



Contains Humic Acid

# Smart Start Plus®

## 9-28-3

### GUARANTEED ANALYSIS:

TOTAL NITROGEN (N) .....	9.00%
8.80% Ammoniacal Nitrogen	
0.20% Other Water Soluble Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ) .....	28.00%
SOLUBLE POTASH (K <sub>2</sub> O) .....	3.00%
Boron (B) .....	0.05%
Iron (Fe) .....	0.25%
0.25% Chelated Iron	
Zinc (Zn) .....	0.25%
0.25% Chelated Zinc	

Derived from Ammonium Phosphate, Ammonium Polyphosphate, Monopotassium Phosphate, Tetrapotassium Pyrophosphate, Sodium Borate, Iron Ethylenediaminetetraacetate, Zinc Ethylenediaminetetraacetate.

### ALSO CONTAINS NON-PLANT FOOD INGREDIENT:

0.41% Humic Acid derived from Leonardite.

Weight per gallon: 11.45 lbs. per gallon at 68°F    STORE ABOVE 32°F



### KEEP OUT OF REACH OF CHILDREN WARNING

CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Wash hands thoroughly after handling. Avoid breathing mist, spray or fumes. Use only outdoors or in a well-ventilated area. Specific treatment see First Aid section on this label.

**PERSONAL PROTECTIVE EQUIPMENT:** Wear eye protection, face protection, protective gloves. Take off contaminated clothing and wash before reuse.

**FIRST AID: IF ON SKIN** Wash with plenty of water. If skin irritation occurs: Get medical attention. **IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **IF INHALED** Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor for treatment advice if you feel unwell.

**STORAGE AND DISPOSAL:** **STORAGE** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **DISPOSAL** Dispose of contents / container in accordance with Federal, state, and local regulations.

### DIRECTIONS FOR USE

This product provides readily available plant nutrients to supplement a well-balanced, existing soil fertilization program. A wetting agent, such as Spray Ad 90, should be used when applying SMART START PLUS. This product will lower the pH of the spray solution. SMART START PLUS is compatible with most commonly used pesticides and fungicides. However, a compatibility test is recommended before full scale mixing, if the desired combination has not been used in the past. Do not combine with copper fungicides or other strongly alkaline materials.

### DIRECTIONS FOR DILUTION

Unless otherwise specified, use the rate for each crop and dilute with

water as follows: **Aerial:** 5-30 gallons of water per acre; **Dilute:** 100 plus gallons of water per acre; **Concentrate:** 10-100 gallons of water per acre.

**MIXING INSTRUCTIONS:** Fill tank ½ full of water. Add SMART START PLUS and agitate thoroughly while adding the remaining water.

### FRUIT and NUT CROPS

**ALMONDS, FILBERTS, HAZELNUTS:** Apply 1 gallon after bud swell to popcorn stage, prior to bloom. Repeat 2 weeks after petal fall. Older trees may require an additional application of 3-4 quarts.

**APPLES, PEARS:** Apply 2-4 quarts just prior to bloom and repeat at petal fall. Apply another application of 3-4 quarts 4-5 weeks later. **CAUTION: DO NOT APPLY TO MELROSE APPLES.**

**APRICOTS, CHERRIES, PLUMS, PRUNES, PEACHES, NECTARINES:** Apply 1 gallon after bud swell to popcorn stage, prior to bloom. Repeat 2 weeks after petal fall. Older trees may require an additional application of 3-4 quarts.

**AVOCADOS:** Apply 3-4 quarts just prior to bloom. Make 2 more applications at 4 week intervals.

**BUSHBERRIES** (Boysenberries, Blackberries, Raspberries): Apply 2-3 quarts prior to bloom and repeat at 2 week intervals.

**CITRUS:** Apply 4-6 quarts at bud stage, prior to bloom. Repeat applications of 4-6 quarts as new growth appears. Do not apply in combination with oil sprays.

**GRAPES:** Apply 1-2 quarts when canes reach 8-12 inches in length. Prior to bloom apply 2-3 quarts. \*Apply 3 quarts between shatter and buckshot stage and again 4-6 weeks prior to harvest to aid in sugar content and color. \*Omit second application for those varieties that have tight clusters.

