

***OTHER AVAILABLE***

***PRODUCTS:***

Promot—Plant Growth Promoter  
Mycormax—Mycorrhizal Fungi  
BioRepel—Natural Insect Repellent  
Biomin—Micronutrient  
Nutrimins—Micronutrient  
Micro Pak—Micronutrient  
Humax—Humic Acid  
DKP (0-20-25) - Specialty Fertilizer  
Nutri-Aid—Soluble Fertilizer  
Phosgard—Phosphorous Fertilizer

**Distributed By:**

**SYNERGIZER**

***Foliar  
Nutrients***

**JH Biotech, Inc.  
4951 Olivas Park Drive  
Ventura, CA 93003**

**Phone: 805-650-8933  
Fax: 805-650-8942**

**Check out our**

**Website at:**

**[www.jhbiotech.com](http://www.jhbiotech.com)**



© JH Biotech, Inc. 2004



**JH Biotech, Inc.**

***Biotechnologies for  
Safer Agriculture***

## GENERAL INFORMATION

**Synergizers** are stabilized foliar nutrients specially designed to enable crops to reach their balanced nutritional status and hence higher yield.

**Synergizer** can be combined with **Humax**, concentrated liquid humic acid, for increased uptake of nutrients through the leaves and translocation within the plants.

**Synergizer** contains high levels of available nutrients and micronutrients for immediate absorption and utilization by plants. Designed for foliar application, **Synergizer** eliminates the danger of the applied nutrients, especially phosphorus, from being fixed or tied up in the soil.

Application of **Synergizer** at the proper times will result in healthier crops, greater retention of flowers and fruits, and consequently results in higher yield and better quality.

## BENEFITS OF SYNERGIZER

- Easy foliar application
- Readily available nutrients to plants
- Water soluble
- Added micronutrients
- Can be added with Humic Acids

**Synergizer is recommended for use on:** Alfalfa, Almond, Apple, Apricot, Avocado, Barley, Beans, Carrot, Cherry, Citrus, Corn, Cotton, Grapes, Hops, Peach, Pear, Pecan, Pepper, Pistachio, Plum, Potato, Prune, Rice, Sorghum, Soybean, Strawberry, Sugarbeet, Sunflower, Tomato, Vegetable, Walnut and Wheat.

## Synergizer Products

### Foliar Nutrients

Synergizer products are buffered plant nutrients designed for foliar and/or soil applications. They are water soluble and readily available to plants.

### Synergizer 8-32-4

High Phosphorus formulation with micronutrients.

It contains **Humax**, a concentrated liquid humic acid for better uptake of nutrients. This formula contains high phosphorus which stimulates early root formation and growth and gets plants off to a good start. Phosphorus also stimulates blooming and seed development. When **Synergizer 8-32-4** is applied as a foliar spray there is no risk of Phosphorus being tied up or fixed in the soil. Application of **Synergizer 8-32-4** at the proper time, will result in healthier crops and greater retention of flowers and fruits. Consequently, resulting in high yields and better quality.

### Synergizer 0-10-20

Contains phosphorus and a high concentration of water soluble potassium. Potassium aids in the development of stems and leaves and is essential to the formation and translocation of protein starches, sugar, and oil—improving the size and quality of fruit, grains and tubers. Potassium also functions to increase disease resistance and hardiness of the plant and is important in plant water uptake.

### Synergizer 0-0-15

Stabilized water soluble potassium for foliar and/or soil applications.

## DIRECTIONS FOR USE

**Synergizer** is designed for foliar application. Dilute **Synergizer** with at least 20 times of water and apply to the foliage's of plants according to the following recommendations:

**Alfalfa**—2-4 quarts per acre (5-10 liters/hectare) one week after each cutting.

**Almonds, Apricots, Cherries, Hops, Plums, Peaches**—3-4 quarts per acre (7.5-10.0 liters/hectare) after bud swell to popcorn stage, prior to bloom. Older trees may require another application 4-6 weeks later.

**Beans, Peas**—2-3 quarts per acre (5.0-7.5 liters/hectare) at bug stage, prior to bloom. Repeat the application 2 more times in 2 week intervals.

**Citrus**—4-6 quarts per acre (10.0-15 liters/hectare) at bud stage, prior to bloom. When new growth appears, repeat the application 2 times at 2-4 week intervals.

**Cotton**—1-2 quarts per acre (2.5-7.5 liters/hectare) after true leaves appear. Second application should be made at early square at 2-3 quarts per acre (5.0-7.5 liters/hectare). Repeat the application 2 more times at 2 week intervals.

**Rice**—2-3 quarts per acre (5.0-7.5 liters/hectare) at boot stage. Repeat the application prior to and after bloom. **DO NOT APPLY AT TIME OF BLOOM.**

**Potato**—1-2 quarts per acre (2.5-5.0 liters/hectare) at 6-8 leaf stage. 1-3 quarts per acre (2.5-7.5 liters/hectare) at tubers are 1'-2' in diameter (2.54cm-5.08cm). Repeat the application 2 more times in 1-2 week intervals.

**Tomato and Pepper**—1-2 quarts per acre (2.5-5.0 liters/hectare) after stand is established. 1-3 quarts per acre (2.5-7.5 liters/hectare) at bud stage, prior to bloom. Two additional applications at 1-3 quarts per acre (2.5-7.5 liters/hectare) at 2 week intervals.

**Vegetables and Root Crops**—2-3 quarts per acre (5.0-7.5 liters/hectare) at 2 week intervals after thinning or when plants are well established.

**Wheat and Barley**—2-3 quarts per acre (5.0-7.5 liters/hectare) at boot stage. Repeat the application prior to and after bloom. **DO NOT APPLY AT TIMES OF BLOOM.**