

# Flower Power

Improve resilience, enhance nutrition, stimulate root growth and unlock photosynthetic capacity with a versatile liquid fertilizer suitable for all crops.

## PRODUCT BENEFITS:



Provide a source of nutrients to aid plant blooms, recover from stress and increase yield



Stimulates root growth



Enhance crop nutrition



Improves photosynthetic capacity

## TECHNICAL INFORMATION:

### PRODUCT NAME:

Bionautus

### PRODUCT AND FORMULATION TYPE:

Liquid Organic Fertilizer

### APPLICATION METHODS & DOSE RATES:

Broadcast Spray: from 13 fl oz/ac to 40 fl oz/ac

### CONCENTRATION/GUARANTEES:

Aquatic plant extract (*Ascophyllum nodosum*) 100%, Soluble potash (K<sub>2</sub>O) 5%, Total nitrogen (N) 0.1%, Available phosphoric acid (P<sub>2</sub>O<sub>5</sub>) 0.04%, Boron (B) 25 mg/kg, Calcium (Ca) 0.15%, Chlorides (Cl) 0.8%, Iron (Fe) 15 mg/kg, Magnesium (Mg) 0.06%, Manganese (Mn) 5 mg/kg, Sodium (Na) 0.6%, Sulfur (S) 0.3%, Zinc (Zn) 5 mg/kg, Organic Carbon 6%.

### CROPS:

All crops

### AVAILABLE PACKAGING:

2.45 gal (treats approximately 8 acres)  
275 gal (treats 880 acres)

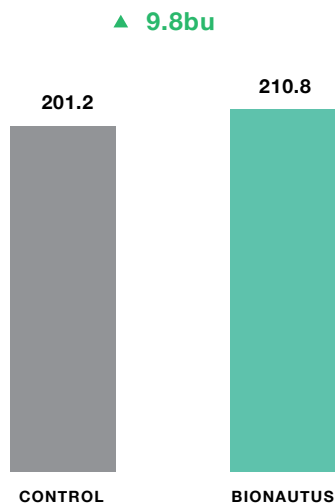
### SHELF LIFE:

24 months at room temperature

## RESULTS AND ROI:

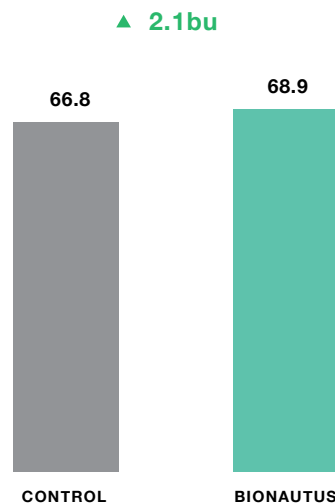
THE FOLLOWING CHARTS WILL SHOW SEVERAL RESULTS, IN SEVERAL CROPS, OF YIELD INCREASES. TRIALS CONDUCTED IN CANADA.

Corn, trials from 2015 to 2022



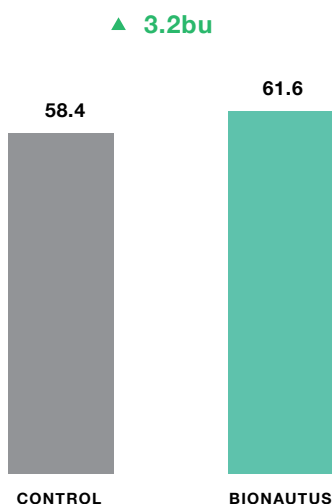
- Application rate: 40 fl oz/ac;
- Single application at VT stage (just before tasseling), tank mixed with fungicide.
- Control also received fungicide at VT.
- Average Yield Increase: 9.8 bu/ac
- Positive yield response in 89% of the trials.

Soybeans, trials from 2013 to 2023



- Application rate: 40 fl oz/ac;
- Single application at R2-R3 stage (flowering), tank mixed with fungicide.
- Control also received fungicide at R2-R3.
- Average Yield Increase: 2.1 bu/ac
- Positive yield response in 81.5% of the trials.

Wheat, trials from 2020 to 2023



- Application rate: 40 fl oz/ac;
- Single application at heading, tank mixed with fungicide.
- Control also received fungicide at heading.
- Average Yield Increase: 3.2 bu/ac
- Positive yield response in 84.6% of the trials.