



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 21, 2019

Wendy A. McCombie
Agent
Catalytic Generators, LLC
c/o Lewis & Harrison, LLC
122 C. Street, N.W.
Suite 505
Washington, DC 20001

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revision to the label to add suppress sprouting use, California Russett Burbank potato use restriction and updated directions for use.
Product Name: Ethy-Gen II Concentrate
EPA Registration Number: 37433-1
Application Date: 08/16/2019
OPP Decision Number: 554803

Dear Ms. McCombie:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

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 U.S. Environmental Protection Agency (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

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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 false or misleading statements or claims substantially differing from the EPA-approved 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.

If you have any questions, please contact James Parker by phone at (703) 306-0469 or via email at parker.james@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with a long horizontal stroke at the end.

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

ETHY-GEN[®] II CONCENTRATE

ONLY FOR USE WITH A CATALYTIC GENERATOR TO PRODUCE ETHYLENE TO ACCELERATE RIPENING OF:

Avocados, Bananas, Citrus Fruit, Kiwifruit, Mangos, Melons, Papayas, Pears, Stone Fruits (Nectarine, Peach, Plum), Tomatoes and Tobacco
AND TO SUPPRESS SPROUTING OF:
Potatoes and Onions

ACTIVE INGREDIENT

Ethanol 92.50%
OTHER INGREDIENTS 7.50%
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOT INTENDED FOR HUMAN CONSUMPTION

FIRST AID

If Swallowed:	-Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give anything by mouth to an unconscious person.
If Inhaled:	-Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. -Call a poison control center or doctor for further treatment advice.
If in Eyes:	-Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. -Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information in case of emergency call: 1-800-255-3924 or +1-813-248-0585.

Mfg. By: **CATALYTIC GENERATORS, LLC.**

1185 Pineridge Road · Norfolk, VA 23502

+1-757-855-0191

Made in USA

EPA Reg. No. 37433-1

EPA Est. No. 37433-VA-1

PHYSICAL AND CHEMICAL HAZARDS
FLAMMABLE. Keep away from heat and open flames.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
Caution. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers and users must wear:

- Long-sleeved shirt and long pants
- Shoes and socks

DIRECTIONS FOR USE

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

Not Intended For Human Consumption

Target ethylene concentrations:

Bananas, Mangos, Melons, Papayas, Tomatoes: 100-150 ppm

Avocados, Kiwifruit, Pears, Stone Fruit: 10-100 ppm

Citrus Fruit: 1-5 ppm

Use in a Catalytic Generator during the first 24 hours of the ripening / degreening process to produce ethylene in the targeted range. One bottle [1.06 quart (1 litre)] used as directed in 4,000 to 10,000 cubic feet (113 to 283 cubic meters) ripening room produces ethylene concentrations varying from 1 to 1,200 ppm over a period 12-48 hours. One-half bottle [0.53 quart (0.5 litre)] used as directed in 1,600 to 6,000 cubic feet (45 to 170 cubic meters) ripening room produces ethylene concentrations varying from 5 to 500 ppm over a period of 6-24 hours. Using commercially available ethylene measurement devices, adjust generator output to target ethylene ppm level.

Potato Sprout Suppression: 0.1-10 ppm*

Onion Sprout Suppression: 5-25 ppm

Use in a Catalytic Generator to produce ethylene in the targeted range; use commercially available ethylene measurement devices to adjust generator output to target ethylene ppm level. Use one to two bottles [1.06 to 2.12 quarts (1 to 2 litres)] every 24 hours, depending on the size of the storage facility. Apply immediately after loading storage area and continue application until batch is removed.

*Use in CA restricted to Russett Burbank potatoes only at 4 ppm.

Tobacco: Use in a Catalytic Generator immediately after filling curing system to produce ethylene in the targeted range of 100-150 ppm. Two bottles [2.12 quarts (2 litres)] used as directed in 1,500 to 2,500 cubic feet (43 to 71 cubic meters) curing system produces ethylene concentrations varying from 15 to 300 PPM over a period of 12 - 24 hours. Use additional two bottles [2.12 quarts (2 litres)] of ETHY-GEN[®] II as required.

STORAGE AND DISPOSAL

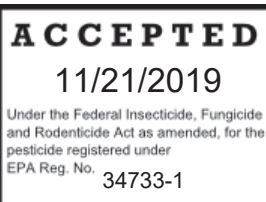
Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in dry locked storage area, at temperatures below 125°F (52°C).

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty containers with non-incineration waste in compliance with any applicable State and Local regulations

Net Contents: 1.06 US Quart (33.8 Fluid Ounces) (1 Litre)



USE PRECAUTIONS

Anyone using this product in any other type curing system or room size should contact us prior to use. The ripening room or curing system should be reasonably air-tight, all vents and doors closed, cracks or holes in walls and doors should be repaired or covered over. Do not use in enclosures less than 1,600 cubic feet (45 cubic meters).

IMPORTANT NOTICE

Use of any other product other than ETHY-GEN[®] II CONCENTRATE may damage the catalytic generator supplied by Catalytic Generators, LLC. Also, use of other products in the generator may produce harmful by-products.

Rev. 20 November 2019