

Stress Reducer™

1-2-2

Stress Reducer™ includes molecules in the plant that induce plant defense responses. These include molecules in the plant called elicitors that may be derived from biological or chemical compounds. Generally biotic elicitors trigger plant responses at high concentrations. The duration of protection is variable depending on elicitor, crop type of stress. Research has shown heat, cold, salt, other types of environmental stresses, disease and maintaining a healthy plant are often induced by elicitors for weeks or months. For example low concentrations of elicitors may provide protection for plants to grow in a salty soil that in their absence cannot sustain life.

Benefits of Stress Reducer™

- Stress Reducer™ contains various chemicals (abiotic) Silicon molybdenum, cobalt, zinc, etc., which are known as elicitors.
- Organic Acids and Amino Acids are present to help in the absorption and translocation of nutrients.
- Potassium is present to maintain stomatal control and assist in foliar uptake.
- Chelated micronutrients enhance uptake through the roots and are ideal for dripline systems.
- Elicitors trigger mechanisms within the plant to resist stresses (diseases, environmental: Heat, cold, salinity, etc.).
- Elicitors signal plants to form phytoalexins (low molecular weight compounds that offer plant resistance).
- Elicitors may be added to the plant as a foliar or through root absorption.
- Elicitors are biotic (pathogen origin) or abiotic (heavy metals, antibiotics and detergents). These include NBE® (natural biological extracts), kelp, yucca, cobalt, molybdenum, hydrogen peroxide, etc.

GUARANTEED ANALYSIS

Total Nitrogen(N).....	1.0%
0.65 % Urea Nitrogen	
0.35% NH4	
Available Phosphate (P ₂ O ₅).....	2.0%
Soluble Potash (K ₂ O)	2.0%
Cobalt (Co)	0.002%
0.002% water soluble cobalt (Co)	
Copper (Cu).....	0.05%
0.05% water soluble copper (Cu)	
Iron (Fe)	0.10%
0.10% water soluble iron (Fe)	
Manganese (Mn).....	0.05%
0.05% water soluble manganese (Mg)	
Molybdenum (Mo).....	0.003%
0.003% water soluble molybdenum (Mo)	
Zinc (Zn)	0.05%
0.05% water soluble zinc (Zn)	
Nickel (Ni)	0.01%
0.01% water soluble nickel (Ni)	
Silicon (Si).....	0.01%
0.01% water soluble silicon (Si)	

Application Rates

ADD WATER FIRST TO TANK OR SPRAYER BEFORE ADDING PRODUCT!

AERIAL APPLICATIONS:

Use at least 40 parts water to 1 part of BAICOR® 1-2-2.
Add at least 20 parts water before introducing product.

FOLIAR APPLICATIONS:

Use at least 100 parts water to 1 part BAICOR® 1-2-2.
Add at least 50 parts water before introducing product.

FRUIT, NUT & VINE CROPS:

Including (but not limited to) almonds, hazelnuts, grapes, pecans and walnuts. Apply 1- 2 gallons per acre. **NOTE:** Before applying to pome or stone fruit, consult your qualified and licensed consultant for recommendations.

FIELD AND VEGETABLE CROPS: Apply 2 qt - 1 gallon per acre.

GRAIN CROPS: Apply 2 qt - 1 gallon acre at 3-4 leaf stage.

TURF GRASSES: Apply 1 - 4 quarts per acre.

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 40 parts water to 1 part BAICOR® 1-2-2 Do not apply directly to seeds unless it has been determined/tested by the consultant or grower that it is not harmful or injurious to the seed.

Maintenance Concentration0.5 gal/acre
Beginning stress1. gal/acre
Severe Stress1 - 1.5 gal/acre

1 U.S. Gallon • Net Weight 9.1 lbs.
3.78 Liters • 4.13 Kg.

