



# Special Local Need

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF PENNSYLVANIA

## METRICOR® DF HERBICIDE

FOR CONTROL OF ALS-RESISTANT CHICKWEED IN CEREALS  
-WINTER BARLEY AND WINTER WHEAT-

This label is valid until December 31, 2025 or until otherwise amended, withdrawn, cancelled or suspended.

ACTIVE INGREDIENT:	% BY WEIGHT
Metribuzin: 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one.....	75.0%
OTHER INGREDIENTS:.....	25.0%
TOTAL.....	100.0%

EPA Reg. No. 70506-103

EPA SLN No. PA-200004

### DIRECTIONS FOR USE

It is a violation of federal law to use this product inconsistent with its labeling. THIS LABEL AND THE LABEL FOR THE FEDERALLY REGISTERED PRODUCT, EPA REG. NO. 70506-103, MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

### KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

FAILURE TO STRICTLY FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN INJURY TO CROPS, INEFFECTIVE PEST CONTROL, AND/OR ILLEGAL RESIDUES.

### DERMAL EXPOSURE GUIDELINES

In an attempt to reduce dermal exposure, the Pennsylvania Department of Agriculture (PDA) will require chemically resistant coveralls as additional personal protective equipment for mixing, loading, applying, and flagging in the case of an aerial application.

PDA requires a **30 day REI**, with early entry work permitted by appropriate PPE (label required PPE + chemically resistant coveralls).

### ENVIRONMENTAL HAZARDS

PDA requires set backs added to ensure applications and mixing/loading activities are not undertaken near wells or bodies of water. Mixing/loading should not take place within 50 ft of perennial or intermittent streams and rivers, natural or impounded lakes and reservoirs, and wells (including abandoned wells, drainage wells, and sink holes) except on appropriate pads capable of containing possible spills.



# Special Local Need

Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain, at a minimum, 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site.

Additionally, applications should not take place within 66 ft of points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 ft from the edge of natural or impounded lakes and reservoirs.

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment wash waters.

## GROUND WATER ADVISORY

Metribuzin is a chemical which can travel (seep or leach) through soil and can contaminate ground water which may be used as drinking water. Metribuzin has been found in ground water as a result of agricultural use. Users are advised not to apply metribuzin where the water table (ground water) is close to the surface and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

## CEREALS: WINTER BARLEY AND WINTER WHEAT

Use METRICOR DF herbicide for control of ALS-resistant chickweed in a postemergence application to winter barley or winter wheat. METRICOR DF may be applied alone or in a tank mixture (see below).

**Mixing:** See the GENERAL INFORMATION section of the product label for specific mixing procedures. When tank mixing, carefully follow the instructions on this label. Refer to the other product labels registered for use in barley and winter wheat for additional use directions, rates, weeds controlled, and restrictions.

**Application:** METRICOR DF may be applied by aerial or ground application equipment. Use a minimum spray volume of 2 GPA by air and 10 GPA by ground. Uniform spray coverage is necessary to obtain optimum weed control and to minimize potential for crop injury. DO NOT exceed rate specified on this label. DO NOT apply METRICOR DF through any type of irrigation equipment. Apply METRICOR DF when the crop is healthy and actively growing. METRICOR DF may be applied more than once per crop season. Allow a minimum of 21 days between applications if wheat is actively growing or allow 45 days between applications if wheat is growing in adverse conditions, has entered dormancy or is stressed due to frost damage, disease, drought or excessive moisture. DO NOT use on soils containing less than 0.75% organic matter. DO NOT apply more than a total of 10.66 ounces METRICOR DF (8 ounces active ingredient) per acre per year. On irrigated cereals, DO NOT apply more than 0.5 inch of water for the first irrigation. The maximum amount for each additional irrigation should not exceed 1 inch. Allow a minimum of 14 days between the first irrigation and subsequent irrigations.

**Performance Factors:** Weed control may not be observed for 2 to 4 weeks under normal growth conditions and for 4 to 6 weeks under very dry conditions. Moisture (at least ½ inch) is required within 2 to 3 weeks after application to move METRICOR DF into the weed root zone. Lack of adequate moisture after application may



# Special Local Need

result in poor or erratic weed control. Control or suppression of listed weeds is dependent on weed size at time of application. Control or suppression may be reduced if broadleaf weeds are taller than 1 inch or grasses have more than 2 leaves.

