

POTATOES

General Information

GENERAL INFORMATION

SOIL TEXTURE

As used on the label, coarse soils are loamy sand or sandy loam soils. Medium soils are loam, silt loam, silt, sandy clay, or sandy clay loam. Fine soils are silty clay, silty clay loam, clay, or clay loam. Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not allow sprays to drift on to adjacent desirable plants.

Apply this product only as specified on the label.

Do not rotate any crop not listed on the label for 18 months following application of Metribuzin 75DF.

Do not use on other crops grown for food or forage. Observe all cautions and limitations on labeling of all products used in mixtures.

For all uses: Low-pressure and high-volume hand-wand equipment is prohibited.

CHEMIGATION

Metribuzin 75DF is recommended for application through sprinkler irrigation equipment to potatoes, soybeans, tomatoes, and asparagus as directed on the label. Refer to the crop sections of the label for recommended rates, weeds controlled or suppressed, restrictions, and special precautions.

Apply this product only through sprinkler including center pivot, lateral move, or solid set irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

APPLICATION OF METRIBUZIN 75DF WITH HERBICIDE SPRAY EQUIPMENT

Use a standard low pressure (20 to 40 psi) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 50-mesh in nozzle and in-line strainers. Agitate thoroughly before and during application with bypass agitation.

GROUND APPLICATION: Apply the proper rate of Metribuzin 75DF in a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

BANDED APPLICATION: Use proportionally less Metribuzin 75DF per acre in a band versus a broadcast application. For band application, use 1/4 to 1 gallon of spray mix per inch of band width regardless of row spacing.

Examples: (1) To treat a 15-inch band on rows 30 inches apart, use one-half of the broadcast rate of Metribuzin 75DF. (2) To treat a 14-inch band on rows 42 inches apart, use one-third of the broadcast rate of Metribuzin 75DF.

AERIAL APPLICATION: Where permitted, apply specified rate in a minimum of 2 to 10 gallons of spray mixture per acre. Do not apply aurally when wind speed is greater than 10 mph.

NOTE: Do not apply aurally when Metribuzin 75DF is tank mixed with Lasso.

For All Applications of Metribuzin 75DF: Sprayer must be accurately calibrated before applying Metribuzin 75DF. Check sprayer during application to be sure it is working properly and delivering a uniform spray pattern. As the volume of spray mixture decreases per acre, the importance of accurate calibration and uniform application increases. Avoid over application, misapplication, and boom and spray swath overlapping that will increase spray dosage. (Crop injury may occur as a result). Avoid spray skips and gaps which allow weeds to grow in untreated soil. Do not apply when weather conditions favor spray drift and/or when sensitive or cool season crops, such as cole crops, onions, peas, or strawberries are present in adjacent fields or in areas where wheat is growing in coarse-textured soils.

Refer in the label for tank mix information.

Limitations, Restrictions, and Exceptions

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Metribuzin 75 herbicide may be used in ground, aircraft or specified chemigation equipment as a preemergence and/or postemergence application to potatoes. Early maturing smooth skinned white and all red skinned varieties may be injured with postemergence applications. The varieties Atlantic, Bellchip, Centennial, Chipbelle and Shepody are sensitive to Metribuzin 75. Avoid postemergence applications on these varieties.

Preemergence applications on these varieties may cause crop injury under adverse weather conditions, on coarse soils, under high soil pH, with higher rates per acre and with mechanical incorporation.

Ground Application: Metribuzin 75 may be used with ground spray equipment applied as a preemergence and/or postemergence application for control of the listed grass and broadleaf weeds in potatoes. Apply as a uniform broadcast spray at 20 or more gallons per acre.

Aerial Application: Metribuzin 75 may be applied in aerial spray equipment as a preemergence and/or postemergence application at 5 or more gallons per acre.

Chemigation: Metribuzin 75 may be applied preemergence and/or early postemergence to potatoes using center pivot, solid set and lateral roll systems. Apply specified dosage in $\frac{1}{4}$ to $\frac{3}{4}$ inch of water per acre ($\frac{1}{4}$ to $\frac{1}{2}$ inch on sandy soil) as a continuous injection in self-propelled systems or apply in the last 15 to 30 minutes of the set in other systems. Be sure all the Metribuzin 75 Lb/Acre has been flushed from the lines before shutting down the system.

Weeds Controlled

Metribuzin 75 applied to potatoes according to directions, will provide economic control of the following weeds. For optimum control, applications should be made before weeds are 1 inch tall.

Hard To Control Weeds

Although Metribuzin 75 may not provide commercially acceptable control in every instance, it will suppress growth of the following weeds and reduce their competition with potato plants.

Note: Where triazine-resistant weeds are present, Metribuzin 75 alone may not provide adequate control.

Preemergence: Apply specified dosage as a broadcast spray. Do not mechanically incorporate into soil. Use the 1/3 to 2/3 lb/acre rate for control of wild mustard (*Brassica* sp.) only. On sand soils or sensitive varieties, do not exceed 2/3 lb/acre.

Split Applications: This product may be applied once preemergence and one postemergence as directed above [Refer to Special Precautions (Potatoes)]. Do not exceed 1-1/3 lbs total per acre per season.

Special Precautions (Potatoes):

Do not use Metribuzin 75 on potatoes in Kern County, California.

Do not apply more than a total of 1-1/3 lbs Metribuzin 75 per acre in a single crop season regardless of the method of application.

Do not make postemergence applications prior to rainfall or irrigation on recently cultivated potatoes, nor within 3 days after periods of cool, wet cloudy weather or injury may occur.

Postemergence applications may cause some chlorosis or minor necrosis. These symptoms may be more severe if seed-piece decay is occurring or if growing conditions favor crop stress.

Postemergence applications may be made only on russet or white skinned varieties that are not early maturing.

Potato varieties may vary in their response to herbicide applications. When using Metribuzin 75 for the first time on a particular variety, always determine crop tolerance before using on a field scale.

Do not apply Metribuzin 75 within 60 days of harvest.

Do not rotate any crop not listed on the label for 18 months following application.

Do not use air blast sprayers.

Do not apply to sweet potatoes or yams.

Do not plant sensitive crops such as onions, lettuce, cole crops and cucurbits during the next growing season following Metribuzin 75 application.

Certain cereal varieties are sensitive to Metribuzin 75 (see cereal section of the label for sensitive varieties) and should not be planted during the next growing season unless the following cultural practices occur:

1. Potato vines left in rows as a result of harvest must be uniformly distributed over the soil surface prior to plowing and,
 2. Plow with a moldboard plow to a depth sufficient to mix the upper 8 inches of soil.
- Use the 1/3 to 2/3 lb/acre rate for control of wild mustard (Brassica sp.) only.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

12 hours

Exception: If the 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.

Timings

[Preemergence \(Crop\)](#)