



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:

91209-4

Date of Issuance:

6/24/2016

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

OXY 2

Name and Address of Registrant (include ZIP Code):

BlueTech Laboratories, Inc.
 1521 Concord Pike, Suite 301
 Wilmington, DE 19803

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:

6/24/2016

3. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 91209-4."
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 08/12/2015

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Menyon Adams of my team by phone at (703) 347-8496 or via email at adams.menyon@epa.gov.

Sincerely,



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

Enclosure

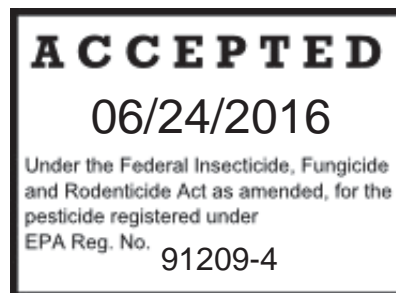
Oxy 2™

Slimeacide, Algaecide, Preservative

FOR COMMERCIAL USE ONLY

Active Ingredients:

Hydrogen Peroxide:	28%
Peracetic acid:	2.8%
Inert Ingredients:	69.2%
Total:	100%



EPA Registration No. xxxxxxxxxxxxxx

EPA Establishment No. xxxxxxxxxxxxxx

KEEP OUT OF REACH OF CHILDREN

DANGER – PELIGRO

STRONG OXIDIZING AGENT

(Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID:

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.

If swallowed...

- Call 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 the poison control center.
- 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, give them artificial respiration, preferably mouth to mouth if possible.
- Call 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. You may also contact 1-800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

Sold by:

BlueTech Laboratories, Inc.
1521 Concord Pike, Suite 301
Wilmington, DE 19803

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive: Causes irreversible eye damage and skin burns. Fatal if inhaled or absorbed through skin. Harmful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, and rubber gloves when handling. Do not enter an enclosed area without proper respiratory protection. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PHYSICAL AND CHEMICAL HAZARDS

Corrosive: Strong oxidizing agent. Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

ENVIRONMENTAL HAZARDS

For terrestrial uses. This product is highly toxic to bees and other beneficial insects exposed to direct contact on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not apply this product or allow it to drift to crops where beneficial are part of an Integrated Pest Management strategy.

This pesticide is toxic to fish. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. Consult with the State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is needed.

This pesticide is toxic to birds who eat treated seeds exposed on soil surface.

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

Do not contaminate water when disposing of equipment washwaters or rinsate.

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), notification to workers, and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

Handlers who may be exposed to the undiluted product through mixing, loading, application, or other tasks must wear: coverall over long-sleeved shirt and long pants, rubber gloves, chemical resistant footwear plus socks, and protective eye-wear. Handlers who may be exposed to the dilute through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks.

For enclosed environments:

There is a restricted entry of forty-eight (48) hours for this product when applied via fogging or spraying to growing plants, surfaces, equipment, structures and non-porous surfaces in enclosed environments such as glasshouses and greenhouses. 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 coveralls worn over long-sleeved shirt and pants, waterproof gloves, and shoes plus socks.

There is a restricted entry of forty-eight (48) hours for pre-plant dip, seed treatment, soil drench, mop, sponge, dip, soak, rinse, and other non-spraying or fogging application methods when used in enclosed environments such as glasshouses and greenhouses.

For field applications:

Keep unprotected persons out of treated areas until sprays have dried.

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 state or tribal agency responsible for pesticide regulation.

Oxy 2 works best when diluted with water containing minimal levels of organic or inorganic materials, and with water having a neutral pH. Thoroughly rinse out tank with water before mixing concentrate. This product will readily mix with clean, neutral water and does not require agitation

Oxy 2 concentrate should not be combined or mixed with any other pesticide concentrates.

USE RATES AND DIRECTIONS:

Pre-Plant Dip Treatment: Use Oxy 2 for the control of damping-off, root disease and stem rot disease caused by *Pythium*, *Phytophthora*, *Rhizoctonia*, *Fusarium* or *Thielaviopsis*, on seeds, seedlings, bulbs, or cuttings. Remove dead or dying foliage prior to dipping.

1. Use a dilution of 1:100 or 64-fl. oz. Oxy 2 per 50 gallons of water.
2. Immerse plants or cuttings; remove and allow to drain. Do not rinse.
3. Excessive foaming or bubbling during the dipping process is an indication of high levels of disease contamination.

