

CHALLENGE

FOLIAR LIQUID PLANT FOOD



8-32-5

GENERAL INFORMATION

CHALLENGE is designed to be used primarily for foliar application and for use on turf crops. It may be used as a starter fertilizer with seed or transplants. It may also be soil applied. CHALLENGE is intended to be a supplement to a regular fertilizer program. Rates on this label are for foliar application. May be applied by ground or air.

CAUTION: KEEP OUT OF REACH OF CHILDREN

If this product gets into eyes, wash with water for 15 minutes. If irritation persists, seek medical attention. If this product gets onto skin, wash immediately with water and seek medical attention for prolonged irritation. Do not induce vomiting if this product is swallowed. Give large amounts of water and seek medical attention. Wear protective goggles and impervious gloves and clothing as appropriate for this or other agricultural sprays.

CONDITIONS OF SALE

Always follow all directions. The manufacturer cannot control weather conditions, methods of application nor the condition of the crop at time of application. Buyer assumes all risks of use, storage or handling of this product when used in a manner inconsistent with label directions

NOTE: It is recommended that all applications should be based on the results of tissue and soil samplings.

CUSTOM AGRICULTURAL FORMULATORS
P.O. BOX 26104, FRESNO, CALIFORNIA 93729

Net Contents: 2.5 Gals. Net Wt: 29.53 Lbs.

03/01

GUARANTEED ANALYSIS:

Total Nitrogen (N)	8.0%
8.0% Ammoniacal Nitrogen	
Available Phosphate (P2O5)	32.0%
Available Potash (K2O)	5.0%
Zinc (Zn)	0.5%
Maximum chlorine not more than	1%

Weight per gal: 11.81 lb. at 68°F Gr/Ltr: 1414 g.
@ 20°C
Derived from: Ammonium Poly Phosphate,
Potassium Tri-Poly Phosphate, Phosphoric Acid,
and Zinc Sulfate

ALSO CONTAINS NON-PLANT FOOD
INGREDIENTS: .25% Organic Acid (Derived from
Leonardite) .Reax Lignosulfonic Acid Kraft Process

DIRECTIONS FOR USE

TURF GRASSES: Apply at 2-8 oz/1000 sq. ft. in adequate water for sufficient coverage.

FIELD CROPS:

Alfalfa (hay): Apply 2 - 4 quarts per acre 5 days after each cutting.

Alfalfa (seed): Apply 3 - 4 quarts at pre-bloom and several more times at 3-week intervals.

Barley, Wheat, Small Grains: Apply 2 - 3 quarts per acre when plant is 10 inches, and again prior to heading out.

Cotton: Apply 2 quarts per acre at first true leaf. Repeat at first square and again at 2-week intervals.

Rice: Apply 2-3 quarts per acre at boot stage and 1-2 weeks prior to bloom. Repeat again 2 weeks after bloom.

Tobacco: Apply 1-2 quarts per acre in transplant water. Apply 1-3 quarts after transplant. Repeat at 2-3 week intervals.

VEGETABLE CROPS:

Artichokes, Beans, Peas, Melons, Squash, Cucumbers, Tomatoes, Peppers: Apply 2 - 4 quarts per acre at bud stage, prior to bloom and then an additional application every 2 weeks.

Cole Crops (Transplant and Direct Seed) : Apply 1 - 2 quarts at 4-6 true leaf stage, 2 - 3 quarts at bud stage, and 2 - 3 quarts at two week intervals.

Corn: Apply 2 - 3 quarts when plant is 21 inches and again prior to tasseling.

Lettuce, Spinach, Celery: Apply 2 - 3 quarts after thinning spinach and lettuce. Apply 2 weeks after celery transplant. Apply again every 2 weeks thereafter.

Potatoes, Yams: Apply 2 - 3 quarts when plants are 6 inches high. Apply two more times at three week intervals.

Soybeans: Apply 2 - 3 quarts at bud stage and repeat again at pod-fill.

Other Vegetable Crops and Root Crops: Apply 2 to 3 quarts per acre every 2 weeks after plants are established.

TREE, VINE, BERRY CROPS:

Apples and Pears: Use 2 to 4 quarts per acre at pre-bloom, petal fall, and once again 3-4 weeks later. Do not apply to Melrose Apples.,

Apricots, Cherries, Almonds, Plums, Peaches, Prunes, Nectarines: Apply 2-4 quarts pre-bloom. Repeat rate after petal fall. A third application may be required.

Citrus: Use 4 to 6 quarts per acre at early bud stage, prior to bloom, and again at early fruit set and at fruit size. Do not combine with oils.

Boysenberries, Blackberries, Cranberries Blueberries, Raspberries: Apply 2 - 3 quarts / acre at pre-bloom and at 2 week intervals thereafter.

Grapes: Apply 1-2 quarts per acre when canes reach 15 -20 inches. Apply another 2 - 3 quarts at pre-bloom buckshot stage and at 4-6 weeks prior to harvest

Pecans, Pistachios, Walnuts: Apply 3-4 quarts per acre at pre-bloom, and again every 4 - 6 weeks until 30 days prior to harvest.

Strawberries: Apply 2 - 3 quarts per acre at 2-week intervals beginning at pre- bloom and continuing throughout the season.