



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:

64137-27

Date of Issuance:

10/05/2022

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

JET GRANULAR 527

Name and Address of Registrant (include ZIP Code):

Danstar Ferment AG/LALLEMAND PLANT CARE
Postrstrasse 30
CH-6300 Zug, Switzerland

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 EPA.

Signature of Approving Official:

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

Date:

10/05/2022

3. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 64137-27”
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 07/08/2022

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Susannah Powell of my team via email at powell.susannah@epa.gov.

Sincerely,



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

Jet Granular 527

[Alternate Brand Names: Tetracide WP, Merritt WP]

A Bactericide, Fungicide, and Algacide

Active Ingredients:

Sodium Percarbonate32.53%

Tetraacetylenediamine28.02%

Other Ingredients:39.45%

Total:100.0%

ACCEPTED

Oct 05, 2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 64137-27

When activated in the presence of water, this product will generate hydrogen peroxide and peroxyacetic acid.

KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

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

| FIRST AID | |
|--|---|
| If in eyes | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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 a poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| 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 poison control center or doctor for treatment advice. |
| HOTLINE NUMBER 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. | |

See (back) (side) (booklet) panel for additional precautionary statements and directions for use.

EPA Reg. No.: (pending as File Symbol 64137-ET)

EPA Est. No.: XXXX

Net Weight: XXXX

(Batch)(Lot) No.: XXXX

Manufactured for:

Danstar Ferment AG / LALLEMAND PLANT CARE
Poststrasse 30
Zug CH-6300 Switzerland

Marketing Company:

Jet Harvest LLC
P.O. Box 915139
Longwood, FL 32791
United States



LALLEMAND PLANT CARE

Jet Granular 527 (pending as File Symbol 64137-ET)

MASTER LABEL – October 4, 2022

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS – DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wear protective eyewear, protective clothing and gloves. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and handlers must wear: • coveralls over long-sleeved shirt, long pants • chemical resistant footwear plus socks • chemical resistant gloves • protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing 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 highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS: Corrosive. Strong oxidizing agent. Do not bring in contact with other cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

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 intervals (REI). The requirements in this box 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.

Do not enter or allow workers to enter the treated greenhouse or enclosed space until the ventilation requirements in 40 CFR 170.405(b)(3) have been met and the REI of 4 hours has expired. Until then, only handlers wearing the appropriate personal protective equipment can enter the greenhouse or enclosed space.

EXCEPTION: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas if there will be no contact with anything that has been treated.

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 or water, is coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

For enclosed environments: There is a restricted entry interval of zero (0) hours for this product when applied via fogging or spraying to growing plants or structures in enclosed environments such as glasshouses and greenhouses. PPE requirement 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 or water, is coveralls worn over long-sleeved shirt and pants, waterproof gloves and shoes plus socks.

There is a restricted entry interval of zero (0) hours for mop, sponge, dip, soak, rinse or other non-spraying or non-fogging application methods when used in enclosed environments such as glasshouses and greenhouses.

Non-Agricultural Use Requirements

The requirements in this box 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, forests, nurseries or greenhouses.

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

[This reference may appear anywhere on the label ^{**}Not for Use in California.]

Product Information

Jet Granular 527, when mixed with water, generates peroxyacetic acid (PAA), a contact bactericide and fungicide.

To prevent, suppress, or eliminate fungi, bacteria and algae – *Alternaria* – *Anthraco*se – *Aphanomyces* – Black Spot – *Botrytis*(grey mold) – Downy Mildew – *Erwinia- Fusarium* (root rot) – Leaf Spot – *Phytophthora* (blights, rots) – Fire Blight-Penicillium molds- *Plasmopara* – Powdery Mildew – *Pseudomonas* – *Pythium* – *Rhizoctonia* – Rust – Scab – Smut – *Thielaviopsis* – *Uncinula* (powdery mildew) – Wilts and Blights – Red, Blue Green, Black and Brown - Algae

Do not apply this product through any irrigation system unless directed by the label. Refer to Chemigation Directions for Use.

Compatibility

Jet Granular 527 has been formulated to provide a balanced source of the active ingredient directly to the plant surface and has been shown not to cause adverse cosmetic effects on most plants. However, not all plant species have been tested; therefore, the user should always test Jet Granular 527 on a few plants before treating large numbers of plants.

Phytotoxicity Test Procedure:

1. Select healthy typical plants of each cultivar or type on which the pesticide will be used.
2. Read the pesticide label to determine the application site (roots or leaves), the rate of application (amount per gallon/liter), and the interval of application (number of days between applications).
3. Use clean spray equipment and perform the test during the time of day when most of your pesticide applications will occur.
4. Have one control set of plants which are sprayed with water only. Control plants must be sprayed under the same conditions as pesticide-sprayed plants.
5. Wait for signs of phytotoxicity before determining that a pesticide is safe. Phytotoxic effects can range from slight burning or browning of leaves to death of the plant. Sometimes the damage appears as distorted leaves, fruit, flowers or stems.

Solution Preparation

Jet Granular 527 works best when mixed with clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation. Before mixing with other materials, test Jet Granular 527 for compatibility. Once mixed, pH adjusters can be used. Jet Granular 527 can be used with anionic and nonionic surfactants. Apply to plants with waxy or hairy surfaces.

Jar Test Procedure:

1. Determine the appropriate volume or weight of each product to be jar tested in the correct ratio that will be used in the proposed tank mix.
2. Add the products you wish to test by formulation type and in the calculated amounts for the jar test. Add

first the water, followed by wettable powders (WP), granules (G) including Jet Granular 527, flowables (F), emulsifiable concentrates (EC) and, finally, other liquids.

3. Close jar and shake vigorously to mix.
4. Observe jar immediately after agitation and again after 30 minutes.
5. If products in jar remain suspended (mixed) or are resuspended easily after 30 minutes (with minimal agitation), then the tank mix products are compatible and can be tested on plants.

Jet Granular 527, when mixed with water, generates peroxyacetic acid (PAA), a contact bactericide, fungicide and algacide.

| Dilution | PPM's of Peroxyacetic Acid (PAA) |
|------------------|----------------------------------|
| 1 oz in 10 gals | 87.5 |
| 2 oz in 10 gals | 159.9 |
| 5 oz in 10 gals | 350.0 |
| 10 oz in 10 gals | 680.5 |

Use Rates and Directions

For treatment of non-potable water systems (wash tank, dip tanks, drench tanks, evaporators, storage tanks and mix tanks): To suppress/control bacteria, fungi and algae, treat contaminated water with 2-4 oz. of Jet Granular 527 for every 100 gallons of water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out tank. Jet Granular 527 will readily mix with clean water and does not require agitation. Before mixing with other materials, test Jet Granular 527 for compatibility. Once mixed, pH adjusters can be used. Once all the water is in the mix tank, thoroughly mix solution for a minimum of 45 seconds. Apply as needed.

As a foliar spray treatment in greenhouses or hoop houses to ornamentals, cuttings, bedding plants, flowering plants, shrubs and trees: Jet Granular 527 begins working immediately on contact with any plant surface for control/suppression of plant pathogens. Apply Jet Granular 527 to ornamentals, cuttings, bedding plants, flowering plants, shrubs, and trees.

Initial Curative Application:

1. Use 1.0 to 2.5 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants in the early morning or late evening.
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
4. Treat plants for one to three consecutive days and then follow label directions for preventative treatment.

Weekly Preventative Treatment:

1. Use 0.25- 1.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants.
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.
4. Spray every five to seven days as a preventative treatment.
5. At the first sign of disease, spray daily with 1.0-2.5 oz of Jet Granular 527 per 10 gallons of water for three consecutive days and then resume weekly preventative treatment.

