

PURE BIOSTIMULANT

STATUS

**Increases crop nutrient use
efficiency and combats
abiotic stress**



INTRACROP
SCIENCE LED AGRONOMY DRIVEN

PROVEN PATENTED PERFORMANCE

STATUS

Status combines the benefits of two powerful plant biostimulants, MTU and pidolic acid. It increases crop nutrient use efficiency, and combats abiotic stress.

MTU is a new plant phytohormone which helps create longer growth periods. It provides protection from stress, creating larger plants and potentially less nutrient loss per unit fertiliser applied (Source: USDA & EPA Next Gen Fertiliser Challenge award citation).

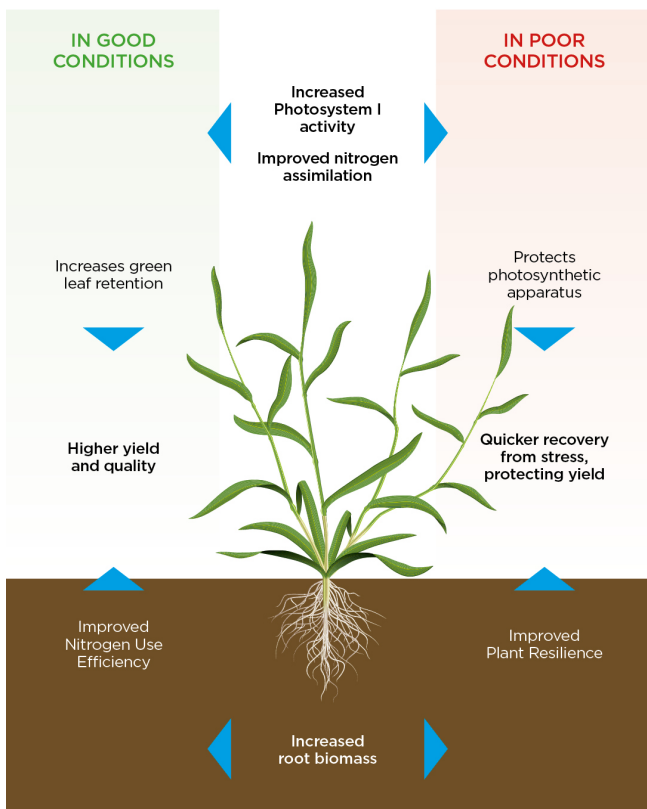
- Increases photosynthetic pigment levels within photosystem I
- Reduces the effects of abiotic stress on the plant
- Retains green leaf area
- Stimulates increased root growth
- Enhances nutrient use efficiency.

Pidolic acid is a signalling compound at the heart of the nitrogen assimilation cycle. It benefits plant growth under both normal and stressed conditions.

- In healthy plants, increases amino acid synthesis and protein production
- In poor conditions, a lack of pidolic acid signals to the plant it is under stress. Respiration is prioritised, growth slows and toxic ammonia accumulates, causing leaf yellowing
- Applying additional pidolic acid will allow growth to continue during short periods of stressful weather.

Analysis		g/l
MTU (1-(2-methoxyethyl)-3-(1,2,3-thiadiazol-5-yl) urea)		2
Pidolic acid		320
Dose rate:	0.2 – 0.25 l/ha	
Pack size:	1L (12 x 1L per box, 480L per pallet)	

Function	Pidolic Acid	MTU	STATUS
Increase chlorophyll	*(*)	***	*****
Green leaf retention	**	***	*****
Nitrogen assimilation	***	**	*****
Root development	*	**	***
Shoot growth	***	***	*****
Oxidative stress reduction		***	***
Reduction in abiotic stress (drought, heat, salinity)	**	***	*****



Cereals

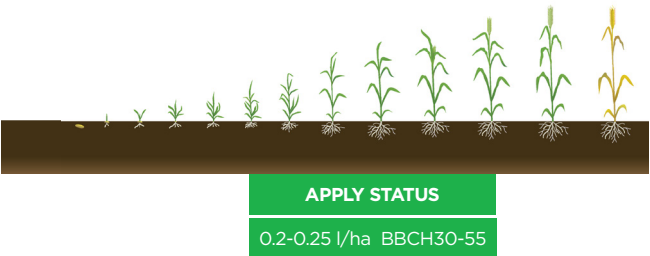
