

Prodiamine 65 WDG

Herbicide

Specimen Label

ACTIVE INGREDIENT:	% by Weight
Prodiamine (CAS No. 29091-21-2)	65.0%
INERT INGREDIENTS:	35.0%
TOTAL:	100.0%

EPA REG. NO. 66222-89-73220

(BO) EPA Est. No. 37429-GA-02

(BT) EPA Est. No. 37429-GA-01

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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 a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product call 1-800-308-5391.</p>	

See Additional Precautions Inside Booklet

Manufactured for: FarmSaver.com, LLC
P.O. Box 21365 • Seattle, WA 98111

- For preemergence control of grass and broadleaf weeds in:**
- established turfgrasses (excluding golf course putting greens), lawns and sod nurseries
 - container, field-grown, and landscape ornamentals
 - established perennials and wildflower plantings
 - Christmas tree farms

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact, may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS USES:

Applicators and other handlers (other than mixers and loaders) who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) - in general, agricultural-plant uses are covered - must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as butyl rubber >14 mils, or neoprene rubber > 14 mils, or nitrile rubber >14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options.)
- Shoes plus socks

Mixers and loaders must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as butyl rubber >14 mils, or neoprene rubber > 14 mils or nitrile rubber >14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options.)
- Shoes plus socks

NON-WPS USES:

Mixers and loaders who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) - in general, only agricultural-plant uses are covered by the WPS - must wear:

- Chemical resistant gloves, such as butyl rubber >14 mils, or neoprene rubber > 14 mils

or nitrile rubber >14 mils (See instructions for Category A on the EPA chemical resistance category selection chart if you want other options.)

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

ENGINEERING CONTROLS STATEMENTS: When handlers use closed systems or enclosed cabs 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product, immediately wash the outside of gloves before removing them, then remove gloves and all other PPE. Immediately wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be toxic to fish. **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 from treated areas may be hazardous to aquatic organisms in adjacent sites. **DO NOT** contaminate water when disposing of equipment wash water.

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 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If this product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. 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
- Waterproof gloves
- Shoes plus socks

GENERAL INFORMATION

WHERE TO USE

PRODIAMINE 65 WDG is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turfgrass (excluding golf course putting greens), lawns, and sod nurseries
- Container, field-grown, and landscape ornamentals
- Established perennial and wildflower plantings
- Christmas tree farms

HOW PRODIAMINE 65 WDG WORKS

PRODIAMINE 65 WDG controls susceptible weeds by preventing growth and development of newly germinated weed seeds. Weed control is most effective when PRODIAMINE 65 WDG is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1-2 inches) before weed seeds germinate and within 14 days following application.

USE PRECAUTIONS

- **DO NOT** graze or feed livestock forage cut from areas treated with PRODIAMINE 65 WDG.
- **DO NOT** apply PRODIAMINE 65 WDG to plants that will be consumed for food use.
- Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank mix partners.

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- **DO NOT** blend PRODIAMINE 65 WDG onto dry fertilizer or any other granular material.
- Chemigation Statement: **DO NOT** apply this product through any type of irrigation system unless instructed otherwise in this label.
- **DO NOT** apply aerially.
- **DO NOT** apply to golf course putting greens.

NEW PLANTINGS, REPLANTING, AND ROTATIONAL PLANTINGS

Nursery, landscape, or non-crop land areas treated with PRODIAMINE 65 WDG should be rotated only to ornamental species listed on this label for 1 year following application unless the following test has shown species safety:

Before planting a species not listed on this label, it is recommended that several test strips of an indicator plant such as wheat, sorghum, or corn be sown into the treated area. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control.

MIXING AND APPLICATION PROCEDURES

MIXING

PRODIAMINE 65 WDG must be mixed thoroughly in the spray tank to ensure uniform application. Follow these steps:

1. Fill the spray tank 1/4 full with clean water or fluid fertilizer only.
2. Start agitation and check to ensure it is working properly.
3. Add PRODIAMINE 65 WDG directly into the tank.
4. Add the rest of the carrier to obtain the final spray volume.
5. A spray colorant may be used with PRODIAMINE 65 WDG to mark areas as they are treated. This will improve application accuracy by minimizing swath skips and overlaps.
6. Maintain vigorous agitation in the spray tank before and during the application. This will ensure a well mixed spray suspension.
7. **DO NOT** allow spray suspension to dry in the tank. Thoroughly clean the sprayer after use by flushing the system with water containing a detergent. Refer to the **Pesticide Disposal** section of this label for waste disposal.

