

# BioBuild® C - Green Amino + II



## Stress tolerance product with multiple modes of action.

PCT | Sunrise® BioBuild® C-Green Amino+ II is a seaweed extract fortified with organic acids in combination with amino acids + a soil penetrating agent to help any plant mitigate stress. It can be used in multiple crops as in-furrow/2x2 starter, transplant water solution or as a foliar application along with crop protection products, fertilizer, or other biological products. It is recommended to apply just prior to a stress event or immediately following the event for best activity and faster recovery.

### Amino Acid Benefits in Plants:

Plants have capacity to biosynthesize all amino acids they require from nitrogen, carbon, oxygen, and hydrogen. The biosynthesis of amino acid is complex and energy consuming. As such, the application of amino acids allows the plant to save energy on this process which can be dedicated to improve plant development during critical growth stages or times of stress.

Amino acids are fundamental to a plant for protein synthesis. Naturally produced amino acids synthesized by the plant happen at specific phases of development. These phases include nitrogen mobilization in germinating seeds, nitrogen recycling in vegetative cells in response to stress and nitrogen remobilization during seed embryogenesis. The supplement of amino acids in essential quantities can improve the overall quality of crops leading to improved yield potential.



### Advantages of C-Green Amino+ II:

- ↳ Seaweed extracts are loaded with natural plant-growth hormones such as auxins and cytokinins
- ↳ Organic acids work even better when combined with seaweed extracts. Organic acids hold onto plant-growth hormones in an exchangeable form to amplify their effects on plants
- ↳ Combines seaweed extract fortified with organic acids with amino acids in one application
- ↳ Soil penetrating agent keeps the seaweed extract, organic acids and amino acids in the soil profile available to the plant and not lost through the soil with water leachate
- ↳ Provides stress mitigation to the plant late in the season and under hot/dry or cool/wet conditions
- ↳ Formulated for in-furrow, 2x2 and foliar applications
- ↳ When applied as a foliar application, can be mixed with crop protection, fertilizer or other biological products

### Usage Rate & Application:

- ↳ In-furrow or 2x2: 8 oz/ac
- ↳ Foliar: 32 - 40 oz/ac
- ↳ Soil application works best in-furrow or in transplant water solutions
- ↳ Application use-rate should be increased when applied away from the seed or roots in a below ground application

### Package Size:

- ↳ 2 x 2.5 gal
- ↳ 250 gal tote