# BAICOR® Products for Organic Growing

**PRODUCTS FOR ORGANIC USE** are specially formulated with the concerned grower in mind. Based on years of research and application, BAICOR® products can provide the results that certified growers have come to trust. BAICOR® products may be applied to the soil or in irrigation water in addition to foliar applications.

**PRODUCTS FOR ORGANIC USE** contain a series of selected natural organic compounds which chelate or complex nutrients and keep them in functional form until the plant utilizes them. This protects the nutrients from being tied-up within the plant or precipitation by sulfates, silicates and phosphates. The organic base of all BAICOR® products is used as a food source by both plants and micro-organisms and is completely biodegradable thus reducing ground water contamination.

***THERE IS NO SUBSTITUTE FOR SCIENTIFIC EXPERTISE***

## PRODUCTS FOR ORGANIC USE

### HIGH TIDE™ *0-0-0 WSDA*

High-Tide for organic growing is a high concentrate of Seaweed (Ascophyllum Nodosum).
It contains natural organic acids, amino acids and detergents to enhance uptake and facilitate translocation to cellular sites of activity.

1 U.S. Gallon • Net Weight 8.95 lbs. • 3.78 Liters • 4.36 Kg. • Specific Gravity 1.07 • pH: 4.44

### MICRO-PLENTY™ *2-0-1 (2% Fe, 2% Zn, 2% Mn, 0.1% B, 0.1% Ca) OMRI*

It is an excellent general purpose foliar/soil product when more than one nutrient is deficient. In addition to nitrogen and potassium, MICRO-PLENTY™ has all the essential micronutrients in one package.

1 U.S. Gallon • Net Weight 11.18 lbs. • 3.78 Liters • 5.08 Kg. • Specific Gravity 1.34 • pH: 0.9

### FOLIAR FRIEND® (SURFACTANT AND SOIL PENETRANT) *OMRI*

FOLIAR FRIEND® is a non-ionic organic surfactant, wetting agent and penetrant designed to enhance the spreadability and performance of all foliar applied products. FOLIAR FRIEND® may also be applied on problem soils to assist in penetration of water.

1 U.S. Gallon • Net Weight 8.92 lbs. • 3.78 Liters • 4.05 Kg. • Specific Gravity 1.04 • pH: 4.5

### PLANT STIMULATOR™ (BIO-STIMULANT & WATER BUFFER) *OMRI*

PLANT STIMULATOR™ is composed of natural derivatives from plant extracts including carbohydrates, and organic acids. It is 4 products in 1. *Bio-Stimulant, Water Buffering Agent, Foliar Enhancer and Promotes Microbes in the soil.*

1 U.S. Gallon • Net Weight 9.6 lbs. • 3.78 Liters • 4.36 Kg. • Specific Gravity 1.15 • pH: 1.5

OMRI LISTED For Organic Use

REGISTERED MATERIAL For Use In Organic Agriculture Washington State Dept. of Agriculture

REGISTERED cdfa ORGANIC INPUT MATERIAL

# BAICOR® Products for Organic Growing

## COMPLEXES

### BORON COMPLEX 3.0% (OMRI)
Boron is essential for plant nutrition but is one of the least understood of all plant nutrients. It is involved in the synthesis and/or translocation of sucrose (sugars) in the plant. It is also connected with cell wall stability as with Calcium. In fact, it will help the absorption of Calcium for cell wall development! It is also necessary for the functioning of growth plant hormones.

1 U.S. Gallon • Net Weight 9.22 lbs. • 3.78 Liters • 4.19 Kg. • Specific Gravity 1.1 • pH: 7.2

### MOLYBDENUM COMPLEX 3.0% (WSDA)
All plants require Molybdenum for conversion of nitrates to amino acids and into metabolic compounds, e.g. protein. It is also required by legumes (alfalfa, peas, beans, clover, etc.) for the fixation of nitrogen. Molybdenum is often a forgotten nutrient, although it is essential for growth and development of all plants.

1 U.S. Gallon • Net Weight 8.93 lbs. • 3.78 Liters • 4.06 Kg. • Specific Gravity 1.07 • pH: 6.1

### COBALT COMPLEX 3.0% (WSDA)
Cobalt is part of vitamin B-12 and is essential for all nitrogen fixing plants (peas, beans, alfalfa, etc.) in their symbiotic relationship with nodule bacteria.

1 U.S. Gallon • Net Weight 9.09 lbs. • 3.78 Liters • 4.13 Kg. • Specific Gravity 1.09 • pH: 4.3

### FINALLY™ 2.5-0-3 (WSDA, OMRI & CDFA)
This Product is OMRI approved and contains in addition to nitrogen and potassium Mn, Zn, Cu, B, and sulfur. The nitrogen source is entirely from amino acids. This together with high organic acids provides facilitators, chelators, stabilizing agents, and ready transport through the plant for immediate and later plant nutrition. The amino acids are a mixture of essential amino acids for the plant and are also active biological agents for triggering stress relief in plants (ie. heat, cold, salt, vigorous seedling growth).

1 U.S. Gallon • Net Weight 8.93 lbs. • 3.78 Liters • 4.06 Kg. • Specific Gravity 1.07 • pH: 6.1

## CHELATES

### CALCIUM CHELATE 5.0% (OMRI)
Calcium is taken up through the root tips in the soil. In times of calcium demand by the plant, it may not be able to satisfy its needs by root uptake. This results in internal brown spot for potatoes, blossom end rot in tomatoes, etc. Foliar addition of calcium assures adequate nutrients for membranes, cell wall development and plant structure.

1 U.S. Gallon • Net Weight 10.68 lbs. • 3.78 Liters • 4.85 Kg. • Specific Gravity 1.28 • pH: 0.7

### CHELATED MAGNESIUM 2.5% (OMRI)
Magnesium is an essential part of the chlorophyll molecule, which is critical for photosynthesis. It helps in the formation of amino acids, vitamins and sugars.

1 U.S. Gallon • Net Weight 9.85 lbs. • 3.78 Liters • 4.48 Kg. • Specific Gravity 1.18 • pH: 1.4

### CHELATED COPPER 5.0% (WSDA)
Copper plays a critical role in photosynthesis and is necessary for chlorophyll formation. Copper is a component of several important enzymes within the plant, activates enzymes in respiration processes, and aids amino acid to protein conversions. Copper also contributes to the development of color and flavor in fruits and vegetables.

1 U.S. Gallon • Net Weight 10.1 lbs. • 3.78 Liters • 4.6 Kg. • Specific Gravity 1.21 • pH: 1.6

### CHELATED MANGANESE 5.0% (OMRI)
Manganese is essential for many enzyme activities and helps control plants natural growth regulator levels. It aids in nitrogen, phosphorus and magnesium uptake and utilization by the plant.

1 U.S. Gallon • Net Weight 10.55 lbs. • 3.78 Liters • 4.7 Kg. • Specific Gravity 1.24 • pH: 1.15

### CHELATED IRON 5.0% (OMRI)
Iron is essential for chlorophyll formation. Plants require it for photosynthesis, nitrogen fixation and nitrate reduction. It is an essential activator and component for many enzymes within the cells of plants.

1 U.S. Gallon • Net Weight 10.0 lbs. • 3.78 Liters • 4.53 Kg. • Specific Gravity 1.2 • pH: 1.4

### CHELATED ZINC 5.0% (OMRI)
Zinc is required by plants in high micro-levels for maintaining enzymatic activity and auxin levels. It is involved in the production and use of growth regulators. A deficiency of zinc greatly reduces plant growth and quality of all crops.

1 U.S. Gallon • Net Weight 10.6 lbs. • 3.78 Liters • 4.82 Kg. • Specific Gravity 1.27 • pH: 0.92