TANK MIXING PRODIAMINE 65 WDG

PRODIAMINE 65 WDG may be tank mixed with certain other EPA-registered herbicides to provide a broader spectrum of weed control or to control emerged weeds. Refer to the specific directions for use for tank mix partners and consult the label(s) of the individual tank mix partner(s) for use rate, application timing, weeds controlled, and specific precautions and/or restrictions. Tank mixes are permitted only in states where the tank mix partner(s) are registered for the application site and the turf and ornamental species listed. When using PRODIAMINE 65 WDG in a tank mixture with other pesticides, observe the most restrictive label limitations and precautions on the labels of the products used.

Before tank mixing with other pesticides not named on this label, compatibility must be tested. See the **Compatibility Test** section below.

COMPATIBILITY TEST

Before mixing PRODIAMINE 65 WDG with other pesticides in the spray tank, test the compatibility by mixing all components (carrier and pesticide products) in a small container in proportionate quantities. For example, a 1 qt. jar would be 1/100 the volume of a 25 gal./acre spray rate. At 1 lb./acre, the PRODIAMINE 65 WDG rate would be proportional to 4.5 g per quart. Add approximately 1.5 teaspoons to a qt. of water. Calculate amounts for other products based on rate per acre. An approximate volume would be 1.5 teaspoons for each lb./acre of a dry formulation and 0.5 teaspoons for each pt./acre of a liquid formulation. (See following table).

AMOUNT OF COMPONENT TO ADD TO ONE QUART JAR OF SPRAY CARRIER (Assuming Carrier Volume of 25 gals./Acre)

Components Formulations	Rate per Acre	Rate per 1,000 sq. ft.	Level Teaspoons
PRODIAMINE 65 WDG	1.0 lb.	0.4 oz.	1.5
Dry Tank Mix Partners	1.0 lb.	0.4 oz.	1.5
Liquid Tank Mix Partners	1.0 pt.	0.4 oz.	0.5

If components **DO NOT** ball up or form flakes, sludge, gels, oily films, or layers, then the mixture is compatible. Incompatibility will usually occur within 5 minutes after mixing. If the components are not compatible, a compatibility agent must be added to the tank mixture. Rerun the test to determine if the mixture is suitable after addition of the compatibility agent. If components are still not compatible, **DO NOT** tank mix.

MIXING ORDER FOR TANK MIXTURES

Notes: 1. When mixing PRODIAMINE 65 WDG with other components (carrier and partner pesticide products), allow products to completely dissolve between steps. This is key when tank mixing with ester formulations. 2. Maintain agitation throughout mixing and application of the mixture.

Add the products to the spray tank in the following order:

1. Add products packaged in water-soluble bags first. Agitate the tank mixture. Allow the water-soluble bags to completely dissolve and the product to disperse before adding any other tank mix partner.
2. Then add water-dispersible granules (WDG or WG formulations) and wettable powders (WP formulations). Add wettable powders to the tank as agitation continues. Allow the product to disperse completely before other products are added.
3. Add spray adjuvants and spray markers. Read the adjuvant's label first and use only those adjuvants approved for application to turf and ornamentals.
4. Add flowable liquids (FL) or suspension concentrates (SC).
5. Add emulsifiable concentrates (EC) last.

APPLICATION

Apply PRODIAMINE 65 WDG in a minimum of 20 gals./acre (0.5 gal./1,000 sq. ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low-pressure sprayer with 50 mesh or

coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

SPECIAL USE DIRECTIONS

ESTABLISHED TURF

PRODIAMINE 65 WDG is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turfgrasses including:

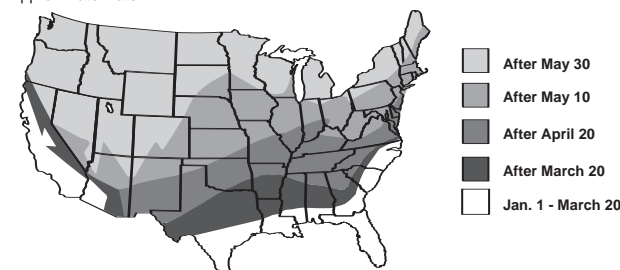
- golf courses excluding putting greens
- lawns
- sod nurseries

The maximum amount of PRODIAMINE 65 WDG that may be applied per year is given for each turfgrass species in the **Annual Use Rates-Turfgrass** section of this label.

For optimum weed control, PRODIAMINE 65 WDG should be activated by at least 0.5 inch of rainfall or irrigation before weed seeds germinate and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

CRABGRASS SEED GERMINATION DATES

Approximate Date



Use Precautions - Turfgrass

1. **DO NOT** apply PRODIAMINE 65 WDG to areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*) are desirable species.
2. **DO NOT** harvest treated sod within 90 days of application. To avoid turfgrass injury, **DO NOT** apply to newly set sod until the sod has rooted and exposed edges have filled in.
3. To avoid turfgrass injury, **DO NOT** apply PRODIAMINE 65 WDG to turf stressed by conditions such as drought, low fertility, or pest damage.
4. Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
5. **DO NOT** apply PRODIAMINE 65 WDG to golf course putting greens.
6. If the depth of the creeping bentgrass root system becomes shallow and root tips contact prodiamine-treated soil, new root formation may be inhibited. Mowing height can affect the depth of a plant's root system. To avoid this, **DO NOT** apply PRODIAMINE 65 WDG to creeping bentgrass less than 0.5 inch in height.

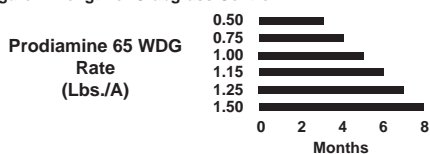
Application Timing and Rate - Turfgrass

PRODIAMINE 65 WDG may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications should be made before target weeds germinate. PRODIAMINE 65 WDG will not control weeds that have already emerged.

The amount of PRODIAMINE 65 WDG to apply is based upon:

1. the length of weed control desired (the higher the application rate, the longer the control) (see Figure 1);
2. the turf species; and
3. the maximum amount which can be applied to the turf species per calendar year (see Table 1).

Figure 1: Length of Crabgrass Control



*Length of control varies by region. This table is an average for planning purposes.

Annual Use Rates - Turfgrass

PRODIAMINE 65 WDG can be applied to the turfgrass species listed in the following table. **DO NOT** apply more than the highest rate listed for each species in a calendar year.

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TABLE 1: MAXIMUM APPLICATION RATE PRODIAMINE 65 WDG Per Calendar Year by Turfgrass Species¹

TURF SPECIES	LBS. OF PRODUCT / ACRE	OZ. OF PRODUCT / 1,000 SQ. FT.
Bermudagrass ² Bahigrass Centipedegrass Kikuyugrass Seashore Paspalum St. Augustinegrass ³ Tall Fescue (including turf-type) Zoysiagrass	1.0 - 2.30 ¹	0.36 - 0.83
Buffalograss Kentucky Bluegrass Perennial Ryegrass	0.5 - 1.50 ¹	0.185 - 0.55
Fine Fescue	0.5 - 1.15 ¹	0.185 - 0.42
Creeping Bentgrass (0.5 inches or more in height) ⁴	0.5 - 1.00 ¹	0.185 - 0.37

¹ PRODIAMINE 65 WDG may be applied more than once a year as long as the total amount applied is not greater than the maximum application rate per calendar year for the turf species. All applications must be made before weed seeds germinate.

² May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.80 lb./A (0.30 oz./1,000 sq. ft.). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded.

³ Use an initial rate of 0.75-1.5 lbs. / acre (0.28-0.55 oz./1000 sq. ft.) per application.

⁴ To avoid grass injury, **DO NOT** apply PRODIAMINE 65 WDG to creeping bentgrass mowed at less than 0.5 inch in height.

Weeds Controlled (Turf, Ornamentals)

When used as directed in this label, PRODIAMINE 65 WDG will control the following weeds:

• Barnyardgrass	• Henbit ²	• Purslane, Common
• Bluegrass, Annual (Poa annua) ¹	• Itchgrass	• Pusley, Florida
• Carpetweed	• Johnsongrass (from seed)	• Rescuegrass ⁴
• Chickweed, Common ²	• Junglerice	• Shepherdspurse ²
• Chickweed, Mouseear (from seed)	• Knotweed ²	• Signalgrass, Broadleaf
• Crabgrass (Large, Smooth) ³	• Kochia	• Speedwell, Persian
• Crowfootgrass	• Lambsquarter, Common	• Sprangletop
• Cupgrass, Woolly	• Lovegrass	• Spurge, Prostrate
• Foxtails, Annual	• Panicum (Texas, Fall, Browntop)	• Witchgrass
• Goosegrass ⁵	• Pigweed	• Woodsorrel, Yellow (from seed)

¹ In areas where Poa annua is a winter annual, apply PRODIAMINE 65 WDG (see Table 1) in August or September to established, non-overseeded turf before Poa annua seeds germinate. These timings are approximate. Consult State Extension Service for more specific timing for your area. Also see the section of this label "Poa Annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass".

² To control this weed, apply PRODIAMINE 65 WDG in late summer, fall, or winter before weed seeds germinate.

³ Fall Applications for Spring Crabgrass Control in Cool-Season Grasses: In those areas where the ground freezes in the winter, PRODIAMINE 65 WDG can be applied in the fall at rates of 1.0-1.15 lbs./acre after the soil temperature falls below 50°F but before the ground freezes. This application will control crabgrass the following spring.

⁴ Suppression only.

⁵ In many areas, a single application of 1.0-2.3 lbs./acre of PRODIAMINE 65 WDG will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, the most effective control may be maintained by making a "split application" (i.e. two applications) that does not exceed the maximum application rate per calendar year for the turfgrass species.

WHEN TO APPLY PRODIAMINE 65 WDG AFTER OVERSEEDING TURF

Injury to desirable seedlings is likely if PRODIAMINE 65 WDG is applied before the secondary roots of seedlings are in the second inch of soil (not thatch plus soil). To reduce the potential to injure overseeded turf, wait 60 days after seeding or until after the second mowing, whichever is longer, before applying PRODIAMINE 65 WDG.

When to Overseed After Application (All States)¹-PRODIAMINE 65 WDG will inhibit the development of turfgrass species overseeded too soon after application. Follow rates and intervals in the table below for best overseeding / reseeding results.

¹Note: See exceptions for "Poa annua control in Established Bermudagrass Overseeded with Perennial Ryegrass" below.

AMOUNT OF QP PRODIAMINE 65 WDG Lbs. of Product / Acre	INTERVAL (MONTHS) BEFORE OVERSEEDING [*]		
	North	Transition	South
0.75	4	4	4
1.00	5	4	4
1.15	6	5	5
1.25	-	6	6
1.50	-	7	7
1.75	-	-	9
2.00	-	-	10
2.30	-	-	12

Poa annua control in Established Bermudagrass Overseeded with Perennial Ryegrass (Arizona, California, Nevada, and Texas only)

Use on golf courses (excluding golf course putting greens), lawns, and sod nurseries when overseeding with perennial ryegrass (minimum seeding rate of 350 lbs./A).

HOW MUCH AND WHEN TO APPLY

AMOUNT TO APPLY	WHEN TO APPLY	EXPECTED CONTROL	USE PRECAUTIONS
0.58-1.0 lb./acre	6 to 8 weeks before ryegrass overseeding second application: 4 to 8 weeks after overseeding or when perennial ryegrass roots are in the second inch of soil	1 application for 70% or greater control of Poa annua second application may enhance control	Some seedling mortality and temporary reduction in root growth of new seedlings may occur. To reduce the potential for seedling mortality, maintain a moist seedbed with light, frequent irrigation. Make no more than 2 applications per year for this use, and DO NOT exceed a total of 1.3 lbs./acre per year. DO NOT make a second application if any injury to the ryegrass is observed after the first application. DO NOT make a second application unless the product was first applied before overseeding.

Poa annua control in Perennial Ryegrass Overseedings (Alabama, Louisiana, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee Only)

Use this product on golf courses (excluding golf course putting greens) when overseeding with perennial ryegrass only (minimum seeding rate of 350 lbs./A).

HOW MUCH AND WHEN TO APPLY

AMOUNT TO APPLY	WHEN TO APPLY	EXPECTED CONTROL	USE PRECAUTIONS
0.58 - 1.0 lb./acre	8 to 10 weeks before ryegrass overseeding	70% or greater	Some seedling mortality and temporary reduction in root growth of new seedlings may occur. To reduce the potential for seedling mortality maintain a moist seedbed with light, frequent irrigation. To maximize seedling establishment, use lower rate and/or the maximum time interval before overseeding. To maximize Poa annua control, use higher rate and shorter time interval before overseeding.

CONTAINER, FIELD GROWN, AND LANDSCAPE ORNAMENTALS (INCLUDING CHRISTMAS TREE FARMS)

Application Timing and Information

PRODIAMINE 65 WDG:

- Will not control emerged weeds.
- May be applied to newly-transplanted and established ornamentals as broadcast or over-the-top spray.
- Is most effective when applied to soil free of clods, weeds, and debris such as leaves and mulch.
- Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
- Is activated when the treated area receives at least 0.5 inch of irrigation or rainfall, or shallow (1 to 2 inches) mechanical incorporation.

Use Precautions

To reduce injury potential:

- In the spring when buds are rapidly growing and expanding, over-the-top application of PRODIAMINE 65 WDG may temporarily injure new growth of desirable plants. To reduce the possibility of injury at this time, wait to apply PRODIAMINE 65 WDG over the top of newly emerged vegetation until it has hardened off unless experience indicates that the ornamental plant will not be injured by the over-the-top application.

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2. After application (immediately for deciduous plants) apply overhead irrigation to wash PRODIAMINE 65 WDG from plant surfaces onto soil (watering plants before application may improve the washing process).

