

# SUSTANE FLOURISH WDF

## 8-2-4 Water Dispersible Fertilizer

Designed for Liquid Application  
Allowed for use in Organic Production Systems

### Guaranteed Analysis

Total Nitrogen (N).....	8%
0.1% Ammoniacal Nitrogen	
0.6% Nitrate Nitrogen	
6.1% Other Water Soluble Nitrogen	
1.2% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2%
Soluble Potash (K <sub>2</sub> O).....	4%
Calcium (Ca) .....	3%
Magnesium (Mg).....	0.5%
0.03% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	1.5%
Iron (Fe).....	0.15%
Derived from hydrolyzed corn protein, feather meal, sodium nitrate, aerobically composted turkey litter, potassium magnesium sulfate, and sulfate of potash.	

### ALSO CONTAINS NONPLANT FOOD INGREDIENTS:

1% Kelp Extract (*Ascophyllum nodosum*)(microbial food)

Store in a cool dry place. Keep out of reach of pets and children.  
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

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### Product Description:

Sustane Flourish Water Dispersible Fertilizer (WDF) 8-2-4 provides a powdered mix of natural & organic nutrients formulated to provide premium nutrition for plants. Can be used for plants grown in soil, soil-less mixes, or in hydroponic systems.

### Direction for Use:

Mix up to 0.04 lb. (18 grams or 2 Tablespoons) of Sustane WDF per gallon of water. Apply to foliage or as a soil drench to existing plants. Applications can be made every 7 to 14 days during the growing season. Provides an immediate release of organic nutrients.

This product can be applied to plants through high volume, wide bore sprayers and piped irrigation lines. This product may be applied to soils as a drench or spray throughout the growing season. Foliar applications to non-edible plants, particularly of turf grass, can also be made. Avoid applying this fertilizer to plant foliage in the late afternoon or when air temperatures are above 85 degrees Fahrenheit.

- Monitor electrical conductivity throughout production.
- Adjust application rate as needed.
- Do not mix with other chemicals or fertilizers prior to use.
- Pre-filtering is required to prevent clogging.
- Flush extensively with water prevent line clogging.

### Commercial Fertigation Systems:

Mix Sustane WDF into water to achieve the desired concentration of dissolved nitrogen. Make sure the EC and pH of the diluted products are within acceptable ranges for the desired crop application before treatment. Caution: Pre-filtering is required to avoid clogging of fertigation lines and drip emitters.

**Low Rate:** 100 ppm - Mix 1 lb. Sustane Flourish WDF 8-2-4 into 100 gallons of water. Recommended for use on salt sensitive species; with a granular fertilization program; with overhead irrigation; with production systems utilizing low leaching fractions (less than 10%); and when applied to heavy potting substrates (total porosity less than 65%).

**Medium Rate:** 200 ppm - Mix 2 lb. Sustane 8-2-4 Flourish WDF in into 100 gallons of water. Recommended for use on most nursery stock and foliage plants.

**High Rate:** 300 ppm - Mix 3 lb. Sustane 8-2-4 Flourish WDF in into 100 gallons of water. Recommended for use on heavy feeding species; with production systems utilizing high leaching fractions (greater than 20%); and when applied to light, porous substrates (total porosity greater than 80%).

**Commercial Farm Sprayers:** Mix 1 to 2 lb. of product per 100 gallons and apply up to 2000 gallons per acre per application. Rinse equipment thoroughly with water and dilute hydrogen peroxide after application to prevent biofilm formation. Caution: Pre-filtering is required to avoid clogging of narrow bore spray lines and nozzles.

**Lawn and landscapes:** 1 lb. of 8-2-4 Flourish WDF will cover up to 500 square feet in a single feeding. Add package contents to hose-end sprayer following the manufacturer's instructions. Adjust rate of application to about 1 tablespoon (9 g) per gallon of water applied. Apply through a hose end sprayer in a crisscross pattern over the desired feeding area to ensure even coverage.

\*DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN. IN MARYLAND, THIS PRODUCT IS PROVIDING NUTRIENTS AS DETERMINED TO BE NECESSARY IN ACCORDANCE WITH A SOIL TEST THAT WAS CONDUCTED BY A LABORATORY IDENTIFIED UNDER 8-803.7 OF THIS ARTICLE AND PERFORMED NO MORE THAN 3 YEARS BEFORE THE APPLICATION.

**Net Wt. 40 lb. (18.14 kg)**

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