

# FORTIFIED STIMULATE YIELD ENHANCER<sup>®</sup> PLUS



## A PLANT GROWTH PROMOTER

### ACTIVE INGREDIENTS:

Cytokinin (as kinetin).....0.009%

Gibberellic Acid.....0.005%

Indole-3-butyric Acid.....0.005%

Indole-3-acetic Acid.....0.005%

**OTHER INGREDIENTS**.....99.976%

**TOTAL**.....100.000%

This product contains: 0.000095 oz (2.7 mg) of cytokinin, 0.000053 oz (1.5 mg) of gibberellic acid, 0.000053 oz (1.5 mg) of indole-3-butyric acid, and 0.000053 oz (1.5 mg) of indole-3-acetic acid per fluid ounce.

Fortified Stimulate Yield Enhancer<sup>®</sup> Plus boosts plant vigor, promoting strong, uniform emergence, and balanced growth above and below ground

## KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements and directions for use inside booklet.

**Density:** 8.6 lbs/Gal or 1.04 kg/L

**Net Contents:**

- |                                  |                                  |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> 1.0 Gal | <input type="checkbox"/> 2.5 Gal |
| <input type="checkbox"/> 5.0 Gal | <input type="checkbox"/> 55 Gal  |

### FIRST AID

If on skin or clothing	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
If swallowed	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice.</li><li>Have person sip a glass of water if able to swallow.</li><li>Do not induce vomiting unless told to do so by the poison control center or a doctor.</li><li>Do not give anything by mouth to an unconscious person.</li></ul>
If inhaled	<ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
If in eyes	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or are going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. For emergencies, call the Poison Center at 1-800-222-1222.

**FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool place and out of direct sunlight.

**Pesticide Disposal:** To avoid waste, use all of the material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling:**

**Nonrefillable container.** Do not reuse or refill this container

For Nonrefillable containers equal to or less than 5 gallons(19 L).

**Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**EPA Reg No. 57538-49**  
**EPA Est No. 57538-TX-2**

Manufactured by **STOLLER ENTERPRISES, INC.**  
9090 Katy Frwy., Suite 400 | Houston, TX 77024 U.S.A.  
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See additional Precautionary Statements, First Aid  
and Directions for Use inside booklet

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Rev: 22J21  
Z-FORTSTIMYEP

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

### Personal Protective Equipment

Waterproof gloves are sufficiently chemical-resistant for this product. If you want more options, follow the instructions for category A on an Environmental Protection Agency (EPA) chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants;
- chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, and
- shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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. Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

<b>FIRST AID</b>	
If on skin or clothing	<ul style="list-style-type: none"> <li>· Take off contaminated clothing.</li> <li>· Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>· Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>· Call a poison control center or doctor immediately for treatment advice.</li> <li>· Have person sip a glass of water if able to swallow.</li> <li>· Do not induce vomiting unless told to do so by the poison control center or a doctor.</li> <li>· Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>· Move person to fresh air.</li> <li>· If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>· Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>· Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>· Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>· Call a poison control center or doctor for treatment advice.</li> </ul>
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<p><b>FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC at 1-800-424-9300.</b></p>	

## 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 apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and 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. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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) and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 4 hours unless wearing appropriate PPE.

Exception: If the product is soil-incorporated, the WPS, under certain circumstances, allows workers to enter the treated area 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 WPS and that involves contact with anything that has been treated, such as plants, soil, or water is:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, and
- shoes plus socks.

#### **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.

Do not enter or allow others to enter treated areas until sprays have dried.

#### **CHEMIGATION\***

##### **Application and Calibration Techniques for Sprinkler Irrigation**

Irrigation provides an ideal scenario for the application of Fortified Stimulate Yield Enhancer® Plus at key growth stages. Apply this product only through the following types of irrigation systems: center pivot, traveler, big gun, motorized lateral move, end tow, side (wheel) roll, solid set, and hand move irrigation equipment. Do not apply through any other types of irrigation systems. 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, you should contact State Experiment Station 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 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.

