RyzUp SmartGrass®
PLANT GROWTH REGULATOR
WATER SOLUBLE GRANULE

For Organic Production

Active Ingredient:
Gibberellin A₃ ........................................ 40.0% w/w
Other Ingredients ....................................... 60.0% w/w
Total .................................................... 100.0% w/w
Contains a total of 1 g of Gibberellic Acid in 2.5 g of product.

KEEP OUT OF REACH OF CHILDREN
CAUTION

For MEDICAL and TRANSPORT Emergencies ONLY Call 24 Hours A Day 1-800-892-0099.
See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements.
(This container will treat 30 acres at the maximum use rate, as directed for use on forage grasses.)
**Hazardous Substances**

**PRECAUTIONARY STATEMENTS**

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, clothing, or floor.

- **For terrestrial uses:** Do not apply directly to water, or to areas where surface water is present.
- **For aquatic uses:** Do not apply to bodies of water or to areas where surface water is present.

- **General directions for use:** Use only as directed. Read the label thoroughly and make sure it is understood before using.

**DIRECTIONS FOR CHEMIGATION**

1. **Start with a clear glass or plastic quart jar.** Add water from the same water source that will be used during the mixing and application process. Always use water with a pH of 4.0 - 8.5. If the water source is too high or too low, do not use it and choose a water source with a pH of 4.0 - 8.5.

2. **For most efficacious results,** use water with a pH of 4.0 - 8.5.

3. **For optimum effectiveness,** thorough spray coverage of the target area must be achieved.

4. **Night-time applications** are encouraged when the air temperature is higher, thus optimizing effectiveness. Night-time applications are discouraged when day-time conditions are conducive to slow drying conditions.

5. **Applications made under slow drying conditions (cloud to warm temperatures, medium to high relative humidity, and no wind)** will increase absorption of the active ingredient by the plant, thus optimizing effectiveness. Night-time applications are encouraged when day-time conditions are conducive to slow drying conditions.

6. **Avoid** accidental application to other crops.

**Compatibility:**

- When considering tank mixing with other products, the user should ensure that the compatibility test jar results are consistent with the tank mixing test results. Compatibility will be maintained if the following conditions are met:

  - Make sure that the product is applied at the recommended rate, taking care to avoid over-application.
  - Mix the products thoroughly after each addition of water.
  - Mix the products thoroughly before proceeding to the next step.

**Storage and Disposal:**

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

- **Pesticide disposal:** Wastes resulting from the use of this product must be disposed of in an appropriate manner for disposal.

- **Container disposal:** Non-reclaimable containers. Do not re-use this container.

- **Compatibility:** Compatibility will be maintained if the following conditions are met:

  - Mix the products thoroughly after each addition of water.
  - Mix the products thoroughly before proceeding to the next step.

**Mixing Instructions:**

1. **Compatibility testing:**

   - Use a jar test to determine compatibility before mixing the products in a whole tank.

2. **Compatibility testing of several products:**

   - Use a separate jar test for each product.

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the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the inlet side of the injection pump connected to the system interlock to prevent flood from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump stops, or in cases where there is no water pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Systems must contain an injection pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock (e.g. diaphragm pump). Effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock (e.g. diaphragm pump).

Grasses
- Forage
- Perennial
- Field Use

VARIETY
CROP
OBJECTIVE/BENEFIT
RATE/ACRE
APPLY AT
APPLYING TIMING
PASSENGER GRASSES
To stimulate dry matter production for grazing, hay, green grass silage, or cool season perennial grasses.
0.3-1.0 Ounces
0.3-1.0 Ounces
Spring Application: 1 Application every 3-4 weeks starting when forage growth has slowed due to cool temperatures.

Winter Grasses (such as brassicas)
To stimulate dry matter production for grazing during winter months.
0.3-1.0 Ounces
0.3-1.0 Ounces
Spring Application: 1 Application every 3-4 weeks starting when forage growth has slowed due to cool temperatures.

ANNUAL FORAGE GRASSES
To stimulate dry matter production for grazing, hay, green grass silage when even established pastures, apply only after seeding, new established pastures.
0.3-1.0 Ounces
0.3-1.0 Ounces
Spring Application: 1 Application every 3-4 weeks starting when forage growth has slowed due to cool temperatures.

PASTURES & FORAGE - FIELD USES (continued)

NOTE:
- Field occasionally and temporarily appears lighter green in color due to accelerated growth rates following application. For best results, ensure fertility is adequate to sustain additional plant growth.
- Plants will respond to treatment without adequate moisture if or under pest and nutritional stress.
- Once plants are at their maximum growth rate under optimal temperatures application of RyzUp SmartGrass will not stimulate additional growth.
- Plants will respond to treatment when the ground is frozen.
- Plants treated at maximum physiological size will not respond with additional growth.

For Organic Production
- RyzUp SmartGrass is a registered trademark of Valent BioSciences Corporation. Roundup is a registered trademark of Monsanto Company.

CAUTION:
- Do not tank-mix RyzUp SmartGrass with 2,4-D or any herbicide containing 2,4-D when applying to corn.
- RyzUp SmartGrass enhances the effect of some HPPD (group #27) herbicides and will cause unwanted injury on corn when applied post-emergence to hybrids with a known sensitivity to HPPD herbicides.
- Always consider tank-mix partner recommendations when using RyzUp SmartGrass.
- Do not tank mix RyzUp SmartGrass with 2,4-D or any herbicide containing 2,4-D when applying to corn.
- RyzUp SmartGrass is compatible as a tank-mix partner with Roundup® herbicides on glyphosate resistant corn. Use of RyzUp SmartGrass with other tank-mix partners is not recommended.
- Use of RyzUp SmartGrass with corn on hybrids with known sensitivity to HPPD herbicides.

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Regulated by:
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(202) 472-0511
Fax: (202) 472-0599
www.epa.gov

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