



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 3, 2022

Lenora J. Jones
Registration Specialist
Washington State Department of Agriculture
P.O. Box 42560
Olympia, Washington 98504-4260

Subject: FIFRA 24(c) Registration – SLN Amendment Acknowledgment Letter
SLN Registration Number: WA190006
EPA Decision Number: 581595
SLN Expiration Date: December 31, 2023
Parent EPA Reg. No.: 10163-402 (previously 80289-12)
Product Name: Badge X₂[®]

Dear Ms. Jones:

This letter acknowledges receipt of an amendment for the above-listed Special Local Need (SLN) registration pursuant to Section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. The original SLN registration permits use of Badge X₂[®] Fungicide/Bactericide (copper hydroxide and copper oxychloride) diluted in a mixture of water and latex paint, for use on tree cankers, cut-offs, notching and scoring in apple, sweet cherry, and pear (nursery and orchard) to control fire blight, *Pseudomonas* and *Phytophthora*. You indicated that growers have very limited availability of materials to manage bacterial diseases such as *Pseudomonas* and fire blight in fruit trees and there are no currently registered products that allow this use on pome or stone fruit, thus a need for this SLN registration. This amendment will extend the expiration date to 12/31/2023.

The Agency has completed a review of the amendment of this use and acknowledges the State's SLN registration, as amended. Please inform the registrant that we have placed a copy of the amended SLN label in our files. If you have any questions, please contact Ruthanne Loudon by email at louden.ruthanne@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Ruthanne Loudon".

Ruthanne Loudon, Acting Senior Regulatory Specialist
Emergency Response Team
Minor Use and Emergency Response Branch
Registration Division
Office of Pesticide Programs

cc: *Chad Schulze, EPA Region 10 Coordinator*
Derrick Terada, EPA Region 10 Tribal Coordinator

FIFRA SECTION 24(C) SPECIAL LOCAL NEED REGISTRATION FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON



FOR ORGANIC PRODUCTION

Badge[®]X₂

EPA Reg. No. 80289-12 EPA SLN No. WA-190006A

WARNING / AVISO

This label for Badge X2 expires and must not be distributed or used in accordance with this SLN registration after 12/31/2023.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators, mixers, and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, protective eyewear (goggles, safety glasses, or face shield), chemical-resistant gloves such as natural rubber, and appropriate respirator. Follow the instructions for category A on an EPA chemical-resistance category selection chart for other options.

USER SAFETY RECOMMENDATIONS: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

DIRECTIONS FOR USE

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- Labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

CROPS/SITES: Apple, sweet cherry, and pear (nursery and orchard)

PESTS: Fire blight, *Pseudomonas* spp., *Phytophthora* spp.

Rate and method of application on Apple, Sweet Cherry, and Pear:		
Mix Badge X2 with latex paint (preferably low- or no-VOC) and water into a non-metallic container (i.e. plastic pail). Uniformly apply the latex paint solution with a brush or sponge to cankers, after cut-outs, notching, scoring, grafts or spot treating damaged bark areas on apples, sweet cherry or pear trees against certain diseases. If necessary, affected tree areas may be retreated a second time.		
Badge X2	Water	Latex Paint
0.125-0.25 lb (2-4 oz)	8-16 fl oz	1 quart
0.25-0.5 lb (4-8 oz)	0.5-1 quart	1 gal
0.5-1 lb (8-16 oz)	1-2 quarts	2 gal
1-2 lb (16-32 oz)	0.5-1 gal	4 gal

Post-harvest application for protection of tree trunks in Sweet Cherry (only):

Mix Badge X2 with latex paint (preferably low- or no-VOC) and water into a non-metallic container (i.e. plastic pail). Uniformly apply the latex paint solution with a brush or sponge post-harvest (e.g. September-October) to protect tree trunks of sweet cherry trees.

Badge X2	Water	Latex Paint
0.125 lb (2 oz)	8-16 fl oz	1 quart
0.25 lb (4 oz)	0.5-1 quart	1 gal
0.5 lb (8 oz)	1-2 quarts	2 gal
1 lb (16 oz)	0.5-1 gal	4 gal

RESTRICTIONS/PRECAUTIONS

- Allow at least 5 days between the first and second application of the affected areas per year.
- Do not apply more than 16 lbs active copper/acre on apples and pears or 18 lbs active copper/acre on cherries.
- Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.
- For use in accordance with this SLN label do not apply this product through any type of irrigation system.
- Do not use the Badge/paint/water mixture on apples or pears for general tree trunk on protection from sun scorch. This product may be reactive on metal surfaces. Avoid contact with metal surfaces. This factor should be taken into consideration when selecting containers.
- Agricultural chemicals may perform in an unpredictable manner when tank mixed. Reduced effect on pests or crop injury may occur. BADGE X2 must not be applied in a mixture having a pH of less than 6.5 as phytotoxicity may occur.

AQUATIC SPECIES ADVISORY: This product is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Badge X2 should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA Natural Resources Assessment Section web site (<https://agr.wa.gov/departments/land-and-water/natural-resources/endangered-species-program>) for additional information related to pesticide use and endangered species protection. Information from EPA about no-spray buffers zones is available at <https://agr.wa.gov/departments/land-and-water/natural-resources/endangered-species-program/buffers>. Pesticide applicators may use the Washington Department of Fish and Wildlife's SalmonScape mapping tool at <https://apps.wdfw.wa.gov/salmonscape> to determine if listed salmonid species occur in or near a proposed application site.

WSDA PESTICIDE DISPOSAL:

Do not reuse mixing containers and application equipment for any other use. Paint-contaminated buckets, brushes, sponges, and other equipment must be dried completely and disposed of in a sanitary landfill. Excess paint mixture must be applied to a labeled site or dried completely prior to disposal in a sanitary landfill.

WSDA CONTAINER DISPOSAL:

Pesticide containers must be properly cleaned prior to disposal.

Do not reuse or refill paper bags, plastic bags, or fiber drums with liners. Completely empty into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site <https://agr.wa.gov/wastepesticide>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

Section 24(c) Registrant:
Isagro USA, Inc.
1005 Slater Rd, Ste. 212
Durham, NC 27703

Rev 1-11-2022