

KATALYST®

DIRECTIONS FOR USE

GENERAL INFORMATION

CONCENTRATED FORMULA

GUARANTEED MINIMUM ANALYSIS

0-0-25

Soluble Potash (K ₂ O)	25%
Humic Substances.....	5%

Registration Number 2016090A *Fertilizers Act*

MIXING INSTRUCTIONS

1. Partially fill tank with water and start agitation.
2. Add Katalyst® to circulating tank mix.
3. Add other nutrients or pesticides.
4. Fill tank and agitate thoroughly.

Lot No. _____

Net Weight 24.79 kg (18.9 liters)
1312 grams/liter @ 20° C

Net Weight 12.46 kg (9.5 liters)
1312 grams/liter @ 20° C

Net Weight 1316.1 kg (1003.1 liters)
1312 grams/liter @ 20° C

Katalyst can be applied to most field and row crops, standing forage crops, deciduous fruit and nut trees, grape, berries, and citrus. All foliar applications should be as a dilute spray. May also be applied directly to soils or injected through irrigation systems where water quality is satisfactory to maintain solubility. 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. The following sections provide the recommended application rates. For repeat applications, the user should consult with their local professional agricultural advisor.

Soil Application: Katalyst may be applied pre-plant as a starter, side-dressed, fertigated, top dressed or banded to the soil. Dilute with water if needed to ensure uniform distribution. Katalyst may be used as a pop-up or in-furrow at 2L/hectare to 9L/hectare (1/4 to 1 gallon per acre not to exceed 5lbs/ac N+K2O on low CEC soils).

Field and row crops, forage stands, vegetable and fruit crops: apply 4-40L/hectare (1/2 to 4 gallons per acre) in a surface or sub-surface band. Orchards and vineyards: inject 90 to 270 L/hectare (10 to 30 gallons per acre) 3 to 5 inches deep at the drip line or surface band and water into the soil.

Foliar Applications: Field and row crops; apply 2 to 8 L/hectare (1-4 quarts per acre in enough water for thorough coverage, not to exceed a 2% (v/v) concentration of Katalyst to water. Repeat applications every 2-4 weeks as needed. May be applied through center pivot irrigation systems.

Vegetables and fruit crops, orchards and vineyards: apply 2 to 8 L/hectare (1-4 quarts per acre in enough water for thorough coverage, not to exceed a 2% (v/v) concentration of Katalyst to water. Repeat applications every 2-4 weeks as needed. In grapes apply 2 to 8 L/hectare (1-4 quarts/acre) in enough water not to exceed 1.5 (v/v). Repeat every 2 weeks as needed.

Fertigation application rates: Field and row crops, forage stands, orchards and vineyards, vegetable and fruit crops: Use 6 to 180 L/hectare (1-20 gallons per acres) per irrigation. Continue irrigation for a minimum of 2 hours after application to flush lines and to maximize nutrient distribution with drip and micro-sprinkler used. Application through drip irrigation- inject after irrigation filter.

Transplant water: Field and row crops, orchards and vineyards, vegetable and fruit crops: use 6 to 50 L/hectare (1 to 5 gallons per acre), not to exceed a 3% (v/v) solution of Katalyst to water.

Katalyst® contains potash derived from potassium hydroxide and Humic Substances derived from Leonardite.

CAUTION: Always check compatibility with other products prior to use. Do not mix with conventional products containing the salts of heavy metals. Do not mix with conventional calcium or magnesium fertilizers.

CAUTION: Foliar application of Katalyst® 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.

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.

*Not all Actagro® 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.

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

Warning. Causes eye irritation. Wash thoroughly after handling. 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 advice/attention.

actagro®

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