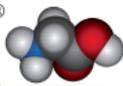


STAART AminoA[®]



THE ROOT OF CROP NUTRITION

Get your crops off
to a flying **STAART**



A new seed treatment combining a broad spectrum of L-isomer amino-acids, natural enzymes, fulvic and humic acids.



www.aminoa.co.uk

AminoA STAART contains a complex of 18 L-isomer amino-acids

- Essential for early growth and development
- Which increases the plants resistance to abiotic and biotic stress
- **Natural Enzymes** and phytohormones responsible for ensuring fast germination and liberating phosphate from the soil and making it available to the root tip

Fulvic and Humic acid

- Natural growth stimulants

Phosphate and Potash

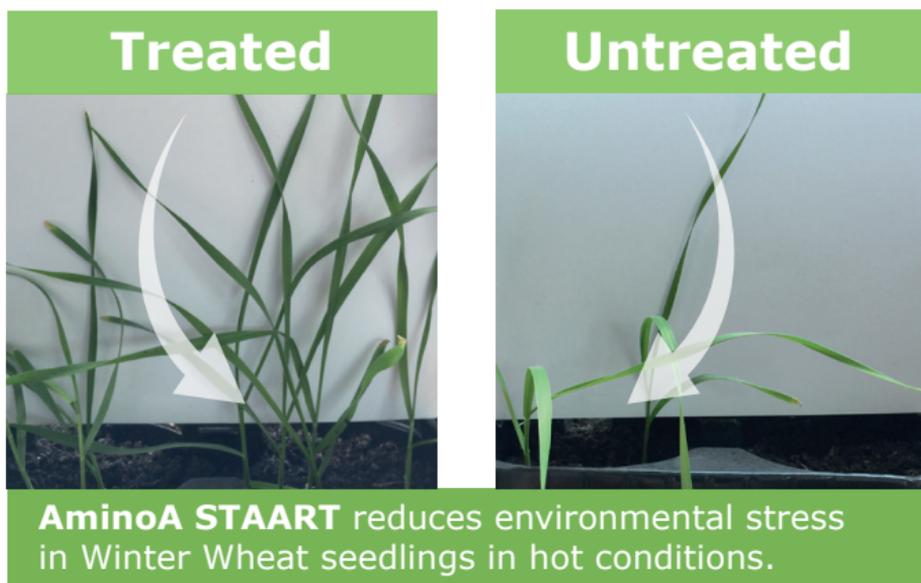
- Essential elements for root and cell wall development

AminoA STAART has a pH of 6.5 which enables efficient nutrient uptake

AminoA STAART treated seed performs better

- Maximising early crop vigour and emergence
- Increasing uptake of available nutrients
- Reducing the phytotoxicity of chemical seed treatments
- Increasing yields and profit
- Is not harmful to soil micro-biology or operators
- Protection against abiotic stress
- May be combined with fungicidal and insecticidal seed dressings
- Reduces the overall pesticide requirement of the crop

AminoA STAART reduces stress





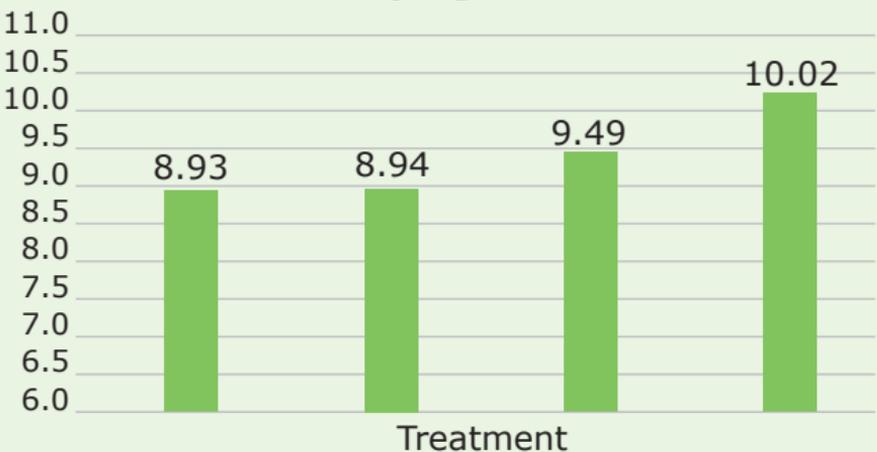
AminoA STAART applications thicken stem walls

AminoA STAART seed treatment has been demonstrated to improve yields, thicken stem walls and the diameter of the xylem and phloem, which enable the plant to reduce stress through transpiration losses and enhance nutrient flow.

AminoA STAART delivers in a wide range of growing conditions

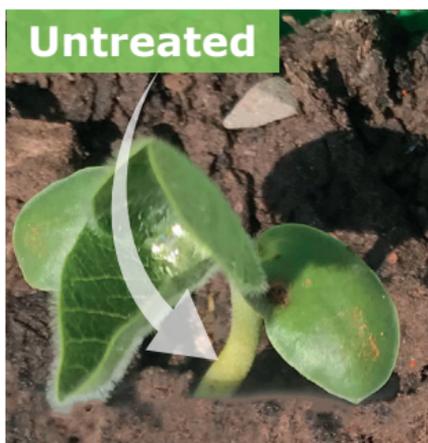
Scottish Agronomy Ltd

Central spring barley (var. Laureate) AminoA STAART programme trial 2021

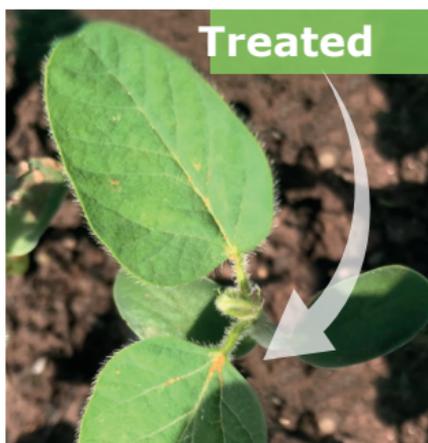


8.93 RL trials - untreated - no fungicide
8.94 RL trials - treated - high fungicide input
9.49 Control - medium fungicide input
10.02 **AminoA STAART** - medium fungicide input
AminoA STAART seed treatment

- **PGRO Sp Beans trial + 890 kg ha**
- **Scottish Agronomy 2020 Sp Barley + 520 kg ha**
- **Scottish Agronomy 2021 Sp Barley (0N) +330 kg ha**
- **PGRO Peas 2022 + 27% more pods + 22% nodes**



Untreated



Treated

AminoA STAART untreated Soya Beans variety Siverka showing stress in 30°C

AminoA STAART increases yield

In fully replicated trials in **Sugar Beet** **AminoA STAART** has been demonstrated to **improve yields** by up to 9 tonne per hectare

DEBO	
Sugar Beet yield per hectare	Sugar yield per hectare (tonnes)
AminoA 73,5	AminoA 12,7
71,8	12,5
68,1	11,9
68,1	11,9
67,7	11,8
67,5	11,8
66,6	11,6
66,4	11,6
66,3	11,6
66,3	11,6
65,9	11,5
65,4	11,3
64,9	Standard 11,3
Standard 64,6	11,3
63,3	11,1

Other trial formulations

Major seed company standard product



Treated



Untreated

AminoA STAART Sugar Beet trial

AminoA STAART improves rooting and growth

Untreated

Treated



AminoA STAART improves rooting

AminoA STAART Oil Seed Rape field trial



Treated

Untreated





Plant roots grow continuously to expand behind the root cap.

AminoA STAART encourages vigorous root development

Environmental benefits



- Improves the efficiency of other agrochemicals and fertilisers potentially reducing the amount applied.
- Is beneficial to soil and plant micro-organisms.
- Safe for the environment and user.

Application rate

- Apply **AminoA STAART** undiluted to all seeds to achieve even coating and maximum seed loading
- Typical application rate in Cereals 3 litres per tonne. Legumes 5 litres per tonne



AminoA STAART is fully approved for use in Organic agriculture by OF&G please contact www.aminoa.co.uk for more information. enquiries@aminoa.co.uk



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



AminoA Biostimulants Ltd

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