

CYZER®

PLANT GROWTH REGULATOR

ACTIVE INGREDIENTS:

Cytokinin, as kinetin, based on biological activity 0.02%

INERT Ingredients 99.98%

Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Harmful if swallowed or absorbed through the skin! Causes skin irritation! Do not breath vapor or spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If swallowed: call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash skin with soap and water. Get medical attention if irritation persists.

SEE INSIDE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

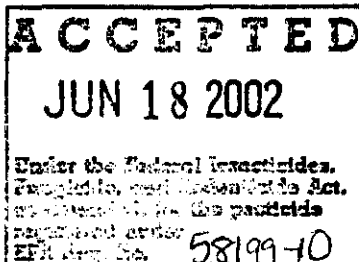
EPA Reg. No. 58199-10

EPA Est. No.

Net Contents:	gallons/	liters	Lot No.
	lbs./	kgs.	

Plant BioTech, Inc.
Deming, NM 88030

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Applicators and other handlers must wear long-sleeved shirt and long pants and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment 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, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash water.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

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.

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. 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, waterproof gloves and shoes plus socks.

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

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.

Chemigation system

Apply CYZER Plant Growth Regulator only through the following types of systems: sprinkler, including center pivot, lateral move, end tow, side roll, traveler, big gun, solid set, or hand move; or drip (trickle) irrigation systems. Do not apply this product through any other type of system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non uniform distribution of treated water.

If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

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. A person knowledgeable about the chemigation systems and responsible for its operation, or under supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

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 at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer 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.

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. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

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.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. 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.

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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.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Supply pesticide tank agitation, especially if product is to sit in tank for over 6 hours.

CYZER Plant Growth Regulator may be applied continuously for the duration of water application or with the first quarter to one-half of the watering period.

Mixing instructions: Fill supply tank to 1/4 to 1/2 full. Add CYZER Plant Growth Regulator and complete filling.

WARRANTY: The manufacturer warrants that this product shall be of its standard quality and shall conform to the label thereon. Recommendations for use of the product are based on tests believed to be reliable. The use of the product being beyond the control of the manufacturer, no guarantee expressed or implied is made as to the effects of such or the results to be obtained, except as expressly set forth on the label hereon. The BUYER must assume all responsibility if not used in accordance with directions or established safe practices, including injury or damage resulting from its misuse as such or in combination with other materials. The manufacturer's liability shall be limited to the replacement without charge, FOB warehouse, of all product shown to be otherwise than as warranted.

Recommendations for Use

CYZER Plant Growth Regulator is a plant growth regulator product containing natural plant hormones formulated to improve nutrient utilization, promote bud initiation and development, flower set and retention, improve fruit size, and increase efficiency of production.

Use CYZER Plant Growth Regulator in combination with a well-balanced fertility program and good management practices. The Company recommends the use of soil and tissue testing, and additional nutrients and micronutrients as needed. For maximum benefit, add 0.1 to 0.25 lbs. Calcium to spray solution with a complete fertilizer, such as Nutrileaf (20-20-20) or Sol-U-Gro (12-48-8) along with chelated micronutrients.

A blanket exemption from the requirement of a tolerance has been issued by the U.S. EPA for the active ingredients in this product. This product is cleared for use on any and all crops.

For local use recommendations for major and minor crops, contact your PCA or local distributor representative.

For maximum benefit, all foliar applications should include Calcium EDTA or other highly available calcium source in the tank mix..

SHAKE WELL BEFORE USING

GENERAL USE INSTRUCTIONS

For best results, CYZER Plant Growth Regulator should be applied before noon or after four p.m. A spreader/sticker/surfactant cleared for application to growing crops should be used with the product. Store CYZER Plant Growth Regulator in a cool dry place and out of direct sunlight. Any spigot or pump put into a CYZER Plant Growth Regulator drum should be cleaned with disinfectant (bleach and water, etc.) before using, unless the whole drum is to be used at one time. Mix CYZER Plant Growth Regulator with enough water to get thorough coverage of plant surfaces. CYZER Plant Growth Regulator is compatible with most other spray materials.

Good growing conditions are necessary for the maximum utilization of CYZER Plant Growth Regulator. Timing of the foliar spray application is very important. Always follow directions precisely. Do not apply within eight hours of forecast rain.

For General Use, mix 1 oz. CYZER Plant Growth Regulator with 5 gallons water and spray plant foliage and flowers to dampness, almost to runoff. For best results, CYZER Plant Growth Regulator should be applied in the morning or late afternoon.

For larger areas where aircraft or power driven sprayers are used to apply the spray, follow the specific use rates below. Apply with sufficient water to get thorough foliage coverage, 3 to 10 gallons water per acre for aircraft sprayers and 20 to 200 gallons water per acre for ground driven spray equipment. CYZER Plant Growth Regulator may be used with a surfactant and can be applied as a mixture with most pesticides. To be safe, run a "jar compability test" and treat a small area with any new mixture to test the chemical and crop reaction before large field application.

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APPLICATION INSTRUCTIONS FOR TREE FRUITS

Transplant:

Soil Drench: Mix 12 ounces CYZER Plant Growth Regulator and 5 lbs. Sol-U-Gro® (12-48-8) or Nutrient Express® (11-41-8) in 100 gallons water and apply 1 gallon of solution to each tree at time of planting after the roots are covered with soil.

GENERAL: Early applications of CYZER Plant Growth Regulator will promote the development of larger fruit while applications made 30+ days after bloom tend to strengthen buds and results in improved return bloom. The application of appropriate foliar nutrients may improve the overall performance of CYZER Plant Growth Regulator. This is especially true when calcium is included in the application. The usual recommended rates of foliar calcium based on accepted local cultural practices should be included with the above applications of CYZER Plant Growth Regulator on apples to aid in reduction of calcium deficiency problems.

When using foliar nutrients with CYZER Plant Growth Regulator, use materials and application timings that have shown they will not damage the trees or the fruit.

APPLE, PEAR, MANGO, PAPAYA, PINEAPPLE

1. **TO INCREASE POLLINATION EFFICIENCY:** At prebloom (stage 3 to 5), apply 2 to 4 ounces of CYZER Plant Growth Regulator per acre.
2. **TO INCREASE SIZE:** Make two applications of CYZER Plant Growth Regulator. The first application should be made at bloom to one week after bloom at rate of ½ pint CYZER Plant Growth Regulator per acre. (CYZER Plant Growth Regulator will not harm bees or pollinating insects). Make a second application at ½ pint per acre, 10 to 14 days after the first application. Both applications must be made to maximize the sizing benefit of CYZER Plant Growth Regulator.
3. **TO ENHANCE THE EFFECTS OF PROMALIN® ON RED DELICIOUS APPLES:** Apply CYZER Plant Growth Regulator at ½ pint/acre in combination with Promalin. Where split applications of Promalin are being used, 4 oz. of CYZER Plant Growth Regulator per acre per application should be used. Follow the directions on the Promalin label for the timing of and rates of Promalin to be used.
4. Monthly applications of CYZER Plant Growth Regulator beginning approximately 30 days after bloom at a rate of 2 to 4 ounces/acre, and continuing throughout the growing season to promote nutrient translocation and fruit development while at the same time supporting bud development to improve next year's return bloom.

Stone Fruits (Peach, Nectarine, Plum, Cherry)

1. **TO INCREASE POLLINATION EFFICIENCY:** Prior to bloom (stage 4 & 5) apply 2 to 4 ounces CYZER Plant Growth Regulator per acre.
2. **TO INCREASE FRUIT SIZE:** Apply two, ½ pint applications of CYZER Plant Growth Regulator. Make the first application at bloom to one week after bloom using a rate of ½ pint CYZER Plant Growth Regulator per acre. (CYZER Plant Growth Regulator will not harm bees or pollinating insects.) Make a second application at ½ pint per acre, 10 to 14 days after the first application.
3. Monthly applications of CYZER Plant Growth Regulator beginning approximately 30 days after bloom at a rate of 2 to 4 ounces/acre, and continuing throughout the growing season to promote nutrient translocation and fruit development while at the same time supporting bud development to improve next year's return bloom.

The usual recommended rates of foliar calcium should be included with the above applications of CYZER Plant Growth Regulator on peaches to aid in reduction of calcium deficiency problems such as split pit.

When using foliar nutrients with CYZER Plant Growth Regulator, use materials and application timings that have shown they will not damage the trees or the fruit.

GRAPES (Table and Wine)

Spray with a solution of ½ pint CYZER Plant Growth Regulator per acre at the following growing stages:

First: Apply at the 12 to 18 inch cane stage to increase bunch size and length, and to support the flowers on the cluster.

Second: Apply during bloom to improve berry set.

Third: Apply during berry set to promote berry development.

Fourth: Apply 4 weeks before harvest to promote sugar accumulation and storage.

A light amount of an appropriate foliar calcium should be applied with the above applications of CYZER Plant Growth Regulator on grapes. Apply foliar potash (crop finisher) with the fourth application to increase sugar storage.

When using foliar nutrients with CYZER Plant Growth Regulator, use materials and application timings that have shown they will not damage the vines or the berries

BANANAS

Make monthly applications of ½ pint per acre to promote growth, bunch development and increase fruit number and size.

CITRUS (Orange, Lemon, Grapefruit, Kumquat, etc.)

1. At bud differentiation stage (3 to 4 months before bloom), spray CYZER Plant Growth Regulator at ½ to 1 pint per acre.
2. Repeat at early to mid-bloom.
3. Repeat 15 to 30 days after petal fall.
4. Repeat at monthly intervals thereafter.

Nursery and Greenhouse Use

To promote bud differentiation, cell division, root induction and growth and to reduce apical dominance. Use CYZER Plant Growth Regulator in your watering program or as a foliar spray.

Propagation of Cuttings: Dip cuttings in rooting hormone powder or solution and stick in rooting medium. Spray or mist cuttings with a solution of 1 fl. oz. CYZER Plant Growth Regulator to 4 gallons water (1 qt./100 gallons) at weekly intervals until root buds initiate. Then spray at 2 to 4 week intervals.

Transplanting: Add 1 fl. oz. CYZER Plant Growth Regulator per 4 gallons of transplant solution (fertilizer-water). Drench the root zone. Follow with spray to foliage or add through irrigation system at 2 to 4 week intervals at the rate of 1 quart per 100 gallons..

Production: To increase growth rate, improve quality and resilience of nursery and greenhouse crops, add 1 fl. oz. CYZER Plant Growth Regulator per 4 gallons (1 quart/100 gallons) of fertilizer or water solution and apply through the irrigation system or via foliar spray.

Nutritional Deficiencies: To promote rapid uptake and correction of nutrient deficiencies in ornamentals and turf, add CYZER Plant Growth Regulator to iron, nitrogen fertilizers, zinc or other nutrient solutions at the rate of 1 fl. oz. per 4 gallons (1 qt/128 gallons). Apply as a foliar spray or soil drench.

TURF

Spring application: Make an early application of ½ to 1 fl. oz. CYZER Plant Growth Regulator per 1000 sq. ft. to promote tiller, rhizome or stolon growth, to develop a deep root system, and to give the turf a rapid start once winter dormancy is broken and growth begins. Continue monthly ½ fl. oz./1000 sq. ft. applications throughout spring and summer. Spring application is important to develop a deep root system which will condition the turf and reduce the stress of disease and summer heat or low rainfall. Apply CYZER Plant Growth Regulator with iron sulfate for maximum root growth response.

