

# CHALLENGE

## 8-32-5

**GUARANTEED ANALYSIS:**  
Total Nitrogen (N).....8.0%  
8.0% Ammoniacal Nitrogen  
Soluble Phosphate (P2O5).....32.0%  
Soluble Potash(K2O).....5.0%  
Zinc(Zn).....0.5%  
Derived from: Ammonium Poly Phosphate,  
Potassium Tri-Poly Phosphate, Phosphoric Acid,  
and Zinc Sulfate

Wt per gal: 11.81 lb@68F      1.42 Kg/Ltr @ 20C

**ALSO CONTAINS NON-PLANT FOOD**  
INGREDIENTS: .25% Humic Acid (Derived from  
Leonardite)

**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.

#### SPECIMAN LABEL



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.

#### 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.

**MANUFACTURED BY:**  
CUSTOM AG FORMULATORS, INC.  
P.O. BOX 26104, FRESNO, CA 93729

Information regarding the contents and levels of  
metals in this product is available by calling (800)  
355-4457.

Net Contents:

Net Wt:

Lot #: