

# FLO AminoA<sup>®</sup>

A molecular structure icon consisting of several spheres in grey, red, and blue, representing atoms, connected by lines to form a complex 3D structure.

Unlocking the potential of plants

A new generation amino-acid based biostimulant formulated for use with agrochemicals



[www.aminoa.co.uk](http://www.aminoa.co.uk)

**AminoA FLO** is an easy-to-use liquid natural amino acid complex with an in-built spreading and anti-foam technology to provide optimum plant cover and uptake.

**AminoA FLO** is obtained through enzymatic hydrolysis obtained using high quality, stringently selected sources that guarantee the final product meets the highest quality standards.

**AminoA FLO** meets Aminogram standardisation requirements and contains only fully absorb-able L- $\alpha$  type amino acids.

### **High Nutritional Value**

**AminoA FLO** releases and reinforces different reactions in the plant's metabolism. Its mode of action has a similar effect to that of plant hormones and natural growth regulators.

**AminoA FLO** has also a significant nutritional value which complements the main bio-stimulant effect and provides significant quantities of Nitrogen (N), natural Potassium (K), readily available Iron (Fe) and Magnesium (Mg).

**AminoA FLO** is rich in natural humic and fulvic acids.

### **AminoA FLO stimulates**

- Increased root development
- Improves leaf and bud development
- Stimulates blossom formation and growth of fruit
- Increases resistance to stress by cold, heat, drought, and agrochemical phytotoxicity
- Facilitates and increases nutrient absorption by roots and leaves
- Provokes early and more uniform fruit ripening
- Stimulates mobilisation of Calcium (Ca) in fruit
- Extends fruit preservation after harvest
- Increases Iron (Fe) and Potassium (K) in the plant

### **Improves profits by**

- Increasing yields
- Improving quality (shelf-life)
- Manipulating harvest date
- Improving the efficacy of inputs (Fertilisers, agrochemicals, trace elements)

### **Evidence based results**

**AminoA FLO** has been extensively tested in independent field and laboratory trials.

# AminoA FLO



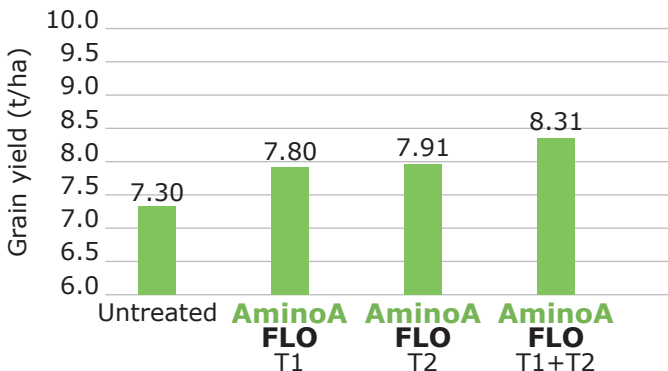
## Key features

- Suitable for all crops and grasses
- Increased resistance to stress conditions means better outcomes
- Improves yields at reduced agrochemical rates
- Formulated for use in tank mixtures with other agrochemicals and fertilisers
- Improved efficacy of inputs means reduction in agrochemical use

Crop	AminoA FLO application timing	Water litre/ha	Dose rates litre/ha
Vegetables	From transplanting to harvest	100-1000	2-5
Fruits	From bud burst to harvest. (Also post harvest)	250-500	2-5
Flowers	During early development and before flowering	250-500	2-5
Potatoes	From early rosette stage to end of flowering	100-500	2-5
Asparagus	Make regular applications post harvest	500-1000	2-5
Vineyards	From budding until graphs are pea sized. Only apply later through fertigation)	500-1000	2-5
Cereals	From 1-2 leaf to end-flowering. For protein enhancement boots swollen mid-flowering	100-200	1-5
Maize	From emergence on Growth Stage V7 is the key target	100-200	2-5
Winter OSR	From emergence to end of flowering	100-200	1-5
Sugar Beet	From GS12, 2 leaves on	100-300	2-5

## Stress relief

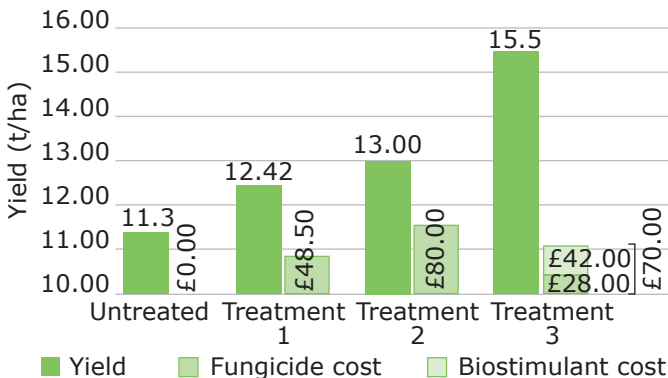
Winter Wheat variety AminoA FLO on the grain yield JB Diego 2018 trial light soil stress



**AminoA FLO** helps crops overcome the effects of abiotic and biotic stress.

## Interaction with agrochemicals

Winter Wheat fungicide interaction trial Cirencester UK 2021



**AminoA FLO** is formulated to tank mix with agrochemicals\* which can lead to improved efficacy and uptake allowing lower application rates to be used.

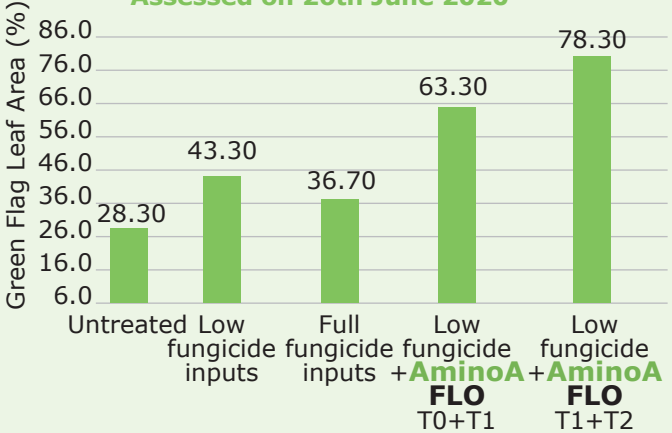
### Environmental friendly

**AminoA Biostimulants** are safe to handle, are a food source for soil micro-organisms and leave no pesticide residues.



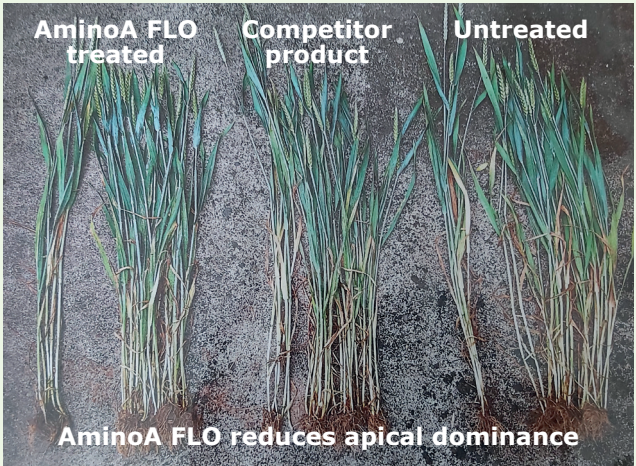
## Improves green leaf area

**Trial WW20-9203 Effect of AminoA FLO on the green flag leaf area of winter wheat (Skyfall) at Cirencester 2019-2020 Assessed on 26th June 2020**



## Improves nutrient flow through the plant

**Winter Wheat trial France 2018**



**AminoA FLO** is highly active in the phloem and improves nutrient flow through the plant. This reduces apical dominance and improves calcium mobilisation which reduces problems such as IBS (internal brown spot) in potatoes and blossom end rot in tomatoes.



**Competitor product**

**AminoA FLO**

**Control**

**AminoA FLO** builds better structured plants as illustrated by these sunflowers.

### Applications

- Apply AminoA FLO when the crop is at its most active: at transplanting, flowering, formation and ripening of fruit. It is also advisable to apply in stressful situations.
- Standard Application Rate
- Apply at 2.5 L per ha in a minimum of 100L water

\*Do not mix with ALS inhibitor herbicides as their mode of action is to inhibit the enzyme responsible for biosynthesis of branch chain amino-acids, however applications 5 -7 days after the application of these herbicides has been shown to improve their effectiveness.



To find out how our products improve your crop performance email [enquiries@aminoa.co.uk](mailto:enquiries@aminoa.co.uk)



or call **01633 894300** to speak to our technical team, or call the UK office **+44 1633 894300**.



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