Application Sites and Instructions

Site	Application Instructions
Newly-Transplanted Container or Field Nursery Stock	Delay application until soil has settled around transplants. Water transplants thoroughly before application. Apply after cuttings form roots and are established. To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken.
Established Container, Field Nursery Stock, or Landscape Plants	Apply at any time as a broadcast, over-the-top, or directed spray.
Landscape (or Ornamental) Plantings	Apply as a broadcast, over-the-top, or directed spray. Delay application to newly-transplanted ornamentals until soil has settled around transplants.
Bare Ground Application for Container Placement	Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed. After PRODIAMINE 65 WDG is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.
In Shadehouses and Uncovered Polyhouses	After PRODIAMINE 65 WDG is applied, uncovered polyhouses must remain open for at least 7 days and ornamentals must receive 2 irrigations totaling at least 1/2 inch of water.
Ornamental Bulbs and Perennial Wildflower Plantings	PRODIAMINE 65 WDG may be applied to bulbs or perennial wildflower species listed in the section "Tolerant Ornamental Species." Apply before or after bulbs emerge but before bulbs bloom and weeds emerge. In wildflowers, a postemergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

HOW MUCH AND WHEN TO APPLY – (Container, Field Grown and Landscape Ornamentals)

Amount to Apply (Broadcast)*	When to Apply	Comments/Instructions
1.0 - 2.3 lbs./acre or 0.37 - 0.83 oz./1,000 sq. ft.	In the fall or spring before weeds germinate or after weeds are removed.	Use the higher rate for longer control. PRODIAMINE 65 WDG may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs./acre per year.

*Note: For band application calculate amount per acre:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{broadcast rate} = \text{amount to apply per acre of field}$$

EQUIVALENT MEASUREMENTS For PRODIAMINE 65 WDG

lbs./acre	oz./1,000 sq. ft.	Approximate Equivalent – Tablespoons/1,000 sq. ft.
1.0	0.37	1
1.5	0.55	1.5
2.0	0.74	2
2.3	0.83	2.25

Tank Mixtures For Use on Container, Field Grown, and Landscape Ornamentals
PRODIAMINE 65 WDG may be tank mixed with other registered herbicides listed on this label to provide a broader spectrum of weed control or to control emerged weeds. Tank mixes with PRODIAMINE 65 WDG are for use only in states where the tank mix partner(s), application site, and intended use pattern are registered.

Follow the label(s) of the tank mix partner(s) for application rates, timing, weeds controlled, tolerant ornamentals, and specific use precautions and/or restrictions. Before mixing pesticides in the spray tank, test compatibility by mixing the products in a small container first. See the **Compatibility Test** section of this label.

Tank Mix Partners For PRODIAMINE 65 WDG on Ornamentals

Product	Precautions/Instructions
Goal® or Galigan® (use on conifers only)	Mix with PRODIAMINE 65 WDG for postemergence control of certain broadleaf weeds including malva and filaree.
Gallery®, Prince®, Pennant®	See product labels for weed spectrum and tolerant ornamentals.
Touchdown® Pro (or other glyphosate-based products) and Finale®	These nonselective tank mix herbicides control most emerged annual broadleaves and grasses. Take extreme care to prevent tank mixtures with these products from contacting the foliage and stems of turfgrass, trees, shrubs, or other desirable vegetation because desirable vegetation may be severely injured or killed. Apply these tank mixtures as a directed spray and use a shield to prevent spray from contacting foliage of desirable plants. Following instructions on the tank mix partner's label, delay irrigation of the treated area to allow time for the herbicide to be absorbed by weed foliage.

Tolerant Ornamental Species- Container, Field Grown, and Landscape Ornamentals
PRODIAMINE 65 WDG will not harm most trees, shrubs, vines, and flowers. The species listed below in Table 2 are tolerant to PRODIAMINE 65 WDG. PRODIAMINE 65 WDG is approved for application, except in CA, to the species in Table 3. PRODIAMINE 65 WDG may be applied over-the-top of the listed species. When plants are under stress (such as heat, drought, or frost damage), some cultivars of listed plants may be sensitive to PRODIAMINE 65 WDG.

TABLE 2 – Tolerant Ornamental Species—Container, Field Grown, and Landscape (All States)