Fall Application: Two to three applications of CYZER Plant Growth Regulator (½ to 1 fl. oz. per 1000 sq. ft.) should be made in the fall beginning about eight weeks before the turf becomes dormant (eight weeks before first frost date in the northern states) to promote root growth and provide the grass with the vigor to better endure the stress of winter (reduce winter kill) and improve survival of a good healthy turf for the following spring.

Golf Greens, Fairways, Football and Soccer Fields, and Baseball Infields and outfields: At the beginning of spring growth apply 1 to 2 fl. oz. per 1000 square feet at the breaking of dormancy. Make successive maintenance applications of ½ to 1 fl. oz. per 1000 sq. ft. at monthly intervals or as needed to maintain root growth, tillering, appearance and vigor throughout the growing season. During periods of intensive use apply ½ to 1 fl. oz. per 1000 sq. feet weekly to the greens, infield or playing field to maintain root structure and renew growth and vigor between games. Make three applications of ½ fl. oz. per 1000 sq. ft. at 2 week intervals in the fall beginning about eight (8) weeks before turf becomes dormant to promote root growth and increase winter stamina to reduce winter kill.

Sod: Spray CYZER Plant Growth Regulator to newly laid sod at ½ to 1 fl. oz. per 1000 sq. ft. to promote rooting and increase the rate of sod establishment. Maintain growth and vigor with monthly applications of ½ to 1 fl. oz. per 1000 square feet.

Sod Farming: Spray CYZER Plant Growth Regulator at ½ to 1 pints/acre monthly to sod fields to promote root, tiller and rhizome growth and to bring the crop to harvest more quickly. Maintain accelerated growth with CYZER Plant Growth Regulator applications of ½ to 1 pints/acre at 2 to 4 week intervals or as needed. Spray CYZER Plant Growth Regulator at ½ to 1 pints per acre to sod 1 to 4 days before harvesting to initiate new root growth and speed up establishment when sod is laid.

Lawns, Playgrounds, Parks, Recreational Areas, Landscaped Roadways and Cemeteries: Apply 1 fl. oz. per 1000 square feet at the beginning of spring growth to promote a deep root system and tillering to fill sparse areas. Apply at ½ to 1 fl. oz. per 1000 square feet monthly to maintain health and vigor of the turf. Application can be made more frequently as needed to condition the turf for stress or for periods of heavy use.

Nutritional sprays: For better color response from nitrogen, iron, sulfur, zinc and other nutrient sprays use ½ to 1 pt CYZER Plant Growth Regulator per acre with nutrient spray solution. For

greens or smaller area, add 1/2 to 1 fl. oz. CYZER Plant Growth Regulator per 3 to 5 gallons spray solution.

Established Trees and Shrubs: Spray 1 to 2 pints per acre, or a mixture of 1 oz CYZER Plant Growth Regulator to 4 gallons water to thoroughly wet the foliage at any or all of the following growth stages:

- 1. Early spring to promote bud initiation;
- 2. At bud break;
- 3. At terminal calyx;
- 4. Early to mid fall.

For best results apply CYZER Plant Growth Regulator with foliar nutrients, micronutrients or secondary nutrient sprays such as calcium, iron, and zinc.

LANDSCAPE MANAGEMENT (see Turf uses also)

Bedding Plants: Spray bedding plants at 2 to 4 week intervals with a solution of 1 fl. oz. CYZER Plant Growth Regulator per 4 gallons water (1 quart per 128 gallons), fungicide or nutrient spray to promote growth, flowering and maximum color development.

Lawn Care: Spray CYZER Plant Growth Regulator to lawns at the rate of 1/2 fl. oz. per 1000 sq. ft. CYZER Plant Growth Regulator can be added to liquid fertilizer, insecticide, fungicide, or herbicide sprays.

Transplanting of trees, shrubs or bedding plants: See transplanting instructions under nursery use.

Maintenance: To promote growth and reduce stress from drought, disease or nutrient deficiency. Spray CYZER Plant Growth Regulator to foliage at the rate of 1 fl. oz. per 4 gallons of water or fertilizer or pesticide solution (1 quart per 128 gallons).

Nutritional Deficiencies: To promote rapid uptake and correction of nutrient deficiencies in ornamentals and turf, add CYZER Plant Growth Regulator to iron, nitrogen fertilizer, zinc or other nutrient spray solutions at the rate of 1 fl. oz. per 4 gallons (1 qt/128 gallons). Apply as a foliar spray or soil drench.

Root Feeding: Mix CYZER Plant Growth Regulator with root feeding solutions at the rate of 1 fl. oz. per 4 gallons of nutrient solution (1 quart per 128 gallons).

Non-Bearing Use for TREES, FRUITS, NUTS, BERRIES, SHRUBS AND WOODY ORNAMENTALS:

To aid in propagation of trees, fruits, berries, soft wood cuttings, shrubs and woody ornamentals and to reduce transplant shock, to promote growth and vigor and reduce stress in non-bearing fruit trees such as apple, peach; berry and vine crops such as cranberries; evergreen trees such as spruce, fir, pine; deciduous trees such as birch, elm, maple; flowering plants and shrubs such as poinsettia, rose, azalea, rhododendron, crepe myrtle; and for other flowering and non-flowering shrubs. Spray 1/2 to 1 pint per acre, or a mixture of 1 oz CYZER Plant Growth Regulator to 4 gallons water to thoroughly wet the foliage at any or all of the following growth stages:

- 1. Early spring to promote bud initiation;
- 2. At bud break;
- 3. At mid summer;
- 4. Early to mid fall.

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New cuttings: Spray CYZER Plant Growth Regulator at ½ to 1 pint per acre on the stems, branches, vines or canes to be propagated from 1 to 7 days before cutting. After planting, spray CYZER Plant Growth Regulator at ¼ to ½ pint or apply through the irrigation system at weekly intervals until the plants are established.

CROP USE GUIDELINES

CROP	Broadcast Rate/Acre (each application)	TIMING AND FREQUENCY
Asparagus	8 oz.	Spray CYZER Plant Growth Regulator to fern about 2 weeks after last harvest and repeat monthly during fern growth.
Beans and peas -fresh: Snap, string, pole, black-eyed, sweet green, English, etc.	4 oz	First: apply at the 2 to 3 trifoliolate leaf stage. Second: 7 to 15 days later.
Beans and peas - dry	4 oz	Apply when plants have developed 3 to 7 trifoliolate leaves, again at early bloom, and again at the beginning of pod fill.
Beets, Sugar	4 to 8 oz 8 to 16 oz 8 to 16 oz	First application: Apply at the beginning of root enlargement. Second: Apply at the beginning of sugar accumulation. Final: Apply 4 to 6 weeks before harvest.
Broccoli, Cabbage, Cauliflower Celery, Lettuce	4 oz	Make 4 to 6 applications at two week intervals beginning at the 3 leaf stage. Applications can be divided to provide weekly application of 2 to 4 oz/A applied with other spray or mixtures of insecticides or foliar nutrients.
Carrot, radish, beets, Turnips, etc.	8 oz	Apply when the seedlings have 3 to 6 leaves. Cyzer Plant Growth Regulator can be applied with herbicides.
Corn (field)	4 oz	Make first application at the 8 to 10 leaf stage. Follow with second application at tasseling.
Corn (sweet and popcorn)	4 oz	Apply at the 5 to 7 leaf stage. Follow with second application at tasseling.
Cotton	4 oz	Pinhead square: Apply weekly for 4 weeks, or First Bloom: Apply at first white flower and again two weeks later (mid bloom).
Cucumber	8 oz	Broadcast spray applications: To promote early female vigor and enhance yields, apply at the 3 to 6 leaf stage and continue at weekly to 14 day intervals for four applications. Banded rates at the 3 to 6 leaf stage should begin at the 2 to 3 oz. rate for the first application.
Forage crops (legumes and grasses)	8 oz	Spray CYZER Plant Growth Regulator immediately after cutting, at the beginning of bloom and at mid-bloom.

