



## FIFRA 24(c) Special Local Need Label (SLN)

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NORTH DAKOTA

### For Control of Disease on Long-Season Potatoes Grown Under Irrigation

## BRAVO® ZN

For Agricultural or Commercial Use Only

EPA Reg. No. 66222-278

SLN No. ND-190005

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**Active Ingredient:**

Chlorothalonil (tetrachloroisophalonitrile)..... 38.5%

**Other Ingredients**..... 61.5%

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**Total:** 100.0%

### KEEP OUT OF REACH OF CHILDREN WARNING

This label is valid until December 31, 2023 or until otherwise amended, withdrawn, cancelled, or suspended

#### DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of pesticide application.
- Read the "Limitation of Warranty and Liability" in the label booklet for BRAVO ZN before using.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.
- The complete DIRECTIONS FOR USE can be found on the currently registered EPA Stamped Label.

#### RECOMMENDATIONS FOR CONTROL OF DISEASES ON POTATO

BRAVO® ZN is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. BRAVO ZN is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

BRAVO ZN is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides which are at risk from disease resistance exhibit a single-site mode of fungicidal action. BRAVO ZN, with a multi-site mode of action, may be used to delay or prevent the development of resistance to single-site fungicides. Consult with your federal or state Cooperative Extension Service representatives for guidance on the proper use of BRAVO ZN in programs that seek to minimize the occurrence of disease resistance to other fungicides.

CROP	DISEASE	CASUAL AGENT	RATE PER ACRE
Potato	Late Blight Early Blight Botrytis vine rot	<i>Phytophthora infestans</i> <i>Alternaria solani</i> <i>Botrytis cinerea</i>	Low rate: 1.25 pt then, Higher rates: 1 1/2 to 2 .25 pt.

## APPLICATION DIRECTIONS

Begin applications of BRAVO ZN at the low rate when vines are first exposed and leaf wetness occurs. Repeat applications at 5 to 10 day intervals. The minimum re-treatment interval is 5 days.

Begin applying the higher label rates at 5 to 10 day intervals when any one of the following events occurs:

- Vines close between rows;
- Late blight forecasting measures 18 disease severity values (DSV); or
- The crop reaches 300 P-days.

Increase water spray volume as canopy density increases. Use the highest rate and shortest interval when plants are rapidly growing and disease conditions are severe. A maximum of 30-1/2 pints of BRAVO ZN (16 pounds a.i.) per acre may be used on long-season varieties of potato during each growing season. **DO NOT** apply within 7 days of harvest. BRAVO ZN may be applied through sprinkler irrigation equipment (solid set, portable wheel move, motorized lateral move or center pivot systems only). **DO NOT** exceed a 10 day interval between applications when using this technique. See calibration and application directions on the BRAVO ZN label.

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Bravo ZN is a registered trademark of ADAMA

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