

# NBE™

**NBE™** is a unique product that was designed to accelerate growth and development of seedlings. When applied on the seed, growth of the root and shoot is increased significantly in the first 10 days. For germinating seeds, this accelerated growth establishes a larger root mass, provides a shoot that is able to penetrate the soil surface and have a larger leaf surface to initiate a higher photosynthetic rate. This often means the difference for a good or successful crop and could eliminate reseeding under poor soil conditions.

NBE™ regulates the growth both at the germination stage and later growth stages. Foliar applications have been shown to increase crop yield. In addition to the accelerated growth response, treated seeds are more resistant to diseases. This is provided through the presence of natural substances that induce disease resistance to the seedling and plant. This early resistance may help eliminate early rot of the seed and diseases common in seedlings.

NBE™ has been scientifically tested on many crops and plants including wheat, potatoes, sugar beet, corn and grasses. The increase in root mass helps increase nutrient uptake and may help improve drought resistance of the plant.

The seed needs to be wetted with NBE™ before planting or in the seed bed; foliar application is also an effective way of enhancing plant growth.

NBE™ may be diluted 50 to 100 times depending on application procedures. It may be sprayed directly on the seed in the hopper or mixed directly with or applied over the seed.



## GUARANTEED ANALYSIS

Total Nitrogen (N).....	1.0%
1.0% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	1.0%
Soluble Potash (K <sub>2</sub> O).....	1.0%

## Application Rates

### **ADD WATER FIRST TO TANK OR SPRAYER BEFORE ADDING PRODUCT!**

**FOLIAR APPLICATIONS:** Use at least 50 parts water to 1 part BAICOR Fertilizer. Add at least 50 parts of water before introducing product.

**FRUIT, NUT & VINE CROPS:** Including (but not limited to) almonds, hazelnuts, grapes, pecans and walnuts. Apply 1 gallon per acre. **NOTE:** Before applying to pome or stone fruit, consult your qualified and licensed consultant for recommendations.

**FIELD AND VEGETABLE CROPS:** Apply 1 gallon per acre.

**GRAIN CROPS:** Apply 1 gallon per acre at 3-4 leaf stage.

**TURF GRASSES:** Apply 1 - 2 gallons per acre in 50 gallons of water.

**HYDRO SEEDING:** 4 gallons per acre diluted 50 times with water.

**TRANSPLANTING:** Mix 2fl oz of NBE™ per gallon of water that is used for transplanting.

**SPRINKLER IRRIGATION:** Apply 1 - 2 gallons per acre with irrigation water. Use check valve to prevent back flow into water system

**SOIL APPLICATION RATES:** Use at least 50 parts water to 1 part BAICOR fertilizer. Apply directly to seeds unless it has been determined/tested by the consultant or grower before planting or in the seed bed.

**SEED TREATMENT:** 2-4 gallons/acre diluted 50 times with water