Common Name	Scientific Name
Fir species** (Balsam, Fraser, Noble, etc.)	<i>Abies</i> spp.
Japanese Maple	<i>Acer palmatum</i>
Norway Maple***	<i>Acer platanoides</i>
Kiwi*	<i>Actinidia chinensis</i>
Lily-of-the-Nile (African Lily)	<i>Agapanthus africanus</i>
Vine Hill Manzanita	<i>Arctostaphylos densiflora</i>
Cape Weed	<i>Arctotheca calendula</i>
Japanese Aucuba	<i>Aucuba japonica</i>
Barberry	<i>Berberis gladiolifera</i>
Wintergreen Barberry	<i>Berberis julianae</i>
Mentor Barberry	<i>Berberis mentorensis</i>
Japanese Barberry	<i>Berberis thunbergii</i>
Warty Barberry	<i>Berberis verruculosa</i>
Japanese Boxwood	<i>Buxus microphylla</i>
Weeping Bottlebrush	<i>Callistemon viminalis</i>
Scotch Heather	<i>Calluna vulgaris</i>
Hottentot Fig (Ice Plant)	<i>Carpobrotus edulis</i>
Feathery Cassia	<i>Cassia artemisoides</i>
Wild Lilac	<i>Ceanothus rigidus</i>
False Cypress	<i>Chamaecyparis pisifera</i>
Cleyera	<i>Cleyera japonica</i>
Citrus species*	<i>Citrus</i> spp.*
Flowering Dogwood	<i>Cornus florida</i>
American Dogwood	<i>Cornus stolonifera</i>
Pampas Grass	<i>Cortaderia selloana</i>
Cranberry Cotoneaster	<i>Cotoneaster apiculatus</i>
Cotoneaster	<i>Cotoneaster buxifolius</i>
Bearberry Cotoneaster	<i>Cotoneaster dammeri</i>
Rockspray Cotoneaster	<i>Cotoneaster microphyllus</i>
Hawthorne	<i>Crataegus</i> spp.
Italian Cypress	<i>Cupressus sempervirens</i>
White Trailing Ice Plant	<i>Delosperma alba</i>
Hop Bush	<i>Dodonea viscosa</i>
Silverberry	<i>Elaeagnus pungens</i>
Wintercreeper	<i>Euonymus fortunei</i>
Japanese Spindle Tree (Evergreen Euonymus)	<i>Euonymus japonica</i>
Spreading Euonymus	<i>Euonymus kiautschovica</i>
Japanese Aralia	<i>Fatsia japonica</i>
Border Forsythia	<i>Forsythia intermedia</i>
Greenstem Forsythia	<i>Forsythia viridissima</i>
Gardenia, Cape-Jasmine	<i>Gardenia jasminoides</i>
Gladiolus species**	<i>Gladiolus</i> spp.
English Ivy	<i>Hedera helix</i>
Rose of Sharon**	<i>Hibiscus</i>
Chinese Hibiscus**	<i>Hibiscus Rosa-sinensis</i>
Chinese Holly**	<i>Ilex cornuta</i>
Japanese Holly	<i>Ilex crenata</i>
American Holly	<i>Ilex opaca</i>
Holly	<i>Ilex pernyi</i>
Yaupon Holly	<i>Ilex vomitoria</i>
Iris species**	<i>Iris</i> spp.
Winter Jasmine	<i>Jasminum nudiflorum</i>
Chinese Juniper	<i>Juniperus chinensis</i>
Shore Juniper	<i>Juniperus conferta</i>
Creeping Juniper	<i>Juniperus horizontalis</i>
Walnut*	<i>Juglans</i> spp.
Shrimp Plant	<i>Justicia brandegeana</i>
Crape Myrtle	<i>Lagerstromia indica</i>
Amur Privet	<i>Ligustrum amurense</i>
Japanese Privet	<i>Ligustrum japonicum</i>
Glossy Privet (wax-leaf)	<i>Ligustrum lucidum</i>

