



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:

84846-12

Date of Issuance:

5/6/2015

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Citros-F With Carbon Power

Name and Address of Registrant (include ZIP Code):

FBSciences, Inc.
 153 N. Main St., Suite 100
 Collierville, TN 38017

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:

5/6/2015

3. Make the following labeling change before you release this product for shipment:
Revise the EPA Registration Number to read, "EPA Reg. No. 84846-12."
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 4/29/15.

If you have any questions, please contact Chris Pfeifer of my team by phone at 703-308-0031 or via email at pfeifer.chris@epa.gov.

Sincerely,



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

Enclosure

FBsciences, Inc.

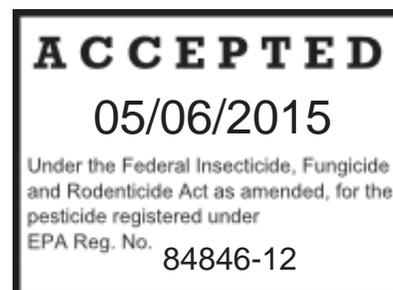
CITROS-F WITH CARBON POWER®

**Complex Polymeric polyhydroxy acids
Plant Growth Regulator**

For field or greenhouse use on vegetables, fruits, nuts, vine crops, field crops, ornamentals turf and seed treatment to provide Zinc (2%), Sulfur (4%), Manganese (2%), and Magnesium (2%) and to stimulate root and shoot growth when used alone or in mixtures with other pesticide products

ACTIVE INGREDIENT:

Complex Polymeric Polyhydroxy Acids... .018%
OTHER INGREDIENTS 99.982%
TOTAL 100.000%



**KEEP OUT OF REACH OF CHILDREN
WARNING**

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.– 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 a poison control center or doctor immediately for treatment advice.– Have person sip a glass of water if able to swallow.– Do not induce vomiting unless told to by a poison control center or doctor.– Do not give anything 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 a poison control center or doctor for further 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 the National Product Safety Hotline 1- 866-359-5667 day or night, for emergency medical treatment information.	

Net Contents: One Gallon/ 3.78 liters (8.45 lbs/3.84kg)

EPA Reg. No. 84846-

EPA Est. No. 84846-CA-001

Precautionary Statements

Hazards to Humans and Domestic Animals

Warning. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes or on skin or clothing. Avoid breathing vapor. 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. Wear appropriate personal protective equipment (PPE).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks.
- Waterproof gloves
- Protective eyewear. (Wear goggles or face shield when handling undiluted product. After product is diluted in accordance with the directions for use, goggles or face shield are not required.)

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:

- Remove clothing immediately if pesticide gets inside.
- 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 waters or rinsate.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes and socks
- Protective eyewear

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 area until sprays have dried.

GENERAL USE INFORMATION

Citros-F with Carbon Power contains foliar nutrients and a broad-spectrum plant growth regulator designed to provide Zinc, Sulfur, Manganese, Magnesium to deficient plants and soils and stimulate root and shoot growth. Citros-F with Carbon Power is for use on field or greenhouse crops, fruits, nuts, vines and ornamentals. Citros-F with Carbon Power may be applied in liquid sprays, with irrigation, impregnated on fertilizer granules, or used as a seed treatment. Optimum growth effects are achieved when the product is applied on a regular scheduled application program and should be applied at 10 to 14 day intervals.

Since all combinations or sequences of foliar pesticide and nutrient applications including surfactants and adjuvants have not been tested, before wide spread application; test a small area to be sprayed first to make certain that no phytotoxicity occurs.

Shake well before use.

Do not spray in the heat of the day, spray in the early morning or late evening. Do not spray to runoff. Allow 3-4 hours for applications to dry prior to sprinkler irrigation.

Read the entire label before using Citros-F with Carbon Power. Consult your State Agricultural Experimental Station or Extension Service Specialist for additional information on application timing, rates and any additional requirements or restrictions.

MIXING INSTRUCTIONS:

For foliar applications, be sure the sprayer is clean and not contaminated with other materials prior to use. When using an agitated spray tank fill tank 1/2 to 3/4 full with clean water and start agitation. Be certain that the agitation system is working properly. With the agitator running add the required amount of Citros-F with Carbon Power to the tank. If tank mixing with other materials, add them to the tank and continue agitation. Continue filling tank with the remainder of the water. Agitate until mixed thoroughly and avoid excessive foaming. Mix as needed; do not store diluted material overnight.