As a foliar spray treatment in the field for woody ornamentals, bedding plants, flowering plants, roses, container plants, azaleas, rhododendrons, conifers, and shade trees:

Jet Granular 527 begins working immediately on contact with any plant surface for the control/suppression of disease. Apply Jet Granular 527 to plants such as woody ornamentals, bedding plants, flowering plants, roses, container plants, azaleas, rhododendrons, conifers, and shade trees. Complete coverage and wetting of the foliage is necessary for optimum results.

Initial Curative Application:

1. Use 1.0 to 2.5 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants in the early morning or late evening. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
4. Treat plants for one to three consecutive days and then follow label directions for preventative treatment.

Weekly Preventative Treatment:

1. Use 0.25- 1.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.
4. Spray every five to seven days as a preventative treatment.
5. At the first sign of disease, spray daily with 1.0-2.5 oz of Jet Granular 527 per 10 gallons of water for three consecutive days and then resume weekly preventative treatment.

For cut flowers: Apply Jet Granular 527 as a post-harvest treatment to prevent *Botrytis* and Mildew on flowers in cold storage or in transit. Use 0.15-.5 oz of Jet Granular 527 per 5 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Dip or spray cut stems for 3 to 5 seconds or until dripping wet. Repeat as necessary for flowers in storage.

Soil Drench Treatments for plants in the greenhouse:

Jet Granular 527 is effective for the control of soil-borne plant diseases such as *Pythium*, *Phytophthora*, *Rhizoctonia* 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 Jet Granular 527 on potting soil and growing mediums prior to planting and propagation substrates.

- 1) Use a dilution of 0.25-1.0 oz. Jet Granular 527 per 10 gallons of water on potting soil and growing mediums prior to planting.
- 2) Use a rate of 0.25 oz. per 10 gallons of water when plants are present.
- 3) Apply to soil or growing media to the point of saturation.
- 4) Wait fifteen minutes before planting or watering.
- 5) Apply every five to seven days as a preventive treatment.

A fungicide, bactericide, algacide and yeast treatment for control or suppression on ornamental grasses, grasses grown for seed and sod production, flowering plants and deciduous shrubs:

Initial Curative Application:

1. Use 1.0 to 5.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants in the early morning or late evening. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
4. Treat plants for one to three consecutive days and then follow label directions for preventative treatment.

Weekly Preventative Treatment:

1. Use 0.25- 1.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.
2. Spray or mist plants. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**
3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.

4. Spray every five to seven days as a preventative treatment.
5. At the first sign of disease, spray daily with 1.0-2.5 oz of Jet Granular 527 per 10 gallons of water for three consecutive days and then resume weekly preventative treatment.

A fungicide, bactericide, algaecide and yeast treatment for control or suppression on early season strawberries and rice:

Apply only early in the season during bloom when no harvestable commodities are present. Spray plants at 10-30% bloom. Do not apply within 40-50 days of harvest. **Do not exceed 2 applications per year.**

1. Use 1.0 to 5.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.

2. Spray or mist plants in the early morning or late evening. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**

3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.

A fungicide, bactericide, algaecide and yeast treatment for control or suppression on seeds, plugs and transplants of fruiting vegetables and crucifers:

Do not apply after transplanting.

1. Use 1.0 to 5.0 oz. of Jet Granular 527 per 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation.

2. Spray or mist plants in the early morning or late evening. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for specific requirements and instructions.**

3. Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.

Turf Applications:

For fungicide treatment of Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustine grass, Poa annua, other common species of golf course grass and their mixtures on golf course fairways, greens and tees. Use Jet Granular 527 as a broad-spectrum treatment for the control of algae, fungi, and bacteria on turf. Can be used on all turf types including landscaping turf, lawns, athletic fields, synthetic and artificial turf and golf course fairways, greens and tees, sod, sod farms.

Use Jet Granular 527 to control *Anthraco*se, Brown Spot, Dollar Spot, Copper Spot, Fairy Ring, Pink Snow Mold, *Pythium*, *Phytophthora*, Summer Patch, *Rhizoctonia*, Scum, *Fusarium* Blight, Stripe Smut, Leaf Spot, Algae, Slime Molds and their spores.