Seed Treatment: Use Oxy 2 for the control of damping-off, root disease and stem rot disease caused by *Pythium*, *Phytophthora*, *Rhizoctonia*, *Fusarium* or *Thielaviopsis*, on seeds of seed sprout crops such as mung bean, red clover, soybeans and alfalfa, and on crops grown exclusively for seed for planting.

1. Use a dilution of 1:100 or 64-fl. oz. Oxy 2 per 50 gallons of water.
2. Immerse seeds and let soak for two minutes; remove and allow to drain. Do not rinse. Plant seed according to seed package directions.

Bean Sprout Production: Use Oxy 2 to prevent bacteria and rotting in bean sprout production process and packing lines. Treat tank and spray system water with a dilution of 1.28 fl. oz. of Oxy 2 for every 10 gallons of water or use a dilution rate of 1:1,000.

FIELD AND GREENHOUSE APPLICATIONS:

Use Oxy 2 to treat plant diseases on field grown crops, tree crops, crops grown in commercial greenhouses through soil drench, irrigation and foliar applications. For specific foliar applications refer to Application Instructions chart.

Soil Drench: Oxy 2 is effective for the control of soil borne plant diseases such as *Pythium*, *Phytophthora*, *Rhizoctonia*, *Thielaviopsis* or *Fusarium*. Use as a soil drench at the time of seeding or transplanting, as well as a periodic drench throughout the plant's life. Use Oxy 2 on potting soil and growing mediums prior to planting.

1. Use a dilution of 1:200 or 32-fl. oz. Oxy 2 per 50 gallons of water.
2. Apply to soil or growing media to the point of saturation.
3. Wait fifteen minutes before planting or watering.
4. Apply every five to seven days as a preventative treatment.

To Treat Setting Water: Add Oxy 2 to transplant water or starter fertilizer and make in-furrow or dibble application at the time of plant set.

1. Use ½ to 1 gallon Oxy 2 per treated acre in 50–200 gallons of water.
2. Add Oxy 2 to transplant water or starter fertilizer and make in furrow or dibble applications just prior to seed drop or plant set.
3. In fields with a history of disease pressure, use the high rate.

Surface or Banded Application:

1. Use 1/3 to 1 gallon of Oxy 2 per 100 gallons of water.
2. Apply Oxy 2 as a foliar spray with sufficient water to achieve runoff to soil.
3. Repeat applications every 7 days through infectious season.
4. Typical applications use 30 to 100 gallons of spray solution per acre.
5. During periods of wet, cloudy or rainy weather, use stronger rates and volumes and reduce spray intervals.

To Apply Through Irrigation Systems

1. Use ½ to 1 gallon of Oxy 2 per treated acre in 500 to 1,000 gallons of water.
2. Apply through drip trickle, center pivot, lateral move, end tow, side wheel roll, traveler, solid set, and hand move or flood basin irrigation systems. Refer to Chemigation Directions for Use for specific instructions on using this product through irrigation systems.

Foliar Spray Treatments For Field Grown Crops, Crops Grown In Greenhouses: Oxy 2 works immediately on contact with any plant surface for control of plant diseases – see Application Instructions chart. Good coverage and wetting of the foliage is required. Do not spray Oxy 2 during conditions of intense heat, drought or poor plant vigor.

Curative Application Rates:

1. For best results, apply at first sign of disease. Spray diseased plants using 1:100 dilution rate, or 128 fl. oz. of Oxy 2 per 100 gallons of water. Apply consecutive applications until control is achieved and then follow directions for preventative treatment.
2. Apply 30-100 gallons of spray solution per treated acre.

Preventative Application Rates:

1. Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals.
2. Reduce rate to 1:400, or 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of the third treatment and maintain 5-day interval spray cycle until harvest.
3. Apply 30-100 gallons of spray solution per treated acre.

Aerial Spray Treatments For Field- Grown Crops And Tree Crops

Spray Drift Management- Avoiding spray drift is the responsibility of the applicator.

- Do not apply when wind conditions favor drift away from the intended area for treatment. Many factors including droplet size, equipment type and weather related factors determine the potential for spray drift.
- To ensure optimum product performance, use at the foliar application rate indicated in sufficient water for adequate coverage of plant foliage. Do not make applications at a height greater than 10 ft. above the plant canopy, unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to wind and evaporation. Do not exceed the maximum application rate or apply more often than labeled in the Application Instructions for that crop.

Foliar Application Instructions
Crops and Diseases (Alphabetically by Crop Grouping)

For Heavy Pathogen Presence When Curative or Remediation is Required:

Spray diseased plants using 128 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre. Apply consecutive applications until control is achieved and then follow directions for preventative treatment.

Crop	Disease	Dilution Rate	Application Rate	Directions
Alfalfa	Cerospora Leaf Spot	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	For preventive sprays, spray on a 7-14 day schedule. Use higher rates for increased disease severity or when conditions are favorable for disease.

Asparagus	Phytophthora	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Avocado	Anthracnose Blotch	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Pre-Bloom: Apply when bloom buds swell and continue on a five to seven day schedule through bloom. Preventive: Begin applications before disease appear. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate at 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Bananas Plantain	Sigatoka	1:400	32 -128 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Blackberry Blueberry Raspberry	Alter aria Angular Leaf Spot Botrytis Crown Rot Downy Mildew Mummy Berry Leaf Blight Powdery	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Garlic Green Onion Leeks Onions Scallions Shallots	Botrytis Downy Mildew Powdery Mildew	1:400	32 fl.oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.

Barley Corn Millet Oats Popcorn Rice Rye Sorghum Soybeans Sweet Corn Wheat Wild Rice	Anthracnose Bacterial Blight Bacterial Leal Blight Blast Brown Leal Spot Common Rust Common Smut Downey Mildew Head Smut Leal Smut Sheath Blight Sorghum Downey Mildew Southern Blight Stem Canker Stem Rot	1:400	32 fl.oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water alter the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Citrus Crops Citrus Hybrids Grapefruit Kumquat Lemon Limes Orange Tangerine	Alter aria Anthracnose Brown Rot Phytophthora Powdery Mildew Rust Scab Citrus Canker	1:400 1:600	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water alter the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Coffee	Coffee Berry Disease Bacterial Blight Leal Rust	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	For preventive sprays, spray on a 7-14 day schedule. Use higher rates for increased disease severity or when conditions are favorable for disease.
Broccoli Brussel Sprouts Cabbage Cauliflower Collards Kale	Alter aria Leaf Spot Downy Mildew Early Blight Late Blight Powdery Mildew	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventive: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water alter the completion of third treatment and maintain 5-day interval spray cycle until harvest.

Cranberries	Alternaria Anthracnose Belly Rot Downy Mildew Fusarium Wilt Gummy Stem Blight Leaf Spot Phytophthora Powdery Mildew Pythium Rot Rhizoctonia Root Rots	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventative: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain a 5-day interval spray cycle until harvest.
Cucurbit Crops Cucumber Melons Pumpkin Squash	Alternaria Anthracnose Belly Rot Downy Mildew Fusarium Wilt Gummy Stem Blight Leaf Spot Phytophthora Powdery Mildew Pythium Rot Rhizoctonia Root Rots		<i>See Cucurbit Application Instructions.</i>	<i>See Cucurbit Application Instructions.</i>
Fruiting Vegetables Eggplant Peppers Tomatoes Tomatillos	Anthracnose Early Blight Late blight Bacterial Wilt Bacterial Leaf Spot Bacterial Speck Gray Mold(Botrytis) Cladosporium Mold Powdery Mildew Fusarium Pythium Rhizoctonia		<i>See Fruiting Vegetable Application Instructions.</i>	<i>See Fruiting Vegetable Application Instructions.</i>
Grapes	Black Rot Botrytis Downy Mildew Powdery Mildew Sour Rot	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 3-100 gallons of spray solution per acre.	Preventative: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain a 5-day interval spray cycle until harvest.
Leafy Vegetable Arugula Celery Chickory Root Endive Fennel Lettuce Spinach Rhubarb Redicchio Swiss Chard	Brown Rot Botrytis Downy Mildew Early Blight Late Blight Phytophthora Powdery Mildew Rust	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventative: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain a 5-day interval spray cycle until harvest.

