



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511M)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

8917-5

Date of Issuance:

7/15/2025

Term of Issuance:

Unconditional

Name of Pesticide Product:

BG25 Potato virus Y (PVY)
Protection

Name and Address of Registrant (include ZIP Code):

J.R. Simplot Company
Simplot Plant Sciences
5369 W. Irving St.
Boise, ID 83706

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

**MICHAEL
MENDELSON**

Michael Mendelsohn, Chief
Emerging Technologies Branch
Biopesticides and Pollution Prevention Division (7511M)
Office of Pesticide Programs

Digitally signed by MICHAEL
MENDELSON
Date: 2025.07.15 15:47:30 -04'00'

Date:

7/15/2025

2. The subject registration will be limited to PVY coat siRNA and the genetic material necessary for its production (pSIM4363) in BG25 Potato virus Y (PVY) Protection (OCED Unique Identifier: SPS-ØBG25-7) in potato.
3. This plant-incorporated protectant may be combined through conventional breeding with registered PIPs that are similarly approved for use in combination, through conventional breeding, with registered PIPs to produce new potato varieties with combined pesticidal traits.
4. Under this registration, BG25 Potato virus Y (PVY) Protection may be used for conventional breeding with non-PIP potatoes not regulated by EPA to develop new potato varieties containing PVY coat protein siRNA and the genetic material necessary for its production (pSIM4363).
5. J.R. Simplot Company must implement the resistance management practices for BG25 Potato virus Y (PVY) Protection described in the submitted "Potato virus Y (PVY) Protection—Resistance Management" volume (MRID No. 525351-01). These measures include field management and sanitization practices to reduce the presence of PVY, the use of certified (disease free) seed, and scouting of BG25 potato fields for potential PVY disease symptoms. Growers are encouraged to report any PVY disease symptoms to J.R. Simplot Company for investigation; the company will then work with the affected growers to recommend alternate control practices to manage the disease.
6. J.R. Simplot must maintain records of annual commercial sales of BG25 Potato virus Y (PVY) Protection seed sold to growers (pounds of commercial uber seed sold per state) and make this information available to the EPA within three months of the Agency's request.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated January 30, 2025

If you have any questions, please contact Stephanie Kelly by phone at (202) 566-0890 or via email at kelly.stephanie@epa.gov.

Sincerely,

**MICHAEL
MENDELSON**

Digitally signed by
MICHAEL MENDELSON
Date: 2025.07.15
15:48:03 -04'00'

Michael Mendelson, Chief
Emerging Technologies Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure: BG25 Potato virus Y (PVY) Protection Stamped Label

Plant-Incorporated Protectant (PIP)

BG25 Potato virus Y (PVY) protection

OECD Unique Identifier: SPS-ØBG25-7

Active Ingredients

% by weight*

PVY coat protein-derived siRNA in leaf.....	4.2x10 ⁻⁶
PVY coat protein-derived siRNA in tuber.....	4.2x10 ⁻⁶

*Percent is on a fresh weight basis.

Inert Ingredients

% by weight*

Modified Potato Acetolactate Synthase (StmALS) in leaf.....	7.8x10 ⁻⁵ - 6.01x10 ⁻⁴
Modified Potato Acetolactate Synthase (StmALS) in tuber.....	2.0x10 ⁻⁵ - 5.7x10 ⁻⁵

*Percent is on a fresh weight basis.

CAUTION: KEEP OUT OF REACH OF CHILDREN

EPA REGISTRATION NUMBER: 8917-L

EPA ESTABLISHMENT NUMBER: 008917-ID-035

NET WEIGHT: Shipped in various sized containers.

DISTRIBUTOR/MANUFACTURER:

J.R. Simplot Company
5369 West Irving St.
Boise, ID 83706

This package contains Brigade potato seed with BG25 PVY protection and StmALS as an inert ingredient.

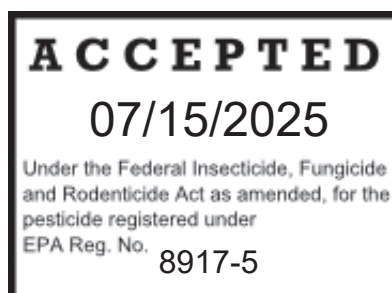
DIRECTIONS FOR USE

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

Brigade potatoes were transformed to express small interfering RNA, which block PVY infection.

Under this registration, Brigade potatoes may be used for conventional breeding with non-PIP potatoes—not registered by EPA—to develop new potato varieties with disease protection traits.

This PIP may be combined through conventional breeding with other registered PIPs, also approved for use in combination, to produce new potato varieties with combined disease protection traits.



INTEGRATED PEST MANAGEMENT

Management practices recommended for Brigade include:

- use of certified seed;
- crop rotation;
- sanitization of seed-cutting equipment;
- monitoring disease alerts;
- scouting for disease;
- vine killing prior to harvest if the crop will be stored; and
- destruction of cull piles.

See “PVY Management Guide for Brigade Potatoes” for instructions on reporting unexpected damage.

Brigade was derived from Russet Burbank and is a protected potato variety developed by the J.R. Simplot Company.