



SYNSTACKTM RATIO

8-16-8

GUARANTEED ANALYSIS

Total Nitrogen (N).....**8.0%**
 2.93% Ammoniacal Nitrogen
 5.07% Urea Nitrogen

Available Phosphoric Acid (P₂O₅)..... **16.0%**
Soluble Potash (K₂O).....**8.0%**

Derived From: Aqua Ammonia, Urea, Phosphoric Acid and Potassium Hydroxide

ALSO CONTAINS BENEFICIAL SUBSTANCES

5.0% Bacterial Fermentation Media
13.0% Organic Matter

GENERAL INFORMATION

SYNSTACKTM RATIO provides NPK in a readily available format that requires minimal energy for the plant to uptake and convert, allowing the plant to conserve energy for crop development. It is a low salt-index source of potassium and allows the plant to efficiently prepare for a stress event and crop development. It may improve micronutrient uptake and improve the biological structure of the soil through the addition of microbial fermentation media and microbe food sources. SYNSTACKTM RATIO is designed for use as a foliar or soil applied nutrient to correct macronutrient deficiencies and is recommended for use on all soil types. SYNSTACKTM RATIO is intended to be a supplement to a fertility program. Always monitor crop nutrient needs and responses with a soil, leaf tissue and irrigation water analysis program.

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.



WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. www.P65Warnings.ca.gov.

DIRECTIONS FOR USE

SOIL APPLICATIONS

Soil applications may be made through fertigation (sprinklers, microsprinklers, drip, flood or furrow) or sprayed/injected in a band or in transplant solution. When applying this material via a fertigation system, continue to operate the system 30-60 minutes after material has completely injected to flush clean water through the system.

FOLIAR APPLICATIONS

SYNSTACKTM RATIO is a concentrated solution and should be diluted with water before use to ensure uniform coverage. For maximum results, apply in the early morning or in the evening when air temperatures are optimum for foliar application. Do not apply SYNSTACKTM RATIO during the hottest time of the day or to plants under drought or flood stress. DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 2 hours after application, it may be necessary to re-spray in 3 to 4 days.

PRECAUTIONS

AGITATE WELL BEFORE USE. NOT FOR USE IN ORGANIC CROP AND ORGANIC FOOD PRODUCTION.

COMPATIBILITY

This product has a near neutral pH and is compatible with many commonly applied nutrients and crop protection products. Contact an Ultra Gro, LLC representative for a list of compatible mixes. Jar test for compatibility prior to mixing with any pesticides, fertilizers or fertilizer blends. For unfamiliar mixes, an appropriate amount of the final mix should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities.

STORAGE AND SHELF LIFE

Store in a sealed container in a cool dry place, out of direct sunlight. Store at temperatures above 32°F and below 95°F. Use within 36 hours of mixing. Re-seal container after each use.

SUGGESTED APPLICATION RATES

VEGETABLE CROPS Including Beans, Peas, Potatoes, Sweet Corn, Tomatoes, etc:

Aerial: 1 to 3 gallons with at least 10 gallons of water per acre
Foliar: 1 to 6 gallons with at least 50 gallons of water per acre
Soil: 3 to 10 gallons per acre with enough water to provide uniform coverage

FIELD CROPS Including Corn, Dry Beans, Sorghum, Sugarbeets, Sugar Cane, Cotton, etc.

Aerial: 1 to 3 gallons with at least 10 gallons of water per acre
Foliar: 1 to 6 gallons with at least 50 gallons of water per acre
Soil: 5 to 10 gallons per acre with enough water to provide uniform coverage

TREES AND VINES Including Almond, Apple, Apricot, Avocado, Berry, Cherry, Citrus, Grape, Olive, Pear, Peach, Pistachio, Plum, Walnut, etc.:

Aerial: 1 to 3 gallons with at least 10 gallons of water per acre
Foliar: 1 to 6 gallons with at least 50 gallons of water per acre
Soil: 3 to 10 gallons per acre with enough water to provide uniform coverage

LIMITED WARRANTY Manufacturer or seller makes no warranty, whether expressed or implied, concerning the use of this product other than for the purposes indicated on the label. Neither manufacturer nor seller shall be liable for any injury or damage caused by this product due to misuse, mishandling, or any application not specifically described on the label.

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

Always refer to the label on the actual product container before using any Ultra Gro, LLC Products.

SYNSTACKTM is a trademark product of Ultra Gro, LLC, Madera, CA. STATES: CA, AZ, WA REV: 021025

Guaranteed by:
Ultra Gro, LLC
 1043 S. Granada Drive
 Madera, CA 93637 (559) 661-0977

NET CONTENTS:

- 5 gallons (18.93 liters)
 250 gallons (946 liters)

Bulk: _____ gallons, _____ liters

DENSITY: 10.92 pounds per gallon @ 68°F



ULTRA GRO
Ag is LifeTM