Rights-of-Way

Controls many weeds and maintains bare ground on railroad rights-of-way, including railroad yards, railroad crossings and railroad

bridge abutments.

Highway, Roadside, Pipeline and Utility Rights-of-Way

Controls many weeds and maintains bare ground in highway, roadside, pipeline and utility rights-of-way. Such areas would include, but are not limited to, guardrails, road shoulders, electric utility substations, pipeline pumping stations, around electric transmission towers, around distribution line poles plus other areas where complete vegetation control is desired.

Industrial Areas, Fence Rows and Other Non-Crop Sites

Controls weeds and maintains bare ground in industrial areas including production facilities, tank farms, storage areas, parking areas, lumber yards, airports, military installations, along fence rows, and in similar non-crop sites where complete vegetation control is needed.

METHOD AND RATE OF APPLICATION FOR ADDITIONAL USES

For residual control of germinating weeds in non-crop land, apply as a broadcast treatment using 24 to 36 fluid ounces (0.75 to 1.125 pounds active ingredient) per acre by ground in a minimum of 10 gallons of spray solution per acre. Applications may be made by helicopter on railroad rights-of-way only.

DO NOT apply **Prodiazone Select** to soils classified as sand with less than 1% organic matter.

Use labeled rates of burndown herbicides such as glyphosate, glyphosate-trimesium, diquat, 2,4-D, dicamba, etc. as tank mixtures with **Prodiazone Select**. Use recommended adjuvants for the herbicide tank mix partner. For all products used in tank mixes, refer to the specific product labels for all restrictions on tank mixing and observe all label precautions, instructions and rotational cropping restrictions.

Timing

For best results, apply **Prodiazone Select** alone or in combination with other herbicides for residual control of weeds in late summer, fall, or early spring to insure adequate moisture for soil activation.

Weeds Controlled

Prodiazone Select when applied post-emergence at 24 to 36 fluid ounces per acre, will control the following weeds in non-cropland areas (Table 10). Use the higher labeled rates to extend length of control.

Use the higher rates on sites with fine soil textures and on sites with more than 2% organic matter.

Table 10. Weeds Controlled from Pre-Emergence Application to Bare Ground Prior to Weed Seed Germination

Common Name	Scientific Name
Barnyardgrass	<i>(Echinochloa crus-galli)</i>
Blue-Eyed Grass, Annual	<i>(Sisyrinchium rosulatum)</i>
Bluegrass Annual	<i>(Poa annua)</i>
Carpetweed	<i>(Mollugo verticillata)</i>
Carolina Geranium	<i>(Geranium carolinianum)</i>
Chickweed, Common	<i>(Stellaria media)</i>
Chickweed, Mouseear (From Seed)	<i>(Cerastium vulgatum)</i>
Crabgrass (Large, Smooth)	<i>(Digitaria spp.)</i>
Crowfootgrass	<i>(Dactyloctenium aegyptium)</i>
Cupgrass, Woolly	<i>(Eriochloa villosa)</i>
Foxtails, Annual	<i>(Setaria spp.)</i>
Goosegrass	<i>(Eleusine indica)</i>
Hairy Bittercress	<i>(Cardamine hirsute)</i>
Henbit	<i>(Lamium amplexicaule)</i>
Itchgrass	<i>(Rottboellia exaltata)</i>
Knotweed, Prostrate	<i>(Polygonum aviculare)</i>
Kochia	<i>(Kochia scoparia)</i>
Kyllinga, Green	<i>(Kyllinga brevifolia)</i>
Kyllinga, False Green	<i>(Kyllinga gracillima)</i>
Lambsquarters, Common	<i>(Chenopodium album)</i>
Lovegrass	<i>(Eragrostis spp.)</i>
Nutsedge, Yellow	<i>(Cyperus esculentus)</i>
Nutsedge, Purple	<i>(Cyperus rotundus)</i>
Panicum (Texas, Fall)	<i>(Panicum spp.)</i>
Pigweed, Redroot	<i>(Amaranthus retroflexus)</i>
Purslane, Common	<i>(Portulaca oleracea)</i>
Pusley, Florida	<i>(Richardia scabra L.)</i>
Sedge, Globe	<i>(Cyperus globulosus)</i>
Sedge, Cylindrical	<i>(Cyperus retrorsus)</i>
Sedge, Surinam	<i>(Cyperus surinamensis)</i>
Sedge, Texas	<i>(Cyperus polystachyos)</i>
Shepherd's Purse	<i>(Capsella bursa-pastoris)</i>
Signalgrass, Broadleaf	<i>(Brachiaria platyphylla)</i>
Speedwell	<i>(Veronica spp.)</i>

Sprangletop	(<i>Leptochloa</i> spp.)
Source, Prostrate	(<i>Euphorbia humistrata</i>)
Witchgrass	(<i>Panicum capillare</i> L.)
Woodsorrel, Yellow (From Seed)	(<i>Oxalis stricta</i>)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store product in original container only, away from other pesticides, fertilizer, food or feed. Store in a cool, dry place and avoid excess heat.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To Confine Spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: 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 Handling:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: (For containers greater than 5 gallons) Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For containers 5 gallons or less) 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 or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Triple rinse (or equivalent). Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable/Refillable Containers. 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 into application equipment or mix tank. Fill the container about 10% 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.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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