**MELONS:** Apply 2-3 quarts at bud stage prior to bloom. Make 2-3 more applications at 2 week intervals.

**PISTACHIOS, PECANS, WALNUTS:** Apply 3-4 quarts before bloom. Repeat applications of 3-4 quarts every six weeks making the last application 30 days before harvest.

**STRAWBERRIES:** Apply 2-3 quarts prior to bloom and repeat at 2 week intervals throughout the growing season.

### FIELD CROPS

**ALFALFA** (Hay): Apply 3-4 quarts one week after each cutting.

**ALFALFA** (Seed): Apply 3-4 quarts at bud stage prior to bloom. Make 2-3 applications per season using 2-3 quarts at 2-3 week intervals.

**BARLEY, WHEAT, OTHER SMALL GRAINS:** Apply 2-3 quarts prior to or just after tillering. Make a second application just prior to heading to help



# Smart Start Plus<sup>®</sup>

fill out the kernels.

**COTTON:** Apply 1-2 quarts after true leaves appear. Apply 2-3 quarts as first squares appear making 2 more applications at 2 week intervals. **RICE:** Apply 2-3 quarts prior to or shortly after tillering. Repeat applications 1-2 weeks prior to bloom and again 2 weeks after bloom. **CAUTION: DO NOT APPLY AT TIME OF BLOOM.**

**SAFFLOWER:** Apply 2-3 quarts prior to heading out and repeat at 2-3 week intervals.

**SORGHUM:** Apply 2-3 quarts at bud stage prior to bloom. Repeat in 2 weeks. Apply 2-3 quarts as pods begin to fill.

**SOYBEANS:** Apply 2-3 quarts at bud stage prior to bloom. Repeat in 2 weeks. Apply 2-3 quarts as pods begin to fill.

**SUGAR BEETS:** Apply 2-3 quarts at thinning and repeat again in 4 weeks. Apply 2-3 quarts 6 weeks before harvesting to aid in increasing sugar content.

## VEGETABLE CROPS

**ARTICHOKES:** Apply 2-3 quarts at bud stage. Make additional applications of 2 quarts at 2 week intervals.

**BEANS, PEAS:** Apply 2-3 quarts at bud stage, prior to bloom. Make 2 additional applications at 2 week intervals.

**CABBAGE, CAULIFLOWER, BOK CHOY, BROCCOLI, BRUSSEL SPROUTS:** (Direct seed)

—Apply 2 quarts at 4-5 true leaf stage. Apply 2-3 quarts again at bud stage and repeat at 2-3 week intervals. (Transplant)—Apply 1-2 quarts 1-2 weeks after transplanting. Apply 2-3 quarts again at bud stage and repeat at 2-3 week intervals.

**CORN (Field and Sweet):** Apply 2-3 quarts when corn is 2-4 feet tall and repeat after tasseling.

**LETTUCE, SPINACH:** Apply 2-3 quarts after thinning. Repeat at 2-3 week intervals making 3-4 applications per season.

**CELERY:** Apply 2-3 quarts after transplanting. Repeat at 2-3 week intervals making 3-4 applications per season.

**CUCUMBERS, SQUASH:** Apply 2-3 quarts at bud stage and prior to bloom making 2-3 additional applications at 2 week intervals.

**ONIONS, GARLIC:** Apply 2-3 quarts when plants are well established. Repeat at 2-3 week intervals making 3-4 applications per season.

**OTHER VEGETABLE AND ROOT CROPS:** Apply 2-3 quarts at 2-3 week intervals after thinning or when plants are well established making 4 applications per season.

**POTATOES, SWEET POTATOES, YAMS:** Apply 3 quarts when plants are 4-6 inches high. Make 2 more applications at 2 week intervals.

**TOMATOES, PEPPERS (Processed):** Apply 1-2 quarts after stand is established. Apply 2-3 quarts at bud stage prior to bloom and make 2 additional applications at 2 week intervals. (Fresh)—Apply 2-3 quarts at bud stage prior to bloom. Repeat at 10-14 day intervals throughout the growing season. May be added to the transplant water at the rate of 3-5 gallons per acre.

**Warning:** This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, requires notification of potential exposure to substances identified by the State of California as causing cancer, birth defects or other reproductive harm.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

**DISCLAIMER OF WARRANTIES:** Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

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**NET CONTENTS: 2½ GALLONS (9.45 Liters)**



**J. R. SIMPLOT COMPANY**

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