



# SIPCAM AGRO USA, INC.

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MINNESOTA  
For Control of Diseases on Full-Season Potatoes Grown under Irrigation

## ECHO<sup>®</sup> ZN Agricultural Fungicide

This label expires and may not be distributed or used in accordance with  
this SLN registration after December 31, 2025.

EPA Reg. No. 60063-4

EPA SLN No. MN-210003

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner that is inconsistent with its labeling.

This labeling 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 for ECHO ZN.

Applicators must operate under an Irrigation Management Plan for use of this label. Observe application setbacks from surface water and intermittent streams of 25 feet (land application) and 100 feet (aerial application). All necessary precautions must be taken to not contaminate surface or groundwater when disposing of waste pesticide product and rinsate.

Target Diseases	PHI (days)	Application Rate Pints Per Acre (lbs. a.i.)	Application Directions
Late Blight ( <i>Phytophthora infestans</i> ) Early Blight ( <i>Alternaria solani</i> ) Botrytis vine rot ( <i>Botrytis cinerea</i> )	7	1.0 (0.6) --Then-- 1.5 to 2.125 (0.75 to 1.125)	Begin applications at the low rate when vines are first exposed and leaf wetness occurs. Repeat applications at 5- to 10-day intervals. Begin applying the higher label rates 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 30½ pints of ECHO ZN (16 pounds a.i.) per acre may be used on long-season varieties of potato under irrigation during each growing season.

### Integrated Pest Management

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

FIFRA 24(c) Registrant:

Sipcam Agro USA, Inc.  
2525 Meridian Parkway  
Durham, NC 27713

03/23/2021  
Page 1 of 2



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### Fungicide Resistance Management

ECHO brand chlorothalonil fungicide 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. ECHO, 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 ECHO in programs which seek to minimize the occurrence of disease resistance to other fungicides.

### Endangered Species

It is a violation of federal law to harm an endangered species. Use of this product may be in counties which have endangered and threatened species present; therefore, applicators should evaluate the areas to be treated and take necessary precautions to avoid harming endangered species or their habitat/environment. Pesticide applicators can best follow the Minnesota Endangered Species Statue and associated rules by applying pesticides in a manner that will not place listed species at risk. More information on Minnesota's endangered species, threatened species, and species of special concern can be obtained from the [Minnesota Department of Natural Resources](#) or by calling 651-296-6157 or 888-646-6367.

**CONDITIONS OF SALE:** To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

Approval Date: 03/23/2021  
Expiration Date: 12/31/2025

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