



C- Weed AAA is a natural plant growth stimulant obtained by the extraction of both Algae (*Ascophyllum nodosum*) and L-Amino Acids from fermentation of plant materials, generating natural growth promoters. The combination of two highly active components creates a unique biostimulant with multiple application opportunities.

The algal extract is produced from a cool extraction process utilising only *Ascophyllum nodosum* from the Atlantic coast harvested from the intertidal zone.

As it is harvested only during periods of rapid growth, this extraction method ensures that the natural biostimulant anti-stress and growth-enhancing compounds remain intact and are not denatured by heat. The *Ascophyllum nodosum* is hand harvested taking no more than 60% of any plant to ensure it is a renewable resource.

C-Weed AAA typically contains natural auxins, cytokinins and gibberellins along with alginic acid, betaines, mannitol and laminarin. Typically C-Weed AAA contains low levels of NPK, Ca, Mg and Sulphur, along with trace elements Mn, Zn, Fe, B, Cu and Iodine. The amino acid content is in the L- isomeric form more readily utilised by plants, and distinct from the more common R-isomers of amino acids extracted from animal sources. Rich in Glutamic acid, it also contains significant quantities of Aspartic acid, Glycine, Alanine, Proline, Serine and Valine, along with lesser quantities of a further 11 amino acids.

Type:

Biostimulant

Features

- Earlier establishment
- Increased early rooting - Reduction in drought susceptibility.
- Improved tolerance to heat stress
- Overall reduction in abiotic plant stress levels
- Increase in photosynthetic area
- Increased leaf and shoot growth
- Increase in plant carbohydrate production

- Improved sugar content in treated crops
- Improved resistance to disease and pests
- Improved storability of treated crops
- Improved shelf- life of fruits and flowers after a C-Weed AAA programme
- Organic approved product by OF&G

Product Specs:**Appearance:**

Dark brown liquid

Typical analysis:

35% w/v Ascophyllum nodosum concentrate

5% w/v free L amino acids from fermentation of plant materials

Crop Types & Application rates:

C-Weed AAA can be used on all crops and has no statutory Harvest Interval or maximum dosage limit. It will improve both yield and quality.

Use 0.75 to 1 L/ha from seedling to young plant stage.

Use 1L to 1.5 L/ha from the end of vegetative growth post flowering.

Apply in at least 150 L/ha water.

On higher value fruit and salad crops a programme of applications at 10-to-14-day intervals will generate the maximum benefit from C-Weed 50.

Mixing & Spraying:

Use a minimum of 150L/ha of water.

Compatibility:

C-Weed AAA is physically and chemically compatible with a wide range of agrochemical products.

For more information please speak to your distributor, qualified agronomist, or the team at Micromix Plant Health info@micromix.com