



# ELITE PHP92<sup>®</sup>

**BIOSTIMULANT**

CVA Elite PHP92 is a new highly concentrated biostimulant for broad acre and row crops. Throughout the season, numerous stressors can chip away at yield. Elite PHP92 can support your yield by priming the plants natural defense systems to help defend crops against adverse conditions such as heat, drought and cold. Elite PHP92 for use in foliar, soil applied, or irrigation applications. Elite PHP92 supports a healthy root system and vegetative growth through key growing stages for better production and profitability.

## Product Benefits:

- Improves root initiation, elongation, and development which increases water use efficiency and facilitates nutrient uptake, speeding up plant establishment.
- Increases nutrient uptake and availability through the chelation effect of mannitol, key polysaccharides (FCP's) and alginic acid
- Supports and activity of beneficial soil microorganisms that help optimize nutrient availability and nodulation in the roots
- Enhance plant performance and recovery by producing antioxidants, betaines, and proline, that reduce the negative effects of environmental stress such as drought, heat, cold, and salinity.
- Regulates stomatal closure in times of drought to reduce water loss and drought induced changes
- Increases photosynthesis and improves the efficiency of plant metabolism to enhance crop quality and yield

## For use on:

Corn | Soybeans | Wheat | Dry Beans | Potatoes | Alfalfa

## Use Rate:

Apply in-furrow: 2 oz/A

Foliar Broadcast: 9 oz/A

## Timing:

**Corn:** In-furrow or banded at planting, apply foliarly to corn from V4-VT

**Soybeans:** In-furrow or banded at planting, foliar application from V4- R3

**Wheat:** In-furrow at planting, at tiller initiation or early boot to early panicle emergence

**Alfalfa, Mixed Hay:** In-furrow, soon after each cutting

**Potatoes:** In-furrow, at tuber initiation in-furrow, and at tuber initiation to 2 weeks after tuber initiation

\*See label for specific rates and timing by crop



## PACKAGING

- 2 x 2.5 gallon jugs
- Mini Bulk Totes  
(See Retailer)

## ACTIVE INGREDIENT

- Derived from *Ascophyllum nodosum*
- Soluble Potash (K<sub>2</sub>O) 7%



Always read and follow product label directions.

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## Tank Mix Compatibility:

- Elite PHP 92 is compatible with most herbicides, fungicides, and insecticides.
- Fully dissolves in water and is suitable for use in foliar, soil applied, and irrigation water applications.
- It works synergistically with your fertilizer program to improve the use of nutrients while maximizing crop potential during unexpected stress.
- When mixing with calcium products, thoroughly mix CVA Elite PHP 92 with water in the tank prior to adding the calcium product.



Control



Treated

**Figure 1:** Corn exhibiting leaf rolling under drought and temperature stress conditions in the untreated (control) plants. The treated corn plants continue to grow through the hot, dry conditions.



Control

Treated

**Figure 2:** Wheat trial 20 days after treatment comparing control versus treated plants with *Ascophyllum nodosum* extract saw an increase in root growth of the treated plants even under reduced nitrogen conditions.



Control

Treated

**Figure 3:** Alfalfa treated with *Ascophyllum nodosum* extract had increased nodulation, active nodules, and root mass.



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