

GENERAL INFORMATION

STRUCTURE[®] contains **Actagro Organic Acids**[®] extracted from leonardite in a patented formulation. These organic acids are then combined with liquid plant nutrients in a patented reaction process.

STRUCTURE[®] contains nitrogen, available phosphate, potash and chelated zinc. This combination of nitrogen, phosphate, potash and zinc is intended to stimulate early root development, plant growth and fruit set. Using this product in a full Actagro fertilization program may allow for a reduction in total applied nitrogen and phosphate.

STRUCTURE[®] may be placed safely 1-2 inches below seeds or directly injected into root system as the product is non-phytotoxic at recommended rates.

STRUCTURE[®] is designed for use in all soil types. It should be concentrated for maximum response. Apply it as a band in the soil or inject it through drip or micro-sprinkler systems. Application rates will vary depending on the crop grown.

STRUCTURE[®] is an effective foliar nutrient when mid or late season phosphate levels fall below optimum values. Multiple applications may be beneficial. Applications should be made at night or early in the morning.

WARRANTY: Since weather, crops, soil and other conditions may vary, neither ACTAGRO, 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>

CAUTION: Always check compatibility with other products prior to use. Do not mix with conventional calcium based fertilizers. **STRUCTURE**[®] is not compatible with conventional products containing the salts of heavy metals.



U.S. PATENT No. 4,786,307, No. 4,769,221 and No. 4,698,090

FORMULATED FOR SOIL APPLICATION, DRIP SYSTEMS AND MICRO SPRINKLERS

GUARANTEED ANALYSIS

Total Nitrogen (N)	7.0%
6.0%	Ammoniacal Nitrogen
0.3%	Nitrate Nitrogen
0.7%	Urea Nitrogen
Available Phosphate (P ₂ O ₅)	21.0%
Soluble Potash (K ₂ O)	1.0%
Zinc (Zn)	0.2%

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

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS
7% ORGANIC ACIDS derived from leonardite.

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

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DIRECTIONS FOR USE

ACTAGRO STRUCTURE[®] can be applied to most vegetable and cucurbit crops, field crops, row crops, deciduous fruit and nut trees, grapes, berries, olives and citrus. Timing and rate of application for each crop is critical for best results.

SOIL APPLICATION RATES

VEGETABLES, CUCURBITS, ROW CROPS, FIELD CROPS: Inject 15 to 30 gallons per acre prior to planting in the soil 2 to 4 inches directly below the seed line. **Alfalfa hay:** dribble 10 gallons per acre. Over newly harvested hay stubble; spray or dribble 8 to 12 gallons per acre. May be applied through center pivot irrigation systems.

DECIDUOUS FRUIT AND NUT TREES, GRAPES, OLIVES AND CITRUS: Inject 10 to 30 gallons per acre 3 to 5 inches deep at the drip line, or surface band and water into the soil.

DRIP IRRIGATION - MICRO SPRINKLER

ALL CROPS: Use 5 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.

TURF: Apply through drip or sprinkler system. Use 1 to 2 quarts per 1000 sq. feet, 3-4 times per season.

FOLIAR APPLICATION RATES

CAUTION: Foliar application of **STRUCTURE**[®] 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.

VEGETABLES, CUCURBITS, COLE CROPS, POTATOES, PEPPERS AND TOMATOES: Use as a supplemental phosphate source prior to mid-season. Additional applications may be necessary. Apply with 15 to 30 gallons of water per acre at rates of 2 to 4 gallons of **STRUCTURE**[®] per acre depending on bed size. May be applied through center pivot irrigation systems.

ALL ROW CROPS, INCLUDING POTATOES: Use 1-5 gallons per acre. Multiple applications may be required. Apply with 5 to 20 gallons of water per acre.

DECIDUOUS FRUIT AND NUT TREES, GRAPES, OLIVES AND CITRUS: Apply 2 to 4 gallons per acre in a minimum of 50 gallons of water.

NOTE: For all crops, the rate of water should be sufficient for thorough coverage. Coverage is dependent on proper droplet size, which is a function of nozzle size and pressure.

Mixing Instructions

ACTAGRO STRUCTURE[®] mixes easily with water as follows:

1. Partially fill tank with water and start agitation.
2. Add pesticides or other nutrients. **STRUCTURE**[®] is compatible with micronutrients if used at a minimum of 8 parts to 1 part micronutrient.
3. Add **STRUCTURE**[®] to circulating tank mix.
4. Fill tank and agitate thoroughly.