Jet Granular 527 begins working on contact. For algaecide/bactericide/fungicide treatment, use Jet Granular 527 to control algae and bacterial diseases and the odors and the conditions these organisms may cause. Optimum treatment time is early morning or late afternoon. Applications can be made during wet or rainy weather.

Use the spray solution the same day it is prepared; do not store and reuse mixed spray solution. **If application is to be made through chemigation systems, refer to the Chemigation Directions for Use section of this label for further requirements and instructions.**

1. Typical treatment rates involve treating approximately 1000 square feet of lawn area with 1 to 10 gallons of diluted solution of Jet Granular 527, depending on turf density and thatch build-up. Spray entire area until run-off. Saturation of the entire area being treated will ensure the solution penetrates algal crusts and deposits. Add a spreader surfactant when needed to enhance contact with plant surfaces.

2. For curative treatment of heavy infestations of algae or bacterial disease, dilute 2.5-5.0 oz of Jet Granular 527 in 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation. Apply 1-10 gallons of diluted solution per 1000 square feet.

3. For preventative treatment of algae and bacterial disease, dilute 1.0-2.5 oz of Jet Granular 527 in 10 gallons of clean water. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation. Apply 1 to 5 gallons of diluted solution per 1000 square feet.
4. Repeat application every 5 to 7 days or as needed to control new or established disease conditions. For best results, apply immediately after grass has been cut.
5. For severe conditions of crusted algae, use Jet Granular 527 diluted at 5.0-10.0 oz of Jet Granular 527 per 10 gallons of clean water and apply to 1000 square feet of affected area. Mix Jet Granular 527 in small amount of clean water and mix for 30 minutes. Add mixture to remaining water in a thoroughly rinsed out mixing tank. Jet Granular 527 will readily mix with clean water and does not require agitation. Severe conditions require increased rates of Jet Granular 527 and increases in water volume to help penetrate layers of algae. Under severe conditions, double applications either by increasing the amount of Jet Granular 527 per 1000 square feet of turf or by applying twice over the same area.

For treatment of artificial turf. Jet Granular 527 can be applied to treat, reduce or suppress bacteria, fungi and slime forming algae.

1. Use Jet Granular 527 at a dilution of 1-10 oz. per 50 gallons of water as a general coarse spray to reduce bacterial, fungi, and algae contamination on the artificial turf surface per 1000 square feet. Add a surfactant if needed.
2. Allow to contact the surface for ten (10) minutes.
3. Allow to air dry, do not rinse.

CHEMIGATION

General Requirements -

- 1) Apply this product only through a drip system or sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, flood (basin), furrow, border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
- 2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- 3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- 4) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- 5) A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Specific Requirements for Chemigation Systems Connected to Public Water Systems -

- 1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Sprinkler Chemigation -

- 1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Flood (Basin), Furrow and Border Chemigation -

- 1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- 2) The systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - a. The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
 - b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 - c. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
 - d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 - e. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
 - f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Specific Requirements for Drip (Trickle) Chemigation -

- 1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

Application Instructions for All Types of Chemigation -

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
- 2) Determine the treatment rates as indicated in the directions for use and make proper dilutions. Product can be applied continuously or at any time during the water application.
- 3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. Follow the MIXING DIRECTIONS for solution preparation.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers in a cool, well-vented 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: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and for the several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning.

NOTICE TO USER

Jet Harvest LLC warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Jet Harvest LLC. To the extent consistent with applicable law, Jet Harvest LLC shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. JET HARVEST LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

OPTIONAL LABEL CLAIMS

- Bactericide
- Fungicide
- Algicide
- When mixed with water, forms non-corrosive, odorless solutions.
- Will not burn leaves.
- For use on green plants.
- For use on flowering plants.
- Convenient lightweight powder concentrate formulation.
- Fits well into an integrated pest management (IPM) program.
- Effective and efficient on a broad spectrum of pathogenic bacteria.