

FOR USE ON POTATOES WEST OF THE ROCKY MOUNTAINS - GROUND APPLICATION

Limitations, Restrictions, and Exceptions

DIRECTIONS FOR USE: POTATOES

PRODUCT INFORMATION

ROYAL MH-30 is a potassium salt formulation of maleic hydrazide used on potatoes for control of tuber sprouting in storage and other benefits. To allow translocation of chemical down to the tubers, ROYAL MH-30 should be applied after tubers are formed and while vines are still green and are free from insects, diseases or other disorders. See APPLICATION NOTES for additional important information.

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BENEFITS

Sprout Control

ROYAL MH-30 will control sprouting of potatoes in storage. However, ROYAL MH-30 will not make a poor-keeping variety store as well as a good-keeping variety.

Reduction of Volunteer Potatoes

ROYAL MH-30 will reduce the number of volunteer potatoes the following spring because of its ability to control sprouting.

Reduces Shrinkage

ROYAL MH-30 applications can reduce shrinkage in storage up to 15 percent.

May Improve Grade

ROYAL MH-30 may improve the grade of potatoes if the application is made prior to any secondary tuber growth.

TIMING OF APPLICATION

ROYAL MH-30 should be applied when the smallest tubers that you want to harvest are 2 to 2.5 inches in diameter or about 2 to 2.5 ounces in weight. This usually occurs about 3 to 4 weeks after fullbloom or 11 to 12 weeks after emergence on the Russet Burbank variety. The smallest tubers that are required to reach marketable size should be starting to elongate on Russet Burbank or similar varieties at the

time of treatment. APPLICATION PRIOR TO THIS TIME MAY RESULT IN PHYTOTOXICITY AND REDUCED TUBER SIZE. If vines are to be desiccated, apply ROYAL MH- 30 at least 2 weeks prior to vine desiccation for good sprout control and storage benefits. DO NOT APPLY TO POTATO PLANTS THAT ARE UNDER STRESS.

RATE OF APPLICATION

Ground Application

Use 2 gallons of ROYAL MH-30 per acre in a minimum of 30 gallons of water per acre.

APPLICATION NOTES: POTATOES

1. Always follow dosage recommendations carefully and spray field uniformly. Uniform and complete coverage is essential for satisfactory results.
2. Uneven application may result in bud end cracking and/or “elephant hide” on potato tubers.
3. To obtain desired results, plants should not be stressed from either too little or excessive water before or after application.
4. Do not use on potato plants grown for seed production.
5. Use only one application of ROYAL MH-30 per year.
6. Spray potatoes or onions at least 24 hours before rain or applying overhead irrigation. Rain or overhead irrigation occurring within 24 hours after application may reduce effectiveness.
7. At least a 2-week interval should be allowed between a ROYAL MH-30 application to potatoes and the use of a vine desiccant.
8. Although ROYAL MH-30 is non-volatile, no drift should be permitted onto nearby crops. Particular care should be taken to prevent drift when aerial applications are being made.
9. TEMPERATURE: ROYAL MH-30 should be applied at temperatures below 85°F or at temperatures below 80°F if the temperature is expected to exceed 85°F later that day. ROYAL MH-30 is water soluble and under high temperature and low humidity conditions will crystallize on the leaf surface and will not be readily absorbed into the plant.
10. SPRAY ADJUVANTS: For potatoes, do not add additional wetting agents or commercial spray adjuvants to ROYAL MH-30 spray solutions. For onions, see Directions for Use.
11. Do not tank mix ROYAL MH-30 with other fungicides and insecticides. If used apply separately.
12. Occasional injury to the terminal growth of potatoes foliage has been observed

following the application of ROYAL MH-30. However, trials and usage indicate that this does not adversely affect the yield or the quality of the potato tubers at harvest, provided that the product has been applied according to label directions.

Method

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[When the smallest tubers that you want to harvest are 2 to 2.5 inches in diameter or about 2 to 2.5 ounces in weight.](#)