Big Blue Lillyturf	<i>Liriope muscari</i>
Japanese Honeysuckle	<i>Lonicera japonica</i>
Tatarian Honeysuckle	<i>Lonicera tatarica</i>
Magnolia species**	<i>Magnolia spp.</i>
Ice Plant	<i>Maleophora luteola</i>
Crabapple*	<i>Malus spp.</i>
Heavenly Bamboo	<i>Nandina domestica</i>
Narcissus species**	<i>Narcissus spp.</i>
Oleander	<i>Nerium spp.</i>
Olive*	<i>Olea europaea</i>
Mondo Grass**	<i>Ophiopogon japonicus</i>
Trailing African Daisy	<i>Osteospermum fruticosum</i>
Sourwood	<i>Oxydendrum arboreum</i>
Avocado*	<i>Persea americana</i>
Frasier's Photinia (Redtip)	<i>Photinia fraseri</i>
Spruce species** (Colorado Blue, Norway, etc.)	<i>Picea spp.</i>
Lily-of-the Valley Shrub	<i>Pieris japonica</i>
Calabrian Pine	<i>Pinus brutia</i>
Canary Island Pine	<i>Pinus canariensis</i>
Slash Pine	<i>Pinus elliotii</i>
Aleppo Pine	<i>Pinus halepensis</i>
Austrian Black Pine	<i>Pinus nigra</i>
Longleaf Pine	<i>Pinus palustris</i>
Monterey Pine	<i>Pinus radiata</i>
Eastern White Pine	<i>Pinus strobus</i>
Scotch Pine	<i>Pinus sylvestris</i>
Loblolly Pine	<i>Pinus taeda</i>
Japanese Black Pine	<i>Pinus thunbergiana</i>
Virginia Pine	<i>Pinus virginiana</i>
Pistachio*	<i>Pistacia spp.</i>
Queensland Pittosporum	<i>Pittosporum rhombifolium</i>
Japanese Pittosporum	<i>Pittosporum tobira</i>
Japanese Yew	<i>Podocarpus macrophyllus</i>
English Laurel	<i>Prunus laurocerasus</i>
Almond, Apricot, Nectarine, Peach, Plum, and Prune*	<i>Prunus spp.</i>
Douglas Fir***	<i>Pseudotsuga menziesii</i>
Firethorn Scarlet	<i>Pyracantha coccinea</i>
Firethorn	<i>Pyracantha fortuneana</i>
Firethorn	<i>Pyracantha koizumii</i>
Bradford Pear spp.	<i>Pyrus spp.</i>
Oak species	<i>Quercus rubra</i>
Indian Hawthorne	<i>Raphiolepis indica</i>
'Coral Bells'	<i>Rhododendron (including Azalea)</i>
'Formosa'	
'Hino-crimson'	
'PJM'	
'Roseum Elegans'	
Lady Bank's Rose	<i>Rosa banksiae</i>
Rosemary*	<i>Rosmarinus officinalis</i>
Leatherleaf Fern	<i>Rumohra adiantiformis</i>
	<i>Santolina virens</i>
Stoncrop	<i>Sedum album</i>
Japanese Boxcherry	<i>Syzygium paniculatum</i>
Japanese Yew	<i>Taxus cuspidata</i>
Yew	<i>Taxus media</i>
American Arborvitae	<i>Thuja occidentalis</i>
Star Jasmine	<i>Trachelospermum asiaticum</i>
Canada Hemlock	<i>Tsuga canadensis</i>
Tulip species	<i>Tulipa spp.</i>
Japanese Viburnum	<i>Viburnum japonicum</i>
Sweet Viburnum	<i>Viburnum odoratissimum</i>
Japanese Snowball	<i>Viburnum plicatum</i>
Canary Island Viburnum	<i>Viburnum rigidum</i>
Laurustinus	<i>Viburnum tinus</i>
Cranberry Bush	<i>Viburnum trilobium</i>
Leatherleaf Viburnum	<i>Viburnum wrightii</i>
Vinca	<i>Vinca major</i>
Dwarf Periwinkle	<i>Vinca minor</i>
Grape*	<i>Vitis spp.</i>
Old Fashioned Weigela	<i>Weigela florida</i>
Spanish Bayonet	<i>Yucca aloifolia</i>
Yucca, Adam's Needle	<i>Yucca filamentosa</i>