Legumes Chick Peas Dry Beans Lima Beans Peas Snap Beans	Anthracnose Botrytis Downy Mildew Early & Late Blight Fusarium Phytophthora Powdery mildew Phythium Rhizoctonia Sclerotinia Rust White Mold		<i>See Legumes Application Instructions.</i>	<i>See Legumes Application Instructions.</i>
Mushrooms	Bacterial Blotch Mycogene Necrotic Spot Trichoderma Verticillium Spot	1:400	32 fl. oz. of Oxy 2 per gallon of water; apply 6 gallons of solution per 1000 sq. ft.	Preventative: Spray mushrooms using 32 fl oz. of Oxy 2 per gallon of water on five to seven day intervals. Begin at pinning stage and continue through harvest.
Papaya	Anthracnose Phytophthora	1:100	128 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Pre-Bloom: Begin applications at ¼- ½ inch green tip and continue on a five to seven day schedule through bloom. Curative: Apply Consecutive applications until control is achieved and them follow preventative directions.
Peanuts	Early blight Late Blight Rust Leaf Spot	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventative: Begin when plants are small. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
Pome Fruit Apples Pears Loquats Mayhaws Quince	Fire Blight Powdery Mildew Rusts Scab	1:400	32 fl. oz. Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventative: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval cycle until harvest.
Root & tuber Vegetables Artichokes Beets Carrots Ginseng Horseradish	Alternaria Bacterial Leaf Spot Crown Rot Early Blight Late Blight Leaf Blight Leaf Spot	1:400	32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Preventative: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of

Parsnip Potatoes Radish Rutabaga Sugar Beets Sweet Potatoes Taro Turnips Yams	Powdery mildew Phizoctonia Potato Brown Rot			water after the completion of third treatment and maintain 5-day interval pray cycle until harvest.
Stone Fruit Apricots Cherries Nectarines Peaches Plums Prunes	Brown Rot Downey Mildew Powdery Mildew Bacterial Canker	1:100 1:400	128 fl. oz. Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre. 32 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Pre-Bloom: Begin applications at ¼ - ½ inch green tip and continue on a five to seven day schedule through bloom. Preventative: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval pray cycle until harvest.
Strawberries	Alternaria Angular Leaf Spot Botrytis Crown Rot Downey mildew Fruit Rot Leaf Blight Powdery Mildew		<i>See Strawberry Application Instructions</i>	<i>See Strawberry Application Instructions</i>
Tree Nuts Almonds Brazil Nuts Cashews Filberts Macadamias Pecans Pistachios Walnuts	Almond Leaf Scorch Alternaria Anthracnose Brown Rot Bacterial Blight Bacterial Canker E. Filbert Blight Jacket Rot	1:100 1:400	128 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre. 32 fl. oz. Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	Pre-Bloom: Begin applications at ¼ - ½ inch green tip and continue on a five to seven day schedule through bloom. Preventative: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain 5-day interval spray cycle until harvest.

Tropical Fruit Casaba Coconut Dates Guava Passion Fruit Poi Star Fruit	Alternaria Anthracnose Leaf Blight Powdery Mildew Rhizoctonia Sooty Mold Stem Rot	1:100	128 fl. oz. of Oxy 2 per 100 gallons of water; apply 30-100 gallons of spray solution per treated acre.	<p>Pre-Bloom: Begin applications at ¼ - ½ inch green tip and continue on a five to seven day schedule through bloom.</p> <p>Preventative: Begin application before disease appears. Apply first three treatments using the curative rate at 5-day intervals. Reduce rate to 32 fl. oz. of Oxy 2 per 100 gallons of water after the completion of third treatment and maintain a 5-day interval spray cycle until harvest.</p>
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Cucurbit Application Instructions:

At Planting Application

For control of Belly Rot, Root Rots, Fusarium Wilt, Pythium, Phytophthora, and Rhizoctonia.

Rate	Application	Notes
½ to 1 gallon of Oxy 2 per treated acre in 50-200 gallons of water.	Make in-furrow applications just before seed is covered. Make band applications to soil surface after seed is covered.	In fields with a history of disease pressure, use higher rates.

Banded Application

For control of Belly Rot, Root Rots, Fusarium Wilt, Pythium, Phytophthora, and Rhizoctonia.

Rate for Spray Application	Application	Notes
1/3 to 1 gallon of Oxy 2 per 100 gallons of water.	Apply Oxy 2 as a foliar spray with sufficient water to achieve runoff to soil when vines begin to run. Repeat every seven days through infectious season.	<p>Typical application use 30-100 gallons of spray per acre. During periods of wet, cloudy or rainy weather, use stronger rates and volumes and reduce spray intervals.</p> <p>Before tank mixing Oxy 2 with other fertilizers, fungicides or bactericides, conduct a compatibility test for each combination. Excessive bubbling and/or pressure are an indication of incompatibility.</p>

Irrigation Application Rate	Application	Notes
½ to 1 gallon of Oxy 2 per treated acre in 500-1,000 gallons of water.	Apply through drip trickle, center pivot, lateral move, end tow, side wheel roll, traveler, solid set, hand move or flood basin irrigation systems.	