For granular applications, Citros-F with Carbon Power is applied to provide uniform coverage of all granules. In cases where the amount of fertilizer per acre is less than 100 pounds, Citros-F with Carbon Power should be applied to a small amount of fertilizer to ensure that it will not cause the fertilizer to cake.

COMPATIBILITY:

Citros-F with Carbon Power is compatible with most commonly used agricultural pesticides. Do not tank mix with phosphate fertilizers unless agitation is available. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Dilute Citros-F with Carbon Power to its use rate and then with stirring add the other components in the appropriate amounts. If precipitation, gelation, or sedimentation occurs, do not use the combination of pesticides. Because

of the wide variety of possible combinations that can be encountered, observe all precautions and limitations on the label of all products used in mixtures.

APPLICATION INSTRUCTIONS:

Citros-F with Carbon Power is a broad spectrum biopesticide to improve germination and seedling development, stimulate root and shoot growth, increase chlorophyll content, improve plant ability to withstand stress, and increase yields when used alone or in mixtures with nutrients and other pesticide products on field crops, vegetables, fruits, nuts, vine crops, turf and ornamentals.

Citros-F with Carbon Power is also effective for use in programs where repeated applications are necessary. If not applied on a routine spray schedule, apply Citros-F with Carbon Power alone or in combination with appropriate fertilizers and pesticides. Apply at 10 to 14 day intervals.

Apply at the rate of 1 to 6 pints per acre for soil and foliar applications unless otherwise specified on this label.

Do not make foliar applications when conditions favor drift from target area or wind speed is greater than 10 mph. Spray equipment must be cleaned thoroughly before and after applications.

For all crops, apply Citros-F with Carbon Power at a rate of 1 to 6 pints per acre. Apply the higher rates for single applications or to orchards and vineyards of Citros-F with Carbon Power or the lower rates for multiple applications. Applications can continue as long as plants are still in the vegetative stage. Foliar applications may begin when plants reach or surpass the 4-leaf stage of development. Repeat applications no sooner than every 7 days. For best results it is recommended that Citros-F with Carbon Power be used in multiple applications throughout the growing season. For best results, apply Citros-F with Carbon Power before leaf hardening.

USE RATES FOR OUT DOOR AND GREENHOUSE CROPS

For all crops, Citros-F with Carbon Power can be applied to the foliage, or can be used as a seed treatment. Use rates range from 1 to 6 pints per acre foliar applications depending upon the application method, product placement and timing. Lowest rates are used for multiple foliar applications and higher rates for single applications.

Foliar applications: Apply Citros-F with Carbon Power directly to the foliage of actively growing plants at a rate of 1 pint per acre in a minimum spray volume of 15 gallons per acre. Citros-F with Carbon Power may be applied with all nutrient products and pesticides.

Seed Treatments: For seed treatment, dilute the Citros-F with Carbon Power by mixing one part Citros-F with Carbon Power with two parts water and apply to uniformly to the seed at a rate of 2 ounces per 100 pounds of seed.

Specific Use Restrictions: Apply up to the day of harvest (0 day PHI). Do not apply more than 6 pints per acre per application. Do not apply more than 12 pints per acre per season. Do not make post-harvest applications.

FOR CEREAL GRAINS, VEGETABLE CROPS, AND OTHER AGRONOMIC CROPS: Apply 1-6 pints of Citros-F with Carbon Power in a minimum of 10 gallons finished spray per acre when applied as a foliar spray.

Cereal Grains, including :

Barley, Buckwheat, Corn (sweet and field), Millet, Oats, Popcorn, Rice, Rye, Sorghum, Triticale, Wheat, Wild rice

Cucurbit and Fruiting Vegetables, including :

Cucumber, Eggplant, Gherkin, Muskmelon, Okra, Pepper, Pumpkin, Squash, Tomato, Watermelon,

Leafy Vegetables, including :

Arugula, Cardoon Celery, Chinese Celery, Chervil, Cilantro, Endive, Fennel, Lettuce, Orach, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard

Brassica (Cole) Leafy Vegetables including:

