

TO CONTROL SPROUTING POTATOES IN STORAGE - EAST OF THE ROCKY MOUNTAINS

General Information

DIRECTIONS FOR USE

APPLICATION NOTES (For All Applications):

1. Always read and follow dosage recommendations carefully and spray fields uniformly.
2. Uneven applications may result in “elephant hide” and/or bud end cracking of the Potato tubers.
3. To obtain the desired results, the plants/crop should not be stressed from either too much or too little water before or after application.
4. Apply only one application per season.
5. Do not apply to Potato plants grown for seed.
6. Rain or overhead irrigation occurring within 24 hours after application may reduce effectiveness. Spray Onions or Potatoes at least 24 hours before rain or overhead irrigation.
7. A minimum of 2 weeks should be allowed between the use of this product on Potatoes and the use of a vine desiccant.
8. This product is non-volatile, but regardless, no drift should be permitted onto nearby crops. Special care should be taken to prevent drift when aerial applications are made.
9. This product should be applied at temperatures below 85°F or at temperatures of 80°F if expected to exceed 85°F later that same day. This product is water-soluble and under high temperatures and low humidity conditions it will crystallize on the leaf surface preventing normal absorption into the plant.
10. Spray adjuvants are not recommended for application of this product on

Potatoes. For spray adjuvant use with Onions, see that specific section.

11. Although this product is compatible with most commonly used fungicides and insecticides, separate applications are recommended.

12. Occasionally, injury to the terminal growth of Potato foliage has been observed following application of this product according to label recommendations. Trials and usage have indicated that this injury does not adversely affect the yield or quality of the Potato tubers at harvest.

13. For control of wild Onions and Garlic do not apply to young seedlings less than one season old. Do not pasture livestock in, or cut hay from, treated areas.

14. This product is not corrosive to spray equipment.

15. Rinse spray equipment with water after application. Do not contaminate water by cleaning of equipment or disposal of waste.

Limitations, Restrictions, and Exceptions

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EAST OF THE ROCKY MOUNTAINS

Benefits For Use on Potatoes East of the Rocky Mountains:

Control of Sprouting: This product will control the sprouting of Potatoes in storage when applied as instructed. It will not make poor “keeping” Potato varieties (such as Norgold or Norchip) into a good “keeping” Potato.

Volunteer Reduction: This product will reduce the number of volunteer Potatoes in the following Spring due to its ability to control sprouting.

Improvement of Grade: This product may improve the grade of Potatoes (Russet Burbank variety) if the application is made prior to any secondary tuber formation.

Undersized Potatoes: This product will help reduce any additional sets of Potatoes, thereby decreasing the number of undersized Potatoes in the field at harvest time.

Shrinkage Reduction: Applications of this product at labeled rates can reduce shrinkage in storage up to 15%.

WHEN TO APPLY

The timing of application may occur as early as 2 to 3 weeks after full bloom when the primary and secondary inflorescences have lost most of their flowers and a few third order inflorescences and buds are present. This occurs when a yellow color shows on a few of the lower leaves. Application before this time may result in reduced tuber size and phytotoxicity. Provided that the above conditions have been met, the following tuber sizes may also be used as a guide:

Russet Burbank and other Russet (Elongated types)—The smallest tubers that are required to reach the size of 4 to 6 ounces minimum, should be 1.5 to 2 inches in diameter and elongating at the time of application, except for Norgold which must be at least 2 inches in diameter at the time of application.

Other Varieties (Round types)—The smallest tubers that are required to reach maximum size should be 1.5 inches in diameter at the time of application, except for Norchip which must be at least 2 inches in diameter at the time of application.

APPLICATION METHODS AND RATES

1. Ground Application: Apply 1 to 1.33 gallons of this product in a minimum of 30 gallons of water per acre. Use the 1.33 gallons rate when vines are hardy and in areas where the vines will stay green and robust up through the time of crop desiccation. The higher rate should be used on readily sprouting varieties such as Norgold, or when Potato storage will be under extended high temperatures.

2. Aerial Application: Apply 1 to 1.33 gallons of this product in a sufficient quantity of water to gain complete and uniform coverage of one acre. Use the 1.33 gallons rate when vines are hardy and robust up through the time of crop desiccation. The higher rate should be used on readily sprouting varieties such as Norgold, or when Potato storage will be under extended high temperatures.

Note: Applications should be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Method

[Broadcast/Foliar Air](#)

Broadcast/Foliar Ground

Rates

field_rates 0

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Restricted Entry Interval

12 hours

Timings

As early as 2 to 3 weeks after full bloom when the primary and secondary inflorescences have lost most of their flowers and a few third order inflorescences and buds are present.