Foliar Applications

For control of Alternaria, Anthracnose, Downy Mildew, Gummy Stem Blight, Leaf Spot, and Powdery Mildew.

Irrigation Application Rate	Application	Notes
32 fl. oz. – 1 gallon of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Begin applications of Oxy 2 prior to or in early stages of disease development and continue throughout the season. Spray at first appearance of when conditions are favorable for disease development. Repeat at 7-day intervals using sufficient water to obtain complete coverage.	Before tank mixing Oxy 2 with other fertilizers, fungicides or bactericides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling or pressure are an indicator of incompatibility. Do not spray Oxy 2 during conditions of intense heat, drought, or poor vine canopy.

Irrigation Application Rate	Application	Notes
½ to 1 gallon of Oxy 2 per treated acre in 500-1,000 gallons of water.	Apply through, center pivot, lateral move, end tow, side wheel roll, traveler, solid set, or hand move or flood basin irrigation systems.	Before tank mixing Oxy 2 with other fertilizers, fungicides or bactericides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling or pressure are an indicator of incompatibility. Do not spray Oxy 2 during conditions of intense heat, drought, or poor vine canopy.

Fruiting Vegetable Application Instructions:

Seed Treatment

Surface seed treatment to reduce disease causing fungi and bacterial pathogens on or in seeds.

Irrigation Application Rate	Application	Notes
1:100 or 1 gallon of Oxy 2 to 100 gallons of water.	If the seed company has not treated seed, immerse seed in the Oxy 2 solution for one minute, remove seed and allow to drain.	Rinsing of the seed after application is not required.

Seedling Production Treatment

For control of seedling diseases (pre and post emergence damping off) caused by fungi; Pythium, Phytophthora, Rhizoctonia, and Fusarium.

Rate of Seeding	Application	Notes
½ to 1 ¼ fl. oz. Oxy 2 per gallon of water.	Apply one application of Oxy 2 to the point of saturation.	Apply on newly seeded plug trays, seed flats or beds with the initial watering.

Rate for Post Emergence	Application	Notes
½ fl. oz. Oxy 2 per gallon of water.	Apply Oxy 2 at the 2 and 4 true leaf stage as a foliar spray with sufficient water to achieve complete coverage, or on to the soil directly via drip trickle, in furrow or flood basin.	Repeat at 7-day intervals.

At Planting Application

For prevention, suppression, and control of soil-borne diseases caused by Pythium, Phytophthora, Rhizoctonia, and Fusarium.

Rate	Application	Notes
½ to 1 gallon of Oxy 2 per treated acre in 50-200 gallons of water.	Add Oxy 2 to transplant water or starter fertilizer and make in-furrow or dibble applications just prior to plant set.	In fields with a history of disease pressure, use the high rate. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Foliar Application

For control of foliar diseases caused by bacteria and fungi that attack stems, leaves and fruit during crop growth: Anthracnose, Bacterial Speck and Spot, Botrytis, Early Blight, Late Blight, and Powdery Mildew.

Rate-Foliar Spray	Application	Notes
32 fl. oz. – 1 gallon of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Begin applications of Oxy 2 prior to or in the early stages of disease development and continue throughout the season. Spray at first appearance or when conditions are favorable for disease development. Repeat applications at 7-day intervals.	Under severe disease conditions and during periods of rainy weather, apply immediately following each rain. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination.

Irrigation Application Rate	Application	Notes
½ – 1 gallon of Oxy 2 per treated acre in 500 to 1,000 gallons of water.	Apply through center pivot, lateral move, end tow, side-wheel roll, traveler, solid set, or hand move irrigation systems.	Do not spray Oxy 2 during conditions of intense heat, drought or poor vine canopy.

Legumes Application Instructions:

At Planting Application

For control of early blight, late blight, phytophthera, pythium, Rhizoctonia, Fusarium, Root-rot, and Sclerotinia.

Rate	Application	Notes
½ – 1 gallon of Oxy 2 per treated acre in 50 to 200 gallons of water.	Add Oxy 2 to transplant water or starter fertilizer and make in-furrow or dibble applications just prior to plant set.	In fields with a history of disease pressure, use the high rate. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Surface Application

For control of early blight, late blight, phytophthera, pythium, rhizoctonia, fusarium, root-rot, and sclerotinia.

