

THRIVE® 12-48-8

Water Soluble Plant Food With Micronutrients



COMPATIBILITY: THRIVE® 12-48-8 is compatible with most pesticides commonly used on field crops, fruit, vegetables, turf, and ornamentals. However, a compatibility test is recommended before full scale mixing if the desired combination has not been used in the past. **CAUTION:** Do not use with lime, sulfur, dormant oils, or other highly alkaline spray materials. Add THRIVE® 12-48-8 to spray tank when half full, begin agitation, and add the remaining water. Warm water increases the solubility and dissolving time. Where extremely cold water is used, allow a few extra minutes for dissolving before spraying. Avoid getting on sidewalks and driveways as staining may occur.

FOLIAR SPRAY

ALMONDS, APPLES, APRICOTS, AVOCADOS, BANANAS, CHERRIES, CHESTNUTS, CITRUS, FIGS, FILBERTS, KIWI, MACADAMIA NUTS, MANGOES, NECARINES, PAPAIA, PEACHES, PEARS, PECANS, PLUMS, and WALNUTS: Apply at a rate of 5 to 10 lbs per acre when applying with concentrate sprayers. Apply early in the growing season and whenever supplemental feeding is necessary to improve tree vigor, fruit or nut set, or during adverse weather conditions. It can be applied in combination with almost all insecticide and fungicide programs (except as listed above). For most tree crops, 3 to 5 applications are desirable through the growing season. On many tree crops, late season applications of THRIVE® 12-48-8 will frequently improve tree vigor and increase bud set for the next crop. **CAUTION:** Late season nitrogen sprays applied at that time can delay fruit maturity and reduce fruit color on some varieties. Lower rates of THRIVE® 12-48-8 should be used until fruit is picked.

BLACKBERRIES, BLUEBERRIES, RASPBERRIES, and STRAWBERRIES: Apply at a rate of 5 to 10 lbs per acre on new growth in the spring. Repeat at pre-bloom and 3 weeks later. Use sufficient water for good coverage.

CRANBERRIES: Apply at a rate of 8 to 10 lbs per acre at popcorn stage, at hooking, and again 3 weeks later.

GRAPES: Apply at a rate of 5 to 10 lbs per acre in 100 to 200 gallons of water in ground sprayers, or no less than 10 gallons of water by aerial application. Apply when leaves emerge, pre-bloom, and post-bloom until grapes are 1/4 size.

BARLEY, OATS, RICE, RYE, SUNFLOWERS, and WHEAT: Apply at a rate of 5 to 10 lbs per acre throughout the growing season to stimulate growth and improve vigor. Applications prior to tillering and when 10% of heads are visible are most beneficial.

FIELD CORN, PEANUTS, PINEAPPLES, POPCORN, SORGHUM, SUGAR BEETS, SWEET CORN, and TABLE BEETS: Apply at a rate of 5 to 10 lbs per acre, 1 to 5 times at 7 to 10 day intervals to improve growth and yield. Unfavorable growing conditions may require a higher number of treatments.

POTATOES and SWEET POTATOES: Apply at a rate of 5 to 10 lbs per acre. Begin application after plants are established and have sufficient foliage for spraying. THRIVE® 12-48-8 improves foliage color as well as tuber development even when soil conditions are unfavorable. Potatoes set 71% of their tubers between days 70-100 after planting, so applications at 7 to 10 day intervals during this time period can help carry the plant through adverse soil and temperature conditions.

COTTON: Apply early season to improve seedling vigor and fruiting potential on a 10" to 16" band for four applications; the first 2 applications at 2 to 3 lbs per acre on a 10" band, and the last 2 applications at 2 to 4 lbs per acre on a 16" band. Begin this program upon stand establishment on a 7 to 10 day interval. THRIVE® 12-48-8 may also be used at a rate of 5 to 10 lbs per acre continuing after first flower to increase flowering and to reduce rank growth.

FORAGE and HAY CROPS: In order to stimulate growth and improve plant vigor, apply THRIVE® 12-48-8 at a rate of 8 to 10 lbs per acre when plants have 6" to 8" of new growth. Reapply to new growth after each cutting.

BEANS, CUCUMBERS, LENTILS, MELONS, ONIONS, PEAS, PEPPERS, SQUASH, and TOMATOES: Apply at a rate of 5 to 10 lbs per acre, with first application when plants are 3 to 4 weeks old. Apply at 7 to 10 day intervals or as needed, depending on weather conditions and amount of growth desired. Up to 6 applications may be needed for best results.

BROCCOLI, BRUSSEL SPROUTS, CABBAGE, CAULIFLOWER, CELERY, ENDIVE, KALE, LETTUCE, and SPINACH: Apply THRIVE® 12-48-8 as a starter solution at 3 lbs per 100 gal of water at time of transplanting. For foliar, apply 5 to 10 lbs per acre when plants are established for approximately 3 weeks. Repeat at 7 to 10 day intervals or as needed, depending on weather conditions and amount of growth desired.

ASPARAGUS, CARROTS, and PARSLEY: Use on foliage at higher rates of 10 to 15 lbs per acre, with frequency dependent on the amount of growth desired.

TOBACCO: Apply at a rate of 5 to 10 lbs per acre at 2 week intervals. Frequency depends on weather conditions and color desired.

HOPS and MINT: Apply at a rate of 5 to 10 lbs per acre up to 5 times during the growing season.

ESTABLISHED LAWNS, GOLF GREENS, and TURF: Apply at a rate of 1 lb per 1,000 square feet dissolved in 1 to 3 gallons of water every 7 to 10 days or as needed. Shaded grass requires less plant nutrients than grass grown in full sun.

HYDROSEEDING: Use 1 lb per 1,000 square feet with hydroseeding slurry.

LANDSCAPE SHRUBS and TREES: As a foliar spray or root feeding, use 2 lbs per 100 gal of water.

TRANSPLANTING

Dissolve 2 lbs per 100 gal of water using 1 cup (8 oz) of solution per plant for hand setting. To prepare a slurry, add 1/4 lb to a 3 gal bucket of puddled soil. Transplanting requires about 200 to 300 gal of water per acre, or 10 to 15 lbs of THRIVE® 12-48-8 per acre.

COMMERCIAL GREENHOUSE and NURSERY: As a foliar spray, use at a rate of 2 to 4 lbs per 100 gal of water.

CONTAINER PLANTS, GREENHOUSE CUT FLOWERS, FLATS, and SMALL POTS: Use up to 3 lbs of THRIVE® 12-48-8 per 100 gal of water for intermittent feeding (once every two weeks) or 4 to 8 oz per 100 gal of water for constant feeding.

FRUIT, NUT, and WOODY ORNAMENTALS: Dissolve 4 to 6 lbs in 100 gal of water, or 2.5 standard level tbs per gal, or 2/3 standard level tsp per pt. Use 1 gal of solution to each tree at time of planting. For larger trees and shrubs, use 1 gal of solution for each inch of trunk diameter.

Guaranteed Analysis

12-48-8

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|---------------------------------------------------------------|----------------|
| Total Nitrogen (N) | 12.0% |
| 9.45% Ammoniacal Nitrogen | |
| 2.35% Nitrate Nitrogen | |
| 0.20% Urea Nitrogen | |
| Available Phosphate (P₂O₅) | 48.0% |
| Soluble Potash (K₂O) | 8.0% |
| Boron (B) | 0.02% |
| Copper (Cu) | 0.05% |
| 0.05% Chelated Copper (Cu) | |
| Iron (Fe) | 0.10% |
| 0.10% Chelated Iron (Fe) | |
| Manganese (Mn) | 0.05% |
| 0.05% Chelated Manganese (Mn) | |
| Molybdenum (Mo) | 0.0005% |
| Zinc (Zn) | 0.05% |
| 0.05% Chelated Zinc | |

Derived from potassium nitrate, ammonium phosphate, urea, sodium borate, copper EDTA, iron EDTA, manganese EDTA, sodium molybdate, and zinc EDTA.

General Information

THRIVE® 12-48-8 is a high phosphate fertilizer formulation for use in maximizing phosphate uptake for early season growth, or later in the season for maximum phosphate availability. THRIVE® 12-48-8 is formulated using the highest quality materials for optimum solubility and maximum performance.

General Applications

THRIVE® 12-48-8 may be applied at a rate of 5 to 10 lbs (2.27 to 4.54 kg) per acre as a foliar application as a supplement to normal soil applied fertility program. It may be applied by aircraft at rates as low as 5 lbs (2.27 kg) per 2 gal (3.8 liters) of water per acre. For backpack sprayers, use at a rate of 4 tsp (19.7 ml) per gal (3.8 liters) of water per acre.

STORAGE and DISPOSAL: Store product in the original package. Store in cool, dry facility away from oxidizing agent. Dispose of this bag in an environmentally safe manner as recommended for your area. Do not contaminate water, food, or feed by storage or disposal.

KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Avoid contact with eyes, skin, and clothing. Avoid breathing spray mist. Refer to MSDS for health, safety and environmental information. If Ingested: Give large amounts of water or milk, if conscious. Contact a physician immediately. Eye Contact: Flush eyes with clean water for 15 minutes. Seek medical attention immediately. Skin Contact: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists. If Inhaled: Move to fresh air and seek medical attention if irritation develops or persists. For additional information call **INFOTRAC 800-535-5053**

CAUTION

WARRANTY: CoreAgri warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

NOTICE: Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-coreagri.com>



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Net Weight: 25.0 lbs (11.34 KG) Lot Number: