



# Structure<sup>®</sup>

## CONCENTRATED FORMULA

7-21-0

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	7.0%
6.0%.....	Ammoniacal Nitrogen
0.3%.....	Nitrate Nitrogen
0.7%.....	Urea Nitrogen
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	21.0%
Zinc (Zn).....	0.20%
0.20% Water Soluble Zinc (Zn)	

Derived from anhydrous ammonia, urea-ammonium nitrate, phosphoric acid and zinc sulfate.



**WARNING:** Causes eye irritation. May be harmful in contact with skin. Harmful if swallowed. Avoid breathing dust / fume / gas / mist / vapors / spray. Avoid release to the environment. Wear protective gloves and eye / face protection. If eye irritation persists: get medical attention. IF IN EYES: Rinse with water for 15 to 20 minutes. Remove contact lenses, if present, and continue rinsing eyes. IF ON SKIN: Wash with plenty of water for 15 to 20 minutes. If medical advice is needed, have product container or label available. Keep out of reach of children. Read label before use.

Net Contents 5 gallons (18.9 liters), Net Weight 54 Lbs  
10.9 lbs. per gallon (1307 grams/liter) @ 68° F

Net Contents 265 gallons (1003.1 liters), Net Weight 2,862 Lbs  
10.9 lbs. per gallon (1307 grams/liter) @ 68° F

#### DIRECTIONS FOR USE

Structure<sup>®</sup> can be applied to most vegetable and cucurbit crops, field crops, row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. Structure<sup>®</sup> may be used as a pop-up or in-furrow at 1 to 3 gallons per acre. Structure<sup>®</sup> is non-phytotoxic at recommended rates. Mixing with irrigation water for field storage is generally not recommended. Products blended with irrigation water should be used immediately and not stored for prolonged periods.

#### SOIL APPLICATION RATES

Structure<sup>®</sup> may be applied pre-plant, as a starter, side dress, fertigated, top dressed or banded to the soil. Dilute with water (if necessary) to ensure uniform distribution.

**FIELD & ROW CROPS, VEGETABLES & FRUIT CROPS:** Apply 1 to 30 gallons per acre in a surface or sub-surface band. Repeat applications are beneficial. **ORCHARDS & VINEYARDS:** Inject 1 to 30 gallons per acre 3 to 5 inches deep at the drip line, or surface band and water into the soil. Repeat applications may be beneficial.

#### FERTIGATION APPLICATION RATES

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLES & FRUIT CROPS:** Use 1 to 20 gallons per acre per irrigation. Continue irrigation for a minimum of 2 hours after application to flush lines and to maximize nutrient distribution with drip and microsprinkler use. Repeat applications may be beneficial.

**APPLICATION THROUGH DRIP IRRIGATION** - inject after irrigation filter.

#### TRANSPLANT WATER

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLES & FRUIT CROPS:** Use 3-10 gallons per acre, not to exceed a 3% solution of Structure<sup>®</sup> to water.

#### FOLIAR APPLICATION RATES

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLES & FRUIT CROPS:** Apply 1/2 to 4 gallons per acre with enough water for adequate coverage (5 gpa minimum). A maximum concentration of 1:5 Structure<sup>®</sup> to water should be used for foliar applications. May be applied through center pivot irrigation systems. Repeat applications may be beneficial.

#### GENERAL INFORMATION

Structure<sup>®</sup> contains nitrogen, phosphate, and zinc. This combination of nitrogen, phosphate and zinc is intended to stimulate early root development, plant growth and fruit set. Using this product in Actagro<sup>®</sup>'s Soil & Plant Health Technology Solutions<sup>®</sup> program may allow for a reduction in total applied phosphate.

Structure<sup>®</sup> is an effective foliar nutrient when phosphate levels fall below optimum values. Multiple applications may be beneficial. Applications should be made at night or early in the morning.

**CAUTION:** Foliar application of Structure<sup>®</sup> close to harvest may leave a brown residue on the harvestable portion of the crop. Rainfall, sprinkler irrigation or high humidity should alleviate this condition.

**CAUTION:** Always check compatibility with other products prior to use. Do not mix with conventional calcium based fertilizers. Structure<sup>®</sup> is not compatible with conventional products containing the salts of heavy metals.

**WARRANTY:** Since weather, crops, soil and other conditions may vary, neither Actagro<sup>®</sup>, LLC, nor the Seller make a warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

**KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.** In case of contact immediately flush skin, eyes or clothing with plenty of water for at least 15 minutes.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

\*Not all Actagro<sup>®</sup> products are compatible with one another or when mixed with other fertilizers and/or pesticides on the market. A small scale compatibility test is recommended prior to mixing.

#### MIXING INSTRUCTIONS

1. Partially fill tank with water and start agitation.
2. Add pesticides or other nutrients. Structure<sup>®</sup> is compatible with micro nutrients if used at a minimum of 8 parts to 1 part micronutrient.
3. Add Structure<sup>®</sup> to circulating tank mix.
4. Fill tank and agitate thoroughly.

actagro<sup>®</sup>

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