

# MegaPhos™ SP

CONTAINS NON-PLANT FOOD INGREDIENT

*Bacillus megaterium* .....1 X 10<sup>10</sup> cfu/g

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

Net Weight – 2 oz (57 g), 16 oz (456 g) and 12.5 lb



**Intended Uses:** MegaPhos SP is a high concentration of a unique bacteria that solubilizes phosphorus making it more available to some plants.

**Compatibility:** MegaPhos SP can be tank mixed with chemical and fertilizers as well as other biologicals.

## APPLICATION DIRECTIONS:

### For residential use or smaller quantities

**Foliar Spray and Soil Drench:** Use 1-2 teaspoons of product per gallon of water as general dilution. Apply as a foliar spray or soil drench applications.

**Reservoir Application:** Use ½-2 teaspoons per gallon of reservoir. Reapply each time reservoir water is changed.

### Greenhouse/Nursery

**Soil Drench:** Dissolve 1-6 oz per 100 gallons of water and apply to soil as a normal drench (soak pot until growing media is saturated without creating runoff).

**Foliar Spray:** Use 1/2-1 ounce per 10,000 sq ft. Dissolve in water and spray plants until wet to run off. Reapply every 2-12 weeks

**Soil or Soil-less Media Incorporation:** Use 1/2-1 oz per cubic yard of soil or growing media. Blend evenly into growing media via spray, dry blender, or any other appropriate method.

### Outdoor Agriculture Production

**Soil Application:** Apply 1-6 ounces per acre. Apply

MegaPhos SP to the soil as a drench, through irrigation, at transplant or other means to move the product to the plants root system.

Reapply every 1-8 weeks.

**Foliar Application:** Use 1-6 ounces per acre.

Dissolve in appropriate amount of water and apply as a foliar spray to plants leaves until wet to run off. Reapply every 7-28 days.

### Seed Treatment:

Use 10-100 grams per 100 lbs of seed

### In Furrow Application:

Use 1/2-6 oz of MegaPhos SP per acre applied over the seed or as a side dressing during furrow application.

**Hydroponic Systems:** Use 1-6 oz per 100 gallons of tank water. Dissolve into reservoir before, with or after adding nutrients. Reapply MegaPhos SP each time reservoir water is changed.

**Turf:** Apply 8-oz, dissolved in water, for the initial application to the soil. Apply as a foliar spray or soil application. Repeat at 16-oz per acre every 4 weeks throughout the growing season.

**Compost Teas:** Add 1/4 tsp of MegaPhos SP per gallon of final compost tea solution. If creating compost tea, add MegaPhos SP after the process is complete and just prior to application.

**Bed, Field or Row Preparation:** Apply ½ - 2 ounces per acre. Apply MegaPhos SP to the soil during tilling, bed preparation or at any time before, during or after planting or harvesting.

Manufactured and guaranteed by:  
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BLACKSMITH  
BIOSCIENCE



**Crops On Which MegaPhos SP May Be Used:**

<b>Agronomic Field &amp; Row Crops:</b> Buckwheat, corn (all types), cotton, canola, safflower, sunflower, succulent and dry peas, peanuts, soybeans, and other agronomic field and row crops
<b>Alfalfa Hay &amp; Forage:</b> Alfalfa, clover, vetch, trefoil
<b>Cucurbit Vegetables:</b> Cucumbers, melons, gourds, squash, cantaloupe, and other cucurbits
<b>Fruiting Vegetables:</b> Eggplant, sweet peppers, hot peppers, tomatoes, tomatillos and other fruiting vegetables
<b>Herb, Spices &amp; Mints:</b> Sage, rosemary, thyme, peppermint, dill, basil, oregano, medicinal herbs and other herbs and spices
<b>Leafy Vegetables &amp; Cole Crops:</b> Asparagus, broccoli, Brussels sprouts, cabbage, cauliflower, celery, collards, endive, kale, kohlrabi, lettuce, mustard greens, parsley, spinach and other leafy vegetable crops
<b>Legume &amp; Vegetable Crops:</b> Snap and dry beans, lentils, succulent and dry peas, peanuts, soybeans and other legume/vegetable crops
<b>Small Grains:</b> Rye, rice, sorghum, millet and other small grains
<b>Root Tuber &amp; Bulb Crops:</b> Garlic, onions, potatoes, sweet potatoes, carrot, ginger, ginseng, horseradish, turnip, beets, radish and other root-tuber/bulb crops
<b>Berry Crops:</b> Blueberries, blackberry, raspberry, loganberry, huckleberry, gooseberry, elderberry, currant, caneberry and other berry crops, strawberry
<b>Citrus:</b> Orange, grapefruit, lemon, tangerine, tangelo, lime, pummelo and other citrus crops
<b>Corn:</b> Popcorn, seed, sweet and other corn crops

<b>Grape:</b> Wine grapes, table grapes, raisins and other grape crops
<b>Pome Fruit:</b> Apple, crab apple, pear, quince, mayhaw and other pome fruit
<b>Stone Fruit:</b> Apricot, cherry, nectarine, peach, plum, prune and other stone fruit
<b>Tree Nuts:</b> Almond, pistachio, pecan, walnut, filberts and other tree nuts
<b>Tropical Fruits:</b> Avocado, mango, papaya and other tropical fruits
<b>Ornamental Crops and turfgrass:</b> All annual, perennial, trees, shrubs, ornamental grasses, turf grass and lawns of all types
<b>Other Crops:</b> Bananas/ plantains, tobacco, hops, watercress, mushrooms, ginseng, coffee, olives, green leafy plants and all crops grown for seed
<b>Tobacco</b>

**STORAGE AND DISPOSAL**

Storage: Do not store in extremely high temperatures (above 130F).

Disposal: Completely empty container. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Limited Warranty / Disclaimer:** Manufacturer warrants that this product is suited for the labeled use when applied according to label directions. Manufacturer makes no warranty of merchantability. There are no warranties that extend beyond the description on this label and in no event shall manufacturer be liable for any consequential damages.

Expiration Date: 00-00-000