\*Not for Use in California

**A. Center Pivot, Traveler, Big Gun, Motorized Lateral Move, End Tow, and Side (Wheel) Roll Irrigation Equipment:**

Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle for center pivot or one complete run for the other recommended equipment, measuring time required, amount of water injected, and acreage contained in circle or run. Mix recommended amount of Fortified Stimulate Yield Enhancer® Plus for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run, but continue to operate irrigation system until Fortified Stimulate Yield Enhancer® Plus has been cleared from last sprinkler head. Spray mixture in the chemical supply tank must be continuously agitated, otherwise settling and uneven application may occur.

**B. Solid Set and Hand Move Irrigation Equipment:**

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty-to-forty-five-minute period. Mix desired amount of Fortified Stimulate Yield Enhancer® Plus for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. Provide constant mechanical agitation in the mix tank to ensure that Fortified Stimulate Yield Enhancer® Plus will remain in suspension during the injection cycle. Fortified Stimulate Yield Enhancer® Plus can be injected at the beginning or end of the irrigation cycle or as a separate

application. Stop injection equipment after treatment is completed and continue to operate irrigation system until Fortified Stimulate Yield Enhancer® Plus is cleared from last sprinkler head.

**Safety Devices for Sprinkler Chemigation**

- (1) The systems designated above 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) All pesticide injection pipelines 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.

#### **Systems Connected to Public Water Sources**

- (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 a 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.

#### **Furrow 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) 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 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.

Apply Fortified Stimulate Yield Enhancer® Plus with sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

\*Not for Use in California

#### **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 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.

Apply Fortified Stimulate Yield Enhancer® Plus with sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

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#### **MODE OF ACTION**

Fortified Stimulate Yield Enhancer® Plus is an EPA registered plant growth regulator that has four growth-promoting phytohormone ingredients in a stable formulation. Fortified Stimulate Yield Enhancer® Plus improves plant health and physiology, boosts root growth and plant vigor, and enhances overall plant growth and development by stimulating cell division, cell differentiation and enlargement, nutrient uptake and nutrient utilization so plants can better defend themselves and recover from abiotic stressors. Fortified Stimulate Yield Enhancer® Plus supports hormones within the plant to improve genetic expression. This product helps plants improve hormone balance and sets the foundation for higher yield. It contains the signaling molecules that enable optimal plant functioning, to produce uniform growth and high yielding characteristics.

**MIXING INSTRUCTIONS:** Fortified Stimulate Yield Enhancer® Plus is formulated for in-tank compatibility with most industry fertilizers, herbicides, fungicides and insecticides. Fortified Stimulate Yield Enhancer® Plus is water soluble and suitable for use in conventional liquid application systems including sprinkler irrigation systems. Shake Fortified Stimulate Yield Enhancer® Plus thoroughly and dilute in sufficient water to assure adequate, even coverage without producing excessive runoff. Agitate the spray mixture during application and apply within 12 hours of dilution. Fortified Stimulate Yield Enhancer® Plus can be applied tank mixed with most insecticides, fungicides, herbicides and foliar fertilizers but must be the last addition to the spray mixture. Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures.

#### **APPLICATION INSTRUCTIONS**

Apply Fortified Stimulate Yield Enhancer® Plus (by ground or air) to foliage diluted in 2 to 10 gallons of water per acre (19-94 liters per Hectare). Larger volumes of water may be used if not associated with excessive runoff. For best results, apply in the early morning or late evening. When applying Fortified Stimulate Yield Enhancer® Plus in a band or as a foliar-directed spray, reduce the application rate from the labeled broadcast rate in proportion to the percent of the field surface area covered by the foliar spray, but not below the minimum rate listed in the table.



# VEGETABLES

Crop	No. of Applications	Broadcast Spray		Band Spray		In Seed Furrow		Transplant Water		Spray Timing
		Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	
Beans*	1	8	560	4	280					Between the 3rd trifoliate leaf stage and flower bud formation.
	2-3	4	280	3	210	2-8	140-560			Begin at the 3rd trifoliate leaf stage and then at 7-10 day intervals.
	4-6	3	210	2	140					Begin at the 2nd trifoliate leaf stage and then at 7-14 day intervals.
Broccoli*	3	6	425	4	280	2-8	140-560	2-8	140-560	Begin at the 4-5 leaf stage and then at 10-14 day intervals.
Brussels Sprouts*	3	6	425	4	280	2-8	140-560	2-8	140-560	Begin at the 4-5 leaf stage and then at 10-14 day intervals.
Cabbage*	3	6	425	4	280	2-8	140-560	2-8	140-560	Begin at the 4-5 leaf stage and then at 10-14 day intervals.
Cauliflower*	3	6	425	4	280	2-8	140-560	2-8	140-560	Begin at the 4-5 leaf stage and then at 10-14 day intervals.
Corn*, Sweet*	1	8	560	5	350	2-8	140-560			2-6 leaf stage.
	2 or more	4	280	3	210					Begin at 2-6 leaf stage and then at 7-21 day intervals through the end of tasseling.