Rate – Foliar Spray	Application	Notes
1/3 – 1 gallon of Oxy 2 per 100 gallons of water.	Apply Oxy 2 as a foliar spray with sufficient water to achieve runoff to soil. Repeat applications every 7 days through infectious season.	Typical applications use 30 to 100 gallons of spray solution per acre. During periods of wet, cloudy or rainy weather, use stronger rates and volumes and reduce spray intervals. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Irrigation Application Rate	Application	Notes
½ – 1 gallon of Oxy 2 per treated acre in 500 to 1,000 gallons of water.	Apply through center pivot, lateral move, end tow, side-wheel roll, traveler, solid set, or hand move irrigation systems.	

Foliar Applications

For control of Anthracnose, Bacterial Blights, Botrytis, Powdery Mildew, Rhizoctonia, Rust, and White Mold.

Rate – Foliar Spray	Application	Notes
32 fl. oz. – 1 gallon of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Begin applications of Oxy 2 prior to or in the early stages of disease development and continue throughout the season. Spray at first appearance or when conditions are favorable for disease development. Repeat applications at 7-day intervals.	Under severe disease conditions and during periods of rainy weather, apply immediately following each rain. Use sufficient water to obtain complete coverage. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Irrigation Application Rate	Application	Notes
½ – 1 gallon of Oxy 2 per treated acre in 500 to 1,000 gallons of water.	Apply through center pivot, lateral move, end tow, side-wheel roll, traveler, solid set, or hand move irrigation systems.	Do not spray Oxy 2 during conditions of intense heat, drought, or poor vine canopy.

Strawberry Application Instructions:

Pre-Plant Dip or Spray Application

For control of Botrytis, Crown Rot, and Powdery Mildew.

Rate	Application	Notes
64. fl. oz. of Oxy 2 per 100 gallons of water.	Thoroughly wet transplants by dipping or spraying prior to planting.	Excessive foaming or bubbling during the dipping process is an indication of high levels of disease contamination. Remove dead or dying foliage prior to dipping. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Setting Water Application

For control of Botrytis.

Rate	Application	Notes
½ to 1 gallon of Oxy 2 in 50-200 gallons of water per treated acre.	Add Oxy 2 to transplant water or starter fertilizer and make in-furrow or dibble application at the time of plant set.	Oxy 2 is chemically compatible with most water-soluble fertilizers. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

At-Planting Foliar Application

For control of Powdery Mildew, Leaf Blight, Angular Leaf Spot, Crown Rot, and Botrytis.

Rate	Application	Notes
32 fl. oz. to 1 gallon of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Immediately following planting, apply Oxy 2 as a foliar spray with sufficient water to achieve runoff to soil or plastic, or to the soil directly via drip trickle, in furrow or flood basin.	Typical applications use 30 to 100 gallons of spray solution per treated acre. In fields with a history of disease pressure, use the high rate. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Existing Planting – Foliar and Crown Disease Control

For control of Powdery Mildew, Leaf Blight, Angular Leaf Spot, Crown Rot and Botrytis.

Rate – Foliar Spray	Application	Notes
32 fl. oz. – 1 gallon of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Begin applications of Oxy 2 prior to or in the early stages of disease development and continue throughout the season. Spray at first appearance or when conditions are favorable for disease development. Repeat applications at 7-day intervals.	Typical applications use 30 to 100 gallons of spray solution per treated acre. Use sufficient water to obtain complete coverage. May be applied up to and including the day of harvest. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

Botrytis Control on Existing Plantings

Rate – Foliar Spray	Application	Notes
40 – 128 fl.oz. of Oxy 2 per 100 gallons of water. Complete coverage is essential.	Apply Oxy 2 at the first growth flush. Repeat applications at 10% bloom, full bloom, and at late or extended bloom. Use additional sprays in late winter just after plant bed cleaning.	Typical applications use 30 to 100 gallons of spray solution per treated acre. Use sufficient water to obtain complete coverage. May be applied up to and including the day of harvest. Before tank mixing Oxy 2 with other fertilizers, fungicides or bacteriacides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are an indication of incompatibility.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE:

Store in original containers in a cool, well-ventilated area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, Flood area with large quantities of water. Do not store in a manner where cross contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL (Containers equal to or less than 5 gallons):

Non refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining content into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

CONTAINER DISPOSAL (Containers greater than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining content into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling bioavailable or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY:

NOTICE: Read the entire Directions for Use and Conditions of Sale and limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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BlueTech Laboratories, Inc.
1521 Concord Pike, Suite 301
Wilmington, DE 19803