



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

EPA Reg. Number:

92983-2

Date of Issuance:

7/15/2019

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Sunergist® EBR

Name and Address of Registrant (include ZIP Code):

Suntton International Inc.
 901 H Street, Suite 610
 Sacramento, CA 95814

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 (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). 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.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

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

Date:

7/15/2019

3. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 92983-2."
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

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 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. 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 06/30/2017

Any CSFs other than those listed above are superseded.

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

Sincerely,



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

Enclosure

ACCEPTED

07/15/2019

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 92983-2

Sunergist® EBR

Plant elicitor & yield enhancer

ACTIVE INGREDIENT	By wt.
24-Epibrassinolide.....	0.01%
OTHER INGREDIENTS	<u>99.99%</u>
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

First Aid	
If on skin:	<ul style="list-style-type: none"> • Take of contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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.
Hot Line Number	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the poison control center at 1-800-222-1222.</p>	

EPA Reg. No. 92983-E
EPA Est. No. XXXXX-XXX-X
(Batch)(Lot) No.

Manufactured for:
Sunnton International Inc.
901 H Street, Suite 610
Sacramento, CA 95814

Net Contents:

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves

USER SAFETY RECOMMENDATION

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all direction on the EPA approved label and any supplemental labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handler may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal 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 the label about personal protective equipment, restricted-entry interval, and notification to workers.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

For early entry into 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, wear:

- Coveralls
- Shoes plus socks
- Waterproof gloves

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box only apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or greenhouse.

Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

GENERAL INFORMATION

SUNERGIST® EBR is a special formulated product that contains 24-Epibrassinolide plant growth regulator (PGR) found in nature that stimulates seeding and plant growth and improves root development.

SUNERGIST® EBR improves the physiological and biochemical processes involved in crop growth and development.

- Synergistically acts with other endogenous PGRs
- Promotes cell division and cell elongation
- Promotes seed germination & seedling growth.
- Enhances the plant tolerance to adverse environmental stress (saline, drought, low & elevated temperature)
- Enhances the plant tolerance to adverse biotic stress (Fungi and virus diseases)
- Improvement of photosynthesis and translocation of assimilates
- Better pollination and fruit set and yield increase
- Even and early bud break on certain crops
- Enhances quality of produce

AGRICULTURAL USES

SPRAY VOLUME (IN GALLONS) PER ACRE

Crop	Ground		Aerial
	Dilute	Concentrate	
Vegetables, Field Crops	15	15	5
Small fruits, vines, Miscellaneous	100	25	15
Pome Fruits, Stone Fruits Tree/nut crops /nuts &Crops	200	50	20
Citrus	300	100	20

Spray volume applied per acre will differ depending upon the stage of plant growth, equipment used, and the specific crops. Apply sufficient water volume to ensure thorough coverage on entire plants.

Do not apply this product through any type of irrigation system.

Compatibility: **SUNERGIST® EBR** compatibility with other agricultural products requires testing for crop safety and performance prior to large-scale use. Products mixed with **SUNERGIST® EBR** must **not** be in alkaline (pH >7) solution. **SUNERGIST® EBR** can be mixed with any product having a pH less than 7. If rain occurs within 2 hours after initial application, a repeat application may be necessary.

Spray Adjuvant: Use commercially registered **Non-Ionic** surfactant and penetrant adjuvant at a label rate approved for use on respective crops for all applications of **SUNERGIST® EBR**.

FOLIAR APPLICATION INSTRUCTIONS

Crop	Amount of product in Fl. Oz./10 gals water	Application timing	Remarks
Brassica Head and Stem Vegetables (Crop Group 5-16,) such as: Broccoli, Cauliflower, Cabbage, and Mustard Greens_	0.6-1.2	1 st . Spray at 3-5 leaf stage or immediately after transplanting / transplant water mixing. 2 nd Spray at early head forming /rosette stage	
Oilseeds (Crop Group 21), Such as: Canola, Sunflower, Rapeseed	0.6-1.2	1 st . Seedling stage 2 nd . 50% blooming stage	
Cereal Grains (Crop Group 15), such as:			
Corn(Sweet, field and Popcorn),	0.6-1.2.	1 st . Spray at V2-V3 2 nd V10-11 stage- Trumplt stage-	Reduce bare tips on corn
Wheat, Rice, Sorghum, Barley, Rye.	0.6-1.2	1 st . Tiller stage 2 nd Flag stage 3 rd . Anthesis for tolerance on heat, cold and low light stresses	Application on anthesis enhances yield.
Cotton	0.6-1.2	1 st . At 4-6 true leaf stage 2 nd . 80% blooming 3 rd . 3-4 days after petal fall to prevent boll shedding	For cold tolerance on needed bases
Cucurbit Vegetables (Crop Group 9), such as: Cucumber, Muskmelon, Cantaloupe, Summer Squash, Watermelon and Honeydew_____	0.6-1.2	1 st . At initial blooming stage 2 nd -4 th 3-4 times at 7 days interval	
Fruiting vegetables (Crop Group 8-10), such as: Eggplants, Peppers and Tomato.	0.6-1.2	1 st . 5-7days after first flower 2 nd . 10-14 days after first 3 rd . 10-14 days after 2 nd application	Spray 2-3 days prior to anticipated heat stress
Leafy Vegetables (Crop Group 4-16), such as: Celery, Head lettuce, Leaf lettuce, Spinach, Mustard greens	0.6-1.2	1 st . Early seedling stage 2 nd . 10-14 day after 1 st spray 3 rd . 10-14 days after 2 nd spray	