\*Not for Use in California

(continued)

# VEGETABLES

Crop	No. of Applications	Broadcast Spray		Band Spray		In Seed Furrow		Transplant Water		Spray Timing
		Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	
Cucumbers*	1	8	560	4	280					Between flower bud initiation and first bloom.
	2-3	4	280	3	210	2-8	140-560	2-8	140-560	Begin at flower bud initiation and then at 7-10 day intervals.
	3-4	4	280	3	210					Begin at transplant, or at the 3-4 leaf stage for direct seeded, and then at 7-10 day intervals.
Lettuce*	3	6	425	4	280	2-8	140-560	2-8	140-560	Begin at the 4-5 leaf stage and then at 10-14 day intervals.
Melons*	1	8	560	4	280					Between flower bud initiation and first bloom.
	2-3	4	280	3	210	2-8	140-560	2-8	140-560	Begin at flower bud initiation and then at 7-10 day intervals.
	4-6	3	210	2	140					Begin 2 weeks after emergence and then at 7-14 day intervals.
Onions*	3	6	425	4	280	2-8	140-560			Begin 2 weeks after emergence and then at 10-14 day intervals.
Peppers*	4-6	4	280	3	210	2-8	140-560	2-8	140-560	Begin at transplant, or at the 3-4 leaf stage for direct seeded, and then at 7-14 day intervals.

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(continued)

# VEGETABLES

Crop	No. of Applications	Broadcast Spray		Band Spray		In Seed Furrow		Transplant Water		Spray Timing
		Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	
Potatoes*	1	16	1,135	8	560	2-8	140-560			Tuber initiation.
	3	8	560	4	280					Begin at stolon formation (8-10 leaf stage) and then at 10-14 day intervals.
Squash*	1	8	560	4	280	2-8	140-560			Between flower bud initiation and first bloom.
	2-3	4	280	3	210					Begin at flower bud initiation and then at 7-10 day intervals.
	4-6	3	210	2	140					Begin 2 weeks after emergence and then at 7-14 day intervals.
Tomatoes* (Eggplant*)	1	8	560	4	280					Between flower bud initiation and first bloom.
	2-3	4	280	3	210	2-8	140-560	2-8	140-560	Begin at flower bud initiation and then at 7-10 day intervals.
	4-6	3	210	2	140					Begin 2 weeks after emergence, or at transplant, and then at 7-14 day intervals.

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### FIELD CROPS

Crop	No. of Applications	Broadcast Spray		Band Spray		In Seed Furrow		Transplant Water		Spray Timing
		Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	Fl oz/A	Ml/Ha	
Alfalfa*	3-4	4	280	4	289					Apply after each cutting
Beets*, sugar*	1	16	1,135	8	560	2-8	140-560			6-8 leaf stage
	2-3	8	560	4	280					Begin at the 2 leaf stage and then at 7-14 day intervals.
Canola*	3	6	425	4	280	2-8	140-560			Begin at the 3-5 leaf stage and then at 10-14 day intervals.
Corn*	1	8	560	5	350	2-8	140-560			2-6 leaf stage.
Cotton*	1	8	560	4	280	2-8	140-560			Between flower initiation and final bloom.
	2-3	4	280	3	210					Early bloom and 7-14 days later.
	3-4	4	280	3	210					Begin at pinhead square and then at 7-10 day intervals.
Peanuts*	4-6	4	280	3	210	2-8	140-560			Begin 30 days after planting and then at 7-14 day intervals.
Rice*	1	8	560							2-5 leaf stage or panicle initiation.
	2	4	280							2-5 leaf stage or panicle initiation.
Sorghum*	1	8	560	5	350	2-8	140-560			2-6 leaf stage.