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CROP USE GUIDELINES

<u>CROP</u>	<u>Broadcast Rate/Acre (each application)</u>	<u>TIMING AND FREQUENCY</u>
Melons (Cantaloupe, Muskmelon, Watermelon)	8 oz	Broadcast spray applications: To promote early female vigor and enhance yields, apply at the 3 to 6 leaf stage and continue at weekly to 14 day intervals for four applications. To promote sugar development during cool growing conditions and enhance size of melons, apply CYZER Plant Growth Regulator beginning at bloom and at weekly to 14 day intervals until 3 weeks before harvest. Banded rates at the 3 to 6 leaf stage should begin at the 2 oz rate for the first application.
Nut crops - Almonds, Pecans, Walnuts Pistachios, Filberts, Cashews	16 to 32 oz.	Apply CYZER Plant Growth Regulator with 10 lb/acre low-biuret ure at mid-nut fill and again one month later. Add 8 oz of CYZER Plant Growth Regulator per acre to each zinc or calcium spray Apply 16 to 32 oz/acre prior to flowering. Ask your local PCA for specific regional timing.
Onions, garlic	8 oz	Spray fall seeded onions in spring at bulb initiation and at weekly to 2 week intervals for 3 to 4 applications. Transplants: see transplant instructions. Spray transplants at bulb initiation (2 to 4 new blades) and again weekly for up to 4 applications.
Peanuts	8 oz	Apply at the 3rd trifoliolate. Repeat at 10 day intervals for four applications.
Peppers (Bell), Peppers (Chiles), Eggplant , Okra	4 oz	Apply at the 3 to 4 leaf stage. Follow with applications at 7 to 14 day intervals for a total of four to six applications.
Potatoes	Seed Treatment 4 oz	Dip potato pieces in a solution of 1 part CYZER Plant Growth Regulator to 400 parts water for 20 to 60 seconds. CYZER Plant Growth Regulator can be used with a fungicide treatment. Follow with foliar spray program. Spray at tuber initiation (about 2-4 weeks after emergence) and again two weeks later.
Rice	8 oz	Spray at the 3 to 7 leaf stage to increase tillers and panicles or at the PI/PD stage to reduce straight heads and increase panicle size.
Sorghum (Milo)	4 oz	Spray at the 4 to 7 leaf stage and at panicle emergence.
Soybeans	4 oz	Apply during the 3 to 5 trifoliolate stage, and each of the R1 and R5 stages.
Spinach	4 oz	Make 4 to 6 applications at two week intervals beginning at the 3 leaf stage. Applications can be divided to provide weekly application of 2 oz/acre applied with other spray mixtures of insecticides or foliar nutrients.

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CROP USE GUIDELINES

<u>CROP</u>	<u>Broadcast Rate/Acre (each application)</u>	<u>TIMING AND FREQUENCY</u>
Squash: Summer, Winter Zucchini	8 oz	Broadcast spray applications: To promote early female vigor and enhance yields, apply at the 3 to 6 leaf stage and continue at weekly to 14 day intervals until 2 weeks before final harvest. Banded rates at the 3 to 6 leaf stage should begin at the 2 oz rate for the first application.
Strawberries	4 to 8 oz	Transplants: See transplant instructions. Begin spray applications at 1 to 2 weeks after transplanting and continue at 7 to 14 day intervals throughout the production season.
Tomatoes	4 to 8 oz	Spray CYZER Plant Growth Regulator at the 6 to 8 leaf stage. Follow with 7 to 14 day applications to promote set and continue production. Make final application about 3 to 4 weeks before final harvest.
Spring Wheat, Barley, Rye, Oats	4 oz	Apply when plants have 3 to 5 true leaves emerged.
Winter Wheat Barley, Rye	8 oz	For winter grazing: Apply 8 fl. oz/acre two weeks after emergence. Make a second 4 to 8 fl. oz. application when Spring growth begins after vernalization to increase grain Production.

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