<p>Legume Vegetables (Crop Group 6) (Succulent or dry), such as: Peas, Soybean</p> <hr/> <p>Peanut</p> <hr/> <p>Tuber Vegetables (Crop Group 1), such as: Potato and Yam.</p> <hr/>	<p>0.6-1.2</p> <p>0.6-1.2</p> <p>0.6-1.2</p>	<p>1st. Early seedling stage 2nd. Full bloom -early pad stage 3rd. 10-14 days after 2nd spray</p> <p>1st. 15 days after 1st flower 2nd. 14 days after 1st spray 3rd. 14 days after 2nd spray</p> <p>1st. 6-8 leaf stage 2nd. 12-16 leaf stage for small tuber varieties 2nd. Tuber formation stage for large tuber varieties</p>	<p>Better pegging</p>
<p>Citrus fruits(Crop Group 10-10), such as: Sweet orange, Lemon and Grapefruit</p> <hr/> <hr/> <p>Berries and small fruit; Such as:</p> <p>Blue berry</p> <p>Grape</p> <hr/> <p>Tree nuts. Such as; Almond</p> <hr/> <p>Bulb Vegetables (Crop Group 3-07). Such as: Garlic and onion</p>	<p>6.0-12.0 fl.oz in 100 gals of water</p> <p>0.6-1.2</p> <p>0.6-1.2</p> <p>6.0-12.0/100 gals of water</p> <p>0.6-1.2</p>	<p>1st. 5-10 days after first flower 2nd. Apply when fruit size is 5 mm</p> <p>1st. Bud break spray* 2nd. 50-80% flowering stage 3rd. Small fruit stage</p> <p>Table grape: 1st. Thinning spray 2nd Small fruit sizing spray Wine grape: 1st. 50-80 % flowering stage 2nd Early small fruit stage(2-5 mm)</p> <p>1st Application 50-80% blooming 2nd. Small nut stage</p> <p>1st. early seedling stage 2nd. Bulb forming stage</p>	<p>To increase doubles Additional sprays may be needed.</p> <p>Additional spray 2-3 days before forecasted heat stress</p> <p>Spray (use high rate) 40 day before anticipated bud break for uniform bud break*</p> <p>Improve pollination & net set and quality</p>

*Bud break patent pending.

DRENCH APPLICATION OF SUNERGIST EBR ON CROPS

Crop	Amount of SUNERGIST® EBR (fl. oz.)	Application Timing
Brassica Vegetables such as broccoli, cauliflower and cabbage.	0.6 fl. oz. per 10 gallons water	1 st treatment at time of transplant. 2 nd treatment 10-14 days after first application. Spray immediately after transplanting.

IN-FURROW APPLICATION OF SUNERGIST EBR ON CROPS

Crop	Amount of SUNERGIST® EBR (fl. oz.)	Application Timing
Field Corn Grain Sorghum Wheat, Barley, Oats, Rye Other in-furrow at planting crops	1.2 -1.8 fl. oz. per acre Or 0.6 fl. oz. per 10 gallons water	Apply at planting in the seed furrow or 2 inches beside and 2 inches below seed or with a strip till machine 3 inches below the seed. Can be applied with or without starter fertilizer.

SEED TREATMENT

Apply **SUNERGIST® EBR** as a seed treatment at the rate of 1.0-1.5 fl. Oz per 100 lbs of seed. Sunergist EBR may be applied as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment or grower's hopper box. This slurry (totaling 6 fluid ounces) may be composed of water or in combination with EPA registered broad spectrum seed treatment fungicide/Insecticide or plant nutritional products.

All seed treated with this product must be colored with an EPA-approved dye or colorant that impart an unnatural color to the seed to help prevent the inadvertent use for treated seeds for food, feed or oil purposes

TURF

For Sod Grass: Apply **SUNERGIST® EBR** by commercial ground sprayer using 20-40 gallons of water per acre. Use 1.2 fl. oz. per 10 gallons of water at a 1:2,000 dilution rate.

For Turfgrass: Warm and cool climate grasses such as St. Augustine, Bermuda, Centipede, bluegrass, Rye, and Fescue: Use 0.12-0.60 fl. oz./1-5 gallons of water per 1,000 sq. ft. For Dichondra: Use 0.6-1.2 fl. oz./1-5 gallons of water per 1,000 sq. ft.

Make application at 2-week intervals for a total of 5 applications during the growing season.

ORNAMENTALS

For greenhouse and nursery ornamentals such as foliage plants, bedding and flowering plants, woody ornamentals, garden grown fruit trees, and garden grown food crops, follow the use directions in the table below:

For Plants Less Than 2 Years Old	For Plants Greater Than 2 Years Old
Dilute 0.6 fl. oz. of SUNERGIST® EBR in 10 gallons of water (1:2000 dilution rate). Apply by using a commercial greenhouse/nursery hand sprayer. Repeat application at 10- to 14-day intervals when required. Apply 1-2 weeks prior to sale. Uniform and thorough coverage is necessary.	Dilute 1.2 fl. oz. of SUNERGIST® EBR in 10 gallons of water (1:1,000 dilution rate) Apply by using a commercial greenhouse/nursery hand sprayer. Repeat application at 10- to 14-day intervals when required. Apply 1-2 weeks prior to sale. Uniform and thorough coverage is necessary.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a cool, dry locked place out of the reach of children and out of direct sunlight.

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: Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/43 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for alter use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

NOTICE: **Suntton International Inc.** warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use. Buyer assumes all risks of use and handling which is a variance in any way with the directions herein. **Suntton International Inc.** makes no other express or implied warranty of fitness or merchantability. In no case shall **Suntton International Inc.** or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SUNTTON INTERNATIONAL INC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF

THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SUNTTON INTERNATIONAL INC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Suntton International Inc., and Seller offer this product and the Buyer and user accept it, subject to the foregoing Limited Warranty and Disclaimer which may be varied only by agreement in writing signed by a duly authorized representative of Suntton International, Inc.