



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs

EPA Reg. Number:
63950-8

Date of Issuance:
JAN 13 1997

Biopesticides and Pollution Prevention Division (7501W)
401 M Street, S.W.
Washington, DC 20460

Term of Issuance: Unconditional

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name of Pesticide Product:
Blue Circle Seed Treatment
Biological Nematicide

Name and Address of Registrant (include ZIP Code): Stine Microbial Products, 2225 Laredo Trail, Adel, IA 50003

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/reregistered 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 Agency. In order to protect health and the environment, the Administrator, on his 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 this 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. Add the phrase "EPA Reg. No. 63950-8" to the label prior to releasing the product for shipment.
2. The first sentence following the heading, "If in Eyes:" must be revised to read, "Flush eyes with plenty of water."
3. Submit five copies of the final printed labeling before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Date: JAN 13 1997

Lot No. [*****]

ACCEPTED
with COMMENTS
In EPA Letter Dated

Expiration
Date [*****]

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JAN 13 1997

BLUE CIRCLE SEED TREATMENT

is the Federal Insecticide, Fungicide, and Rodenticide as amended, for the pesticide registered under EPA Reg. No. 62950-8

BIOLOGICAL NEMATOCIDE

EPA Reg. Number: 62950-

EPA Est. Number: 7173-W1-001

U.S. Patent 5,264,210

Active Ingredient:

Burkholderia (Pseudomonax) cepacia type Wisconsin Isolates M36 3.8% (by weight)

Inert Ingredients 96.2% (by weight)

Total 100.0% (by weight)

Contains at least 50 million viable cells of Isolates M36/lb. (10⁸ cells/gm.) of product

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION

May cause moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE) - Applicators and other handlers must wear.....1) long-sleeved shirt and long pants, 2) shoes plus socks, 3) protective eyewear and 4) dust mask TC21 NIOSH approved.

Environmental Hazards: Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: ^{eyes} Flush with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

- Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.
- PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:
 - 1) Coveralls
 - 2) Waterproof gloves
 - 3) Shoes plus socks

Application Site: Seed at planting, ornamental bulbs, base of ornamental vegetative cuttings for rooting.

Application Method: BLUE CIRCLE should be mixed with seed immediately prior to planting. The indicated amount of seed is added to the planter box and moistened lightly with water from a spray bottle. BLUE CIRCLE is then added to the planter box and mixed thoroughly with the seed using a paddle to assure uniform coverage. The

seed must be planted immediately after treatment with BLUE CIRCLE. When used to treat ornamental bulbs or ornamental vegetative cuttings, dip base in BLUE CIRCLE, shake off excess and plant immediately.

Treat Foss: Disease caused by lettuce (*Protoperidium*), spiral (*Helicoverpa*), lance (*Diploteris*), root knot (*Meloidogyne incognita*) and ring (*Balansin*) nematodes.

Treat Plants: Seeds of vegetable, fruit, nut, vine crops, herbs, spices, turfgrass, flowers and field crops. Ornamental bulbs, ornamental vegetative cuttings, and greenhouse crops.

Dosage Rate: The dosage rate for BLUE CIRCLE is determined by the size of the seed to be treated. Within a plant grouping, the higher rate given applies to smaller seeded species and cultivars while the lower rate applies to the larger seeded species and cultivars. For crops not listed within a grouping, use the rate that corresponds most closely with your crop seed size. At the highest dosage rate, this bag will treat 16 pounds of seed. Use sufficient product to assure uniform seed coverage.

PLANT GROUPINGS:

ALL FIELD CROPS - Rate range is 1 ounce per 1-20 pounds of seed (Low Rate of 1 ounce per 20 pounds of seed, up to a High Rate of 1 ounce per 1 pound of seed). Crop examples are such as, but not limited to, the following:

- Small grains 4 ounces per 50 pounds of seed
- Corn, Soybeans 3 ounces per 40 pounds of seed

ALL VEGETABLES, FRUITS, HERBS, SPICES - Rate range is 1/2-1 ounce per 1-20 pounds of seed (Low Rate of 1/2-1 ounce per 20 pounds of seed, up to a High Rate of 1/2-1 ounce per 1 pound of seed). Crop examples are such as, but not limited to, the following:

- Tomatoes, Cabbage 1 ounce per 1 pound of seed
- Squash, Melons 1/2 ounces per 1 pound of seed
- Beans, Peas 2 ounces per 40 pounds of seed

ORNAMENTAL AND GREENHOUSE CROPS - Crop examples are such as, but not limited to, the following:

- Turfgrasses 4-6 ounces per 50 pounds of seed
- Small Flower Seeds Sufficient product to coat seed
- Ornamental Bulbs and Ornamental Vegetative Cuttings Dip and shake off excess

Frequency of Application: Once at planting time.

DO NOT USE EXCESS TREATED SEED, ORNAMENTAL BULBS OR ORNAMENTAL VEGETATIVE CUTTINGS FOR FOOD, FEED OR OIL PURPOSES.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

Field Storage: BLUE CIRCLE should be stored in the original sealed bags until used. Bags should be kept in a dry place at a temperature between 10°F-75°F. This product contains live bacteria. AVOID heat, sun and drying.

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

Container Disposal: Empty bag completely into application equipment. Then, dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, keep out of smoke.

WARRANTIES AND LIMITATIONS: The manufacturer guarantees that the contents and total amount are as stated within labeled limits. Due to conditions beyond the control of Stone Microbial Products, such as the laws, prices and rates of application, weather conditions, dispensing equipment, storage facilities, etc., this warranty shall be limited to refund of purchase price or replacement product. Such is expressly agreed to by the Buyer at the exhibitor's sole remedy. In no event shall Stone Microbial Products be liable for indirect or consequential damages. The manufacturer warrants that this product conforms to the specified ingredients listed on the label and is responsibly fit for the purpose stated when used in accordance with the directions under normal conditions of use. No one other than an officer of Stone Microbial Products is authorized to make any other warranty or guarantee regarding this product.

Manufactured for:
Stone Microbial Products
2225 Laredo Trail
Adel, IA 50003

BLUE CIRCLE® is a registered trademark of Stone Microbial Products
NET WEIGHT: 1 LB. (0.453 kgs.)