Broccoli. Broccoli Raab. Brussel Sprouts. Cabbage. Chinese Cabbage (Boc Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Collards, Kale, Kohlrab, Mustard Greens, Mustard Spinach

Legume Vegetables, including :

Beans, Broad bean, Chickpea, Lentil, Peas, Soybean

Root, Tuber and Bulb Vegetables, including :

Beet (garden and sugar), Carrot, Cassava, Celeriac, Chayote, Chervil, Chicory, Garlic, Ginger, Ginseng, Horseradish, Leek, Onion, Parsley root, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Turnip, Yam

Other Agronomic Crops, including :

Artichoke, Asparagus, Coffee, Cotton, Grass grown for seed, Hops, Industrial hemp, Jojoba, Papaya, Pistachio, Sesame, Sunflower, Tea, Mint, Spearmint

FOR FRUIT, NUT, BERRY AND VINE CROPS: Apply 1-4 pints, 6 pints for vine crops of Citrus-F with Carbon Power in a minimum of 25 gallons finished spray per acre when applied as a foliar spray.

Specific Use Restrictions: Apply up to the day of harvest (0 day PHI). Do not apply more than 4 pints per acre per application. Do not make post-harvest applications.

Berries and Vine Crops, including :

Blackberry, Blueberry, Cranberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Raspberry, Strawberry

Citrus, including :

Grapefruit, Lemon, Lime, Mandarin, Orange, Pummelo, Tangerine

Nut Crop, including :

Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Pistachio, Walnut

Pome Fruit, including :

Apple, Crabapple, Loquat, Mayhaw, Pear, Quince

Stone Fruit, including :

Apricot, Cherry, Nectarine, Peach, Plum, Prune, Plumcot

FOR ORNAMENTAL CROPS (including broadleaf shrubs and trees, flowering plants and bulbs, and foliage plants):

Apply 1 pint of Citros-F with Carbon Power in a minimum of 25 gallons finished spray per acre when applied as a foliar spray.

Specific Use Restrictions: Do not apply more than 6 pints per acre per application. Do not apply more than 12 pints per acre per season.

IMPORTANT NOTE: Plant sensitivities to Citros-F with Carbon Power have been found to be acceptable for plants listed on this label; however it is impossible to know sensitivities under all conditions and phytotoxicity may occur. Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for sensitivity to Citros-F with Carbon Power. Neither the manufacturer nor seller, endorses use upon species not listed on the label, nor has it been determined that Citros-F with Carbon Power can be safely used on ornamental or nursery plants not listed on this label. The user must determine if Citros-F with Carbon Power can be used safely prior to commercial use. In a small area, apply the listed rates to the plants in question, i.e. foliage, fruit, etc., and observe for 7-10 days for symptoms of phytotoxicity prior to commercial use. Do not apply foliar sprays to open blooms of Geranium, Marigold, Pansy, and Petunia.

Broadleaf Shrubs and Trees:

Andromeda, Ash, Aspen, Azalea, Buckeye, Camellia, Cherry Laurel, Crabapple, Dogwood , Eucalyptus, Euonymus, Firethorn, Flowering almond, Flowering cherry, Flowering peach, Flowering plum, Flowering quince, Hawthorn, Holly, Laurel, Lilac, Magnolia, Maple, Oak, Poplar, Privet, Red-tip, Rhododendron ,Sequoia, Spirea, Sycamore, Viburnum, Walnut

Flowering Plants and Bulbs

African violet, Begonia, Carnation, Chrysanthemum, Crocus, Daffodil, Daisy, Geranium*, Gladiolus, Hollyhock, Hydrangea, Iris, Lily, Marigold*, Narcissus, Pansy*, Petunia*, Phlox, Rose, Statice, Zinnia

***NOTE:** Do not apply foliar sprays of Citros-F with Carbon Power to open blooms of these species.

Foliage plants:

Aglaonema, Artenesia , Boston fem, Dracaena, Dumbcane, Fatsia, Ficus, Leatherleaf fern, Lipstick plant, Ming aralias, Oyster plant, Pachysandra, Palm, Parlor palm, Peperomia, Philodendron, Prayer plant, Ruffle fern, Syngonium, Zebra plant

SEED TREATMENT on vegetables, fruits, grains, field crops and turf to stimulate plant growth and enhance yields