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(continued)

### FIELD CROPS

Crop	No. of Applications	Broadcast Spray		Band Spray		In Seed Furrow		Transplant Water		Spray Timing
		Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	Fl oz/A	MI/Ha	
Soybeans*	1	8	560	5	350	2-8	140-560			3-7 trifoliate leaf stage (V4-V8).
	2	4	280	3	210					3-7 trifoliate leaf stage (V4-V8) and 10-17 days later.
Tobacco*	2	8	560	5	350			2-8	140-560	1st 40 days after planting 2nd after topping
Tree Nuts* (Almonds*, Cashew*, Chestnuts*, Macadamia*, Pecan*, Pistachio*, Walnut*)	5	4-16								1st application: Petal fall. 2nd application: 4 weeks post petal fall. 3rd application: 8 weeks post petal fall. 4th application: Bud initiation. 5th application: Bud development.
Wheat*, Barley*, Oats*, Rye*	1-2	8	560	6	180	2-8	140-560			Start at tillering in the fall and/or spring and when 2 to 3 leaves form on main stem.

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### SMALL FRUITS, VINES AND TREE FRUITS\*

**Bananas\*:** Apply 4 to 8 fl. oz./A (300 to 600 ml/Ha) in a band around the root mat and repeat every 10 to 14 days for a total of 10 applications.

**Grapes\* (Wine Grape\*, Table Grape\*):** Apply 4 to 16 fl. Oz/A, (300 to 1200 ml/Ha) every two weeks starting at bud break to the beginning of veraison and repeat 2 weeks post-harvest.

**Oranges\*:** Apply Fortified Stimulate Yield Enhancer® Plus at 1 to 2 pints/100 gal (126 ml to 252 ml/100 L) at first bloom and repeat at each flush of new growth.

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**Pineapple\*:** Spray after transplanting with 4 to 8 fl. oz./100 gal (120 to 240 ml/300 L) and repeat every 10 to 14 days or apply in an irrigation system to provide 4 to 8 fl. oz./A (324 to 648 ml/Ha).

**Strawberries\*:** Begin sprays at first bloom at 4 fl oz/A (286 ml/Ha) broadcast or 2 fl oz/A (143 ml/Ha) as band sprays directed at the row. Repeat sprays at 2 to 4 week intervals for a total of 3 to 6 sprays.

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#### **YOUNG TREES AND ORNAMENTALS\***

Shrubs, Established\*: For increased vigor, rapid growth and healthy plant appearance, spray foliage with transplant solution of 1 fl. oz. of Fortified Stimulate Yield Enhancer® Plus /2 gal of water (3.9 ml/L) to point of run-off two to three times per year.

**Flowering Plants (Roses, Azaleas, etc.):\*** 3-4 year old-using stock solution of 1 fl. oz. of Fortified Stimulate Yield Enhancer® Plus /2 gal of water (3.9 ml/L) –Take 4 fl. oz. stock solution in 1 gallon (31.25 ml/L) of water and water in around root zone one time per year, preferably early spring.

**Sod\*:** To improve growth, heavy rooting, broadcast 8 fl. oz./A (585 ml/Ha).

1. To speed up regrowth after harvest, broadcast 4 fl. oz./A (292 ml/Ha).
2. To boost with another 4 fl. oz./A (292 ml/Ha), broadcast six weeks later.

**Turf\*:** For quick "tie down" after laying and to get turf off to a quick start, use Fortified Stimulate Yield Enhancer® Plus as follows:

1. Broadcast 2 fl. oz./5,000 sq. ft. (0.13 ml/sq m) and water in following application.

2. Second application–30 days later–2 fl. oz./5,000 sq. ft. (0.13 ml/sq m) and water in following application.

\*Not for Use in California

NOTICE: FORTIFIED STIMULATE YIELD ENHANCER® PLUS IS NOT A FERTILIZER. USE IN COMBINATION WITH A GOOD FERTILIZER PROGRAM WHERE INDICATED.

#### **GOLF COURSES\***

**Greens\*:** Make an initial treatment with Fortified Stimulate Yield Enhancer® Plus to promote root development and protect against "winter kill" using 2 fl. oz./5,000-7,000 sq. ft. (0.13-0.10 ml/sq m). Thereafter, use 1 fl. oz./green (30 ml) every 30 days.