**Tank Mixtures:** METRICOR DF may be tank mixed with Axial, Harmony, Harmony Extra, 2,4-D, MCPA, Banvel/Banvel SGF, Banvel/Clarity, Osprey, Powerflex herbicides. A nonionic surfactant containing at least 80% active ingredient may be used in METRICOR DF tank mixes with sulfonylurea herbicides. DO NOT use a crop oil concentrate or any adjuvant containing vegetable or petroleum oils with any METRICOR DF mix as crop injury may result. Additional pesticides may also be tank mixed with METRICOR DF unless specifically prohibited on the mix products' label. In some instances, combinations with organophosphate insecticides may cause temporary leaf yellowing and/or crop injury, especially when widely fluctuating day/night temperatures occur near application.

**Feeding Restrictions:** DO NOT graze wheat within 14 days of METRICOR DF application or harvest grain within 21 days after last application. DO NOT graze or harvest barley before crop maturity. For tank mix combinations, follow the most restrictive label.

**SPECIAL PRECAUTIONS:** Cereal crop injury may occur if METRICOR DF is applied:

1. When the crop is under stress such as winterkill, frost damage, disease, drought or excessive moisture, severe grazing, or when these conditions follow the application.
2. In combination with fluid fertilizer especially with the addition of surfactant.
3. Prior to the growth stage specified on this label.
4. To soils high in lime or sodium, a pH greater than 7.7, calcareous, gravelly, thinly covered, or exposed subsoil areas.
5. To fields where cereal seeds have been planted less than 1 inch deep.
6. To a non-winter hardy wheat or barely variety.
7. To a sensitive wheat or barley variety as listed below.
8. To frozen soil or crop still in winter dormancy.

**Cereal Rotations Following Potatoes Treated with METRICOR DF:** If planting a sensitive cereal variety, following potatoes treated with METRICOR DF or metribuzin containing products, refer to the potato section of the METRICOR DF label for special cultural practices to follow.

## APPLICATION RECOMMENDATIONS

POSTEMERGENCE BROADCAST APPLICATIONS OF METRICOR DF			
CROP GROWTH STAGE	SOIL TEXTURE	METRICOR DF RATE (oz/A) % ORGANIC MATTER	
		0.75 to 2.0	Over 2.0
2 Leaf to 2 Tiller	Coarse	1 to 2	1 to 3
	Medium	1 to 3	2 to 3
	Fine	2 to 3	2 to 4
	Use these rates on crops with secondary roots smaller than 1 inch.		
3 Tiller to 4 Tiller	Coarse	3 to 4	4
	Medium	4 to 5	4 – suppression
	Fine	4 - suppression	4 - suppression
	Use these rates on crops with secondary roots smaller than 1 inch. Do not apply within 2 weeks after grazing or breaking of winter dormancy. Apply after the crop is at or beyond the 3 tiller growth stage but before jointing. Secondary roots should be developed and larger than 1 inch long. Do not apply before 75 days after planting.		

## WHEAT AND BARLEY VARIETAL TOLERANCE

It is recognized that some varieties of wheat and barley are susceptible to injury after applications involving metribuzin. Applicators of METRICOR DF should consult with seed companies or State



# Special Local Need

Extension specialists to check for varieties that are susceptible to injury and should consider taking all necessary measures to avoid injury, including making the decision not to apply METRICOR DF if crop injury is possible.

## WEEDS CONTROLLED

Used at labeled rates, METRICOR DF will control many annual broadleaf weeds. Control is best when applied to young, actively growing weeds. Weeds controlled by METRICOR DF include:

Chickweed, Common\*

Chickweed, Mouseear\*

\*For optimal control, apply up to weeds <= 4 inches.

CROP ROTATION RESTRICTIONS			
Waiting Period After METRICOR DF Herbicide Application <sup>1</sup>			
4 Months	Alfalfa	Forage Grasses	Sugarcane
	Asparagus	Sainfoin	Tomatoes
	Barley <sup>2</sup>	Soybeans	Wheat <sup>2</sup>
	Corn		
8 Months	Barley	Lentils	Wheat
		Peas	
12 Months	Rice <sup>3</sup>	Potatoes	
18 Months	Sugar Beets, Onions and other root crops not listed on this label, and all other crops not listed on this label.		
<sup>1</sup> Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed. Stand reductions may occur in some areas.			
<sup>2</sup> Following peas, lentils or soybeans			
<sup>3</sup> Do not rotate rice after any application to a primary crop greater than 1.0 lb. ai/A of METRICOR DF per season. Do not rotate any crop not listed on this label after application of METRICOR DF to sugarcane.			

8/5/20