Fibrous Begonia: Hardy Grandis	<i>Begonia spp.</i>
	<i>Bergenia cordifolia</i>
Snowbank	<i>Boltonia asteroides</i>
Bougainvillea	<i>Bougainvillea spp.</i>
Butterfly-Bush (Dwarf Blue); Royal Red	<i>Buddleia davidii</i>
Crimson Bottlebrush	<i>Callistemon citrinus</i>
Tussock Bellflower; (White Clips)	<i>Campanula carpatica</i>
Trumpet Creeper, Trumpet Flower, Madame Galen	<i>Campis X tagliabuana</i>
	<i>Ceratostigma plumbaginoides</i>
	<i>Chrysanthemum nipponicum</i>
Coreopsis (Calliopsis); Early Sunrise, Moonbeam	<i>Coreopsis spp.</i>
Lucifer	<i>Crococsmia spp.</i>
Cooperi Pink	<i>Delosperma spp.</i>
Larkspur; Blue Elf	<i>Delphinium spp.</i>
Dianthus, Maiden Pinks 'Zing'	<i>Dianthus deltoides</i>
Cheddar Pink	<i>Dianthus gratianopolitanus</i>
Coneflower, Purple; Magnus	<i>Echinacea purpurea</i>
Weeping Forsythia	<i>Forsythia suspensa</i>
Gaillardia, Blanket Flower: 'Goblin'	<i>Gaillardia spp.</i>
	<i>Gaura spp.</i>
Gentian	<i>Gentiana dahurica</i>
Cranesbill	<i>Geranium cinereum</i>
Baby's Breath	<i>Gypsophila repens</i>
Sunrose	<i>Helianthemum spp.</i>
Daylily: Aztec Gold, Stella De Oro, Tender Love	<i>Hemerocallis spp.</i>
Coral Bell; Bridget Bloom	<i>Heucherella spp.</i>
Mallow; Disco Belle White	<i>Hibiscus spp.</i>
Hosta, Plantain Lily (Fragrant)	<i>Hosta plantaginea</i>
Hosta, 'Searsucker'	<i>Hosta sieboldiana</i>
	<i>Houttuynia cordata var. variegata</i>
Bigleaf Hydrangea	<i>Hydrangea macrophylla</i>
	<i>Inula ensifolia</i>
Sword-Leaved Iris; Jodlesong	<i>Iris ensata</i>
Siberian Iris; Cabernet	<i>Iris siberica</i>
Parsoni	<i>Juniperus davurica</i>
Crape Myrtle; Tuscarora	<i>Lagerstromia indica X fauriei</i>
Weeping Lantana	<i>Lantana montevidensis</i>
Lavender; Munstead	<i>Lavender spp.</i>
Edelweiss	<i>Leontopodium alpinum</i>
Chinese Privet; Variegata	<i>Ligustrum sinense</i>
Lily; Jazz	<i>Lilium spp.</i>
Liriope, Variegated	<i>Liriope muscari var. variegata</i>
Liriope, Creeping	<i>Liriope spicata</i>
Cardinal Flower, Indian Pink	<i>Lobelia cardinalis</i>
Burgundy	<i>Loropetalum chinense</i>
Loosestrife; Modern Pink	<i>Lythrum spp.</i>
Yaku Jima**, Silberfeder**	<i>Miscanthus sinensis</i>
Evening Primrose	<i>Oenothera missourensis</i>
Osmanthus (False Holly); Gulf Tide	<i>Osmanthus heterophyllus</i>
Tree Peony	<i>Paeonia suffruticosa</i>
Fountain Grass (Dwarf)**	<i>Pennisetum setaceum</i>
	<i>Perovskia atriplicifolia</i>
Dragonhead, False; Vivid	<i>Physostegia virginiana</i>
Oak, Shumard's Red	<i>Quercus shumardii</i>
Yedda Hawthorne	<i>Raphiolepis umbellata</i>
'Delaware Valley White'	<i>Rhododendron (including Azalea)</i>
'Flame Creeper'	
'Girard Crimson'	
'George L. Tabor'	
'Wakeiebisu'	
'White Gumpo'	
Black-Eyed Susan; Goldstrum	<i>Rudbeckia spp.</i>
Saxifrage; Purple Dome	<i>Saxifraga spp.</i>
Pincushion Flower	<i>Scabiosa spp.</i>
Stoncrop; Lidakense	<i>Sedum caucicola</i>
Stoncrop	<i>Sedum dasyphyllum</i>
Stoncrop; Dragon's Blood	<i>Sedum spurium</i>
Spiraea; Anthony Waterer	<i>Spiraea bumalda</i>
Australian Brushcherry	<i>Syzygium paniculatum</i>
Germander	<i>Teucrium spp.</i>
Meadow Rue	<i>Thalictrum dipterocarpum</i>
Veronica, Speedwell; Sunny Border	<i>Veronica spp.</i>
Arrowood Viburnum	<i>Viburnum suspensum</i>

* DO NOT use on food producing trees, vines, or plants.

** Not for use on container grown plants.

***Landscape ornamentals only

** Not for use on container grown plants.

**TABLE 3 – Tolerant Ornamental Species
Container, Field Grown, and Landscape-(All States Except CA)**

Common Name	Scientific Name
Abelia: Sherwood	<i>Abelia grandiflora</i>
Yarrow: King Edward	<i>Achillea spp.</i>
	<i>Agapanthus orientalis</i>
Five-Leaf or Chocolate Vine	<i>Akebia quintata</i>
Lady's Leek, Nodding Onion	<i>Allium cernuum</i>
Japanese Anemone	<i>Anemone hybrida</i>
Aquilegia: Red and Gold	<i>Aquilegia spp.</i>
Wormwood; Silver Mound, Castle	<i>Artemisia spp.</i>
Aster: Bonny Blue, Purple Dome	<i>Aster spp.</i>
	<i>Aster X frikartii</i>
Lady Fern; Fern Lady	<i>Athyrium filix-femina</i>

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container away from fertilizer, feed, or food stuffs

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

CONTAINER DISPOSAL:

Paper bags and boxes: Completely empty container into application equipment. Then dispose of empty bag or box in a sanitary landfill or by incineration; or, if allowed by state and local authorities, burn locally. Stay out of smoke from burning container.

Plastic jugs: Triple rinse (or equivalent) and dispose of container in a sanitary landfill or incinerate, or if allowed by state and local authorities, burn locally. Stay out of smoke from burning containers.

For minor spills, leaks, or other accidental contamination, follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. **In the event of a major spill, fire, or other emergency, call CHEMTREC at 800-424-9300 day or night.**

WARRANTY STATEMENT

FarmSaver.com LLC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of FarmSaver.com LLC. In no case shall FarmSaver.com LLC be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, FarmSaver.com LLC makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at FarmSaver.com LLC's election, the replacement of this product.

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