**Tees\*:** Use Fortified Stimulate Yield Enhancer® Plus at ½ fl. oz./1,200-1,500 sq. ft. (0.13-0.10 ml/sq m) of tee area every 30 days to maintain a healthy mass root growth.

**Fairways\*:** To establish the necessary root growth to fully utilize applied fertilizer, use Fortified Stimulate Yield Enhancer® Plus at 8 fl. oz./A (585 ml/Ha) two times the first year. Thereafter, use 8 fl. oz./A (585 ml/Ha) one to two times a year.

\*Not for Use in California

#### **TRANSPLANTS\***

FORTIFIED STIMULATE YIELD ENHANCER® PLUS MAY BE USED WHEN TRANSPLANTING ORNAMENTALS AND YOUNG TREES FOR A FAST AND HEALTHY START.

Use 1 fl. oz./2 gal (3.9 ml/L) water stock solution as follows: At time of transplanting–

1. Bare (naked) roots - dip or spray with stock solution of 1 fl. oz. of Fortified Stimulate Yield Enhancer® Plus/2 gal of water (3.9 ml/L).
2. Balled plants - spray ball at time of transplant.
3. Mist (not run-off) foliage lightly at time of transplant.
4. Using stock solution, apply 1 gallon Fortified Stimulate Yield Enhancer® Plus in furrow/acre (9.4 L/Ha).

\*Not for Use in California

#### **SEED TREATMENT\***

Fortified Stimulate Yield Enhancer® Plus improves emergence and germination, while boosting early-stage root growth and plant vigor when applied at planting. Use only on seeds for crops listed elsewhere on the label. Do not use treated seed for food, feed or oil purposes. If this product is intended for commercial seed treatment, treated seed must be labeled in accordance with the requirements of the Federal Seed Act and applicable State seed laws. An approved dye must be added to distinguish treated seed and prevent inadvertent use for food, feed, or oil purposes. If this product is intended for "at planting" use, treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of excess treated seed by burial away from streams and bodies of water. A dye is not required.

For crops listed: Apply 2 to 4 fluid ounces per 100 lbs. of seed (1.3 to 2.6 ml per kg). Dilute with water and mist spray on seed while mixing. Do not store seed wet as germination can be reduced if not planted soon after treatment.

\*Not for Use in California

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool place and out of direct sunlight.

**Pesticide Disposal:** To avoid waste, use all of the material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### **Container Handling:**

Nonrefillable container. Do not reuse or refill this container.

For Nonrefillable containers equal to or less than 5 gallons(19 L).

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For Nonrefillable containers greater than 5 gallons(19 L).

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY STATEMENT:** To the fullest extent permitted by law, Stoller Enterprises, Inc. warrants that the product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.



**Manufactured and Guaranteed by:**  
**STOLLER ENTERPRISES, INC.**

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Tel.: 1(713) 461-1493

# FORTIFIED STIMULATE YIELD ENHANCER® PLUS



PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

## PLANT GROWTH PROMOTER

### ACTIVE INGREDIENTS:

Cytokinin (as kinetin) .....	0.009%
Gibberellic Acid .....	0.005%
Indole-3-butyric Acid .....	0.005%
Indole-3-acetic Acid .....	0.005%

**OTHER INGREDIENTS:** ..... 99.976%

**TOTAL:** ..... 100.000%

This product contains: 0.000095 oz (2.7 mg) of cytokinin, 0.000053 oz (1.5 mg) of gibberellic acid, 0.000053 oz (1.5 mg) of indole-3-butyric acid, and 0.000053 oz (1.5 mg) of indole-3-acetic acid per fluid ounce.

## KEEP OUT OF REACH OF CHILDREN CAUTION

See additional Precautionary Statements, First Aid  
and Directions for Use inside booklet

EPA Reg. No. 57538-49    EPA Est. No. 57538-TX-2

Fortified Stimulate Yield Enhancer® Plus boosts plant vigor, promoting strong, uniform emergence, and balanced growth above and below ground.

Rev: 22J21  
Z-FORTSTIMYEP

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

### Personal Protective Equipment

Waterproof gloves are sufficiently chemical-resistant for this product. If you want more options, follow the instructions for category A on an Environmental Protection Agency (EPA) chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride; and
- shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4.6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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. Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.