Citros-F with Carbon Power Seed Treatment is a water-based liquid plant growth regulator for use as a seed treatment on a wide range of crops including field crops, vegetables, fruits and turf seed. Citros-F with Carbon Power Seed Treatment is used to provide better and faster seedling emergence through improved seed germination and seedling development, to stimulate root and shoot growth, increase chlorophyll content, improve the plants ability to withstand stress and increase yields. Citros-F with Carbon Power Seed Treatment can be used alone, but should be applied in mixtures with fungicide and insecticide seed treatments in situations where the seed and seedlings are at risk from disease or insect attack. Citros-F with Carbon Power Seed

Treatment can also be applied in mixtures with a wide range of other seed amendments such as bio-stimulants, nutrients and polymers.

Read the entire label before using Citros-F with Carbon Power Seed Treatment. Consult your State Agricultural Experimental Station or Extension Service Specialist for additional information on rates of use, application and any additional requirements or restrictions.

APPLICATION RATES

Apply Citros-F with Carbon Power Seed Treatment at rates of 2.0 to 4.0 fl. oz per 100 lbs of seed. Rate of use will depend on seed type, seep size and on use of mixtures.

APPLICATION INSTRUCTIONS

Citros-F with Carbon Power Seed Treatment is a water-based liquid formulation designed for easy use as a seed treatment, and should not form sediment during normal storage. It may be applied using standard commercial slurry or mist-type seed treatment equipment which can be calibrated and which provides good mixing of seed and treatment products to provide even distribution and coverage of the seed. Uniform application to seed will give optimum performance. The Seed should be sound, well-conditioned, and free from dust and chaff.

Citros-F with Carbon Power Seed Treatment can be used alone, however, it is recommended for application with other seed treatment products such as fungicides, insecticides, inoculants and fertilizers.

Citros-F with Carbon Power Seed Treatment can be pre-diluted with clean water, and other seed amendments can also be mixed with it as required, and the total volume of slurry adjusted according to the application equipment and seed type. Apply gentle agitation during mixing and use, and do not store the diluted product overnight.

SEED TREATMENT USE RESTRICTIONS AND PRECAUTIONS

- Do not use treated seed for food, feed or oil processing purposes
- Ensure that the treated seed is colored with a suitable dye to prevent its accidental use as food or feed
- Do not use the same equipment including augers for treating seed that will handle commercial or feed grains
- Store treated seed in cool dry conditions
- Any treated seed which is stored until the following season must be re-tested for germination and vigour prior to sowing.

TREATED SEED MUST BE LABELED

Seed that is treated with Citros-F with Carbon Power Seed Treatment and then packaged or bagged for future use must carry appropriate labelling on the outside of the package or bag.

“This seed has been treated with Citros-F with Carbon Power Seed Treatment (plus any other pre-mixed seed amendments) – Do not use for food, feed or oil purposes.

Also include the date and establishment where treated, name and address on the label.

COMPATIBILITY

Citros-F with Carbon Power Seed Treatment is compatible with most commonly used seed amendment products, and it is advisable not to tank-mix Citros-F with Carbon Power Seed Treatment with any other product unless adequate physical compatibility and phytotoxicity (germination) tests have been conducted and proven to be satisfactory. Consult your supplier or advisor for further information.

STORAGE AND DISPOSAL

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

Storage:

Keep pesticide in original container. Keep container tightly closed when not in use. Store product above 40F. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers. Protect from excessive heat. Store in a cool, dry place.

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) promptly after emptying. For containers less than five gallons triple rinse as follows:

Empty remaining contents into application equipment or mix tank and drain for 10 seconds after flow begins to drip. Fill container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. For containers greater than five gallons triple rinse as follows:

Empty 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 forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling or reconditioning, or puncture and or 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

The directions for use of this product are believed to be adequate and must be followed carefully. The use of this product is beyond the control of the manufacturer, and, therefore, to the extent consistent with applicable law, no warranty, representation, or guarantee of any kind, expressed or implied, is made as to the effects of such use or any results obtained if not used in accordance with printed directions and established safe practice or if unusual or extraordinary weather conditions occur. To the extent consistent with applicable law, the buyer's exclusive remedy and manufacturer's or seller's exclusive liability in tort or otherwise, shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed.

Batch Code/Lot Number: _____

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Version 1

Manufactured by:
FBsciences, Inc.
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Collierville, TN 38017