

Formula

4-30*8

All P205 Derived from Phosphorous Acid

GENERAL INFORMATION
*Phosphorous acid products are used for supplemental fertilizer treatment. Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or will be used directly by plants, as phosphite ions. As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5. Because of varying conditions over which the manufacturer has no control, including weather, the use of other pesticides and fertilizers and variability within species, it is recommended that the user conduct limited field tests before broad scale use.

COMPATIBILITY
This product should be applied alone, if possible. Do not combine with highly alkaline materials such as lime, sulfur, or dormant spray oils. Spraying concurrently with basic copper should be avoided. However, if it is to be tank mixed, a simple jar test should be conducted to test for compatibility. Mixing with certain other compounds could result in an incompatible mix.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Follow all governmental procedures for the disposal of all spray solutions. Dispose of containers in accordance with local regulations.

CONDITIONS OF SALE
Always follow all directions. The manufacturer cannot control weather conditions, methods of application nor the condition of the crop at time of application. Buyer assumes all risks of use, storage or handling of this product when used in a manner inconsistent with label directions.

4-30*8 GUARANTEED ANALYSIS

Total Nitrogen (N).....	4.0%
4.0% ammoniacal nitrogen	
Total Phosphoric Acid (P ₂ O ₅).....	30.0%
Soluble Potash (K ₂ O).....	8.0%

Derived from phosphorous acid, ammonium hydroxide and potassium hydroxide.
Wt. per gal: 12.62 LBS. @ 68°F 1.51 Kg/L @ 20°C

KEEP OUT OF REACH OF CHILDREN

WARNING



PRECAUTIONARY STATEMENTS

WARNING Hazardous to humans and animals. Causes eye and skin irritations. Ingestion may cause nausea. When mixing or applying agricultural sprays, always wear spray goggles and impervious gloves plus protective clothing as recommended on pesticide labels.

FIRST AID

If this product gets into the eyes, immediately wash the eyes with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower lids. Obtain immediate medical treatment. If this product gets on the skin, immediately wash the contaminated area. Seek medical attention if skin irritation persists. If this product has been swallowed and the person is conscious, immediately give large volumes of water. Do not induce vomiting. Seek immediate medical attention.

APPLICATION INFORMATION

Formula 1 4-30-8 may be applied to crops by all application methods including conventional sprays, drip irrigation, soil application and ariel application. When applied by concentrate or dilute ground sprayers, use with a minimum of 15 gallons of water per acre. When used in aerial applications, use at least 5 gallons of water per acre. Control drift of this or other agricultural sprays. If nitrogen is needed, add ten pounds of low biuret urea to 100 gallons of water.

Phosphite Fertilizer

RATES AND TIMING OF APPLICATION

Beans, Beets, Broccoli, Carrots, Cauliflower, Cucumbers, other Cucurbits, Garlic, Lettuce, Leafy Vegetables, Melons, Onions, Peas, Peppers, Row Crops, Spinach, Strawberries, Tobacco, Tomatoes. Apply Formula 1 4-30-8 at a rate of 2 to 4 pints per acre per application. Apply the first application after transplanting or thinning. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to meet nutritional needs.

Blueberries, Cranberries, Cane Berries: Apply 1 to 4 pints per acre per application, beginning at pre-bloom. Additional applications may be made every 3 to 4 weeks thereafter or as needed.

Citrus and Avocados, Tree Fruit and Nut Crops: Apply 2 to 4 pints per acre per application, beginning at pre-bloom and additional applications at two to four week intervals or as needed to meet nutritional requirements.

Grapes: Apply 1 to 4 pints per acre per application. Apply first application at pre-bloom with subsequent applications at two to four week intervals or as needed to meet nutritional requirements.

Potatoes, Sweet Potatoes and other tuber crops: Apply 1 to 4 pints per acre per application. Apply every eleven to thirty days as needed to meet nutritional requirements.

Turf and Sod apply at 1-3 oz. per 1000 sq. ft. Application may be repeated every 10 - 14 days.

Hops, Grain, Spearmint and Peppermint: Apply 1 to 4 pints per acre per application. First application should be at 3 to 4 inches of new growth. Additional applications may be made every 2 to 4 weeks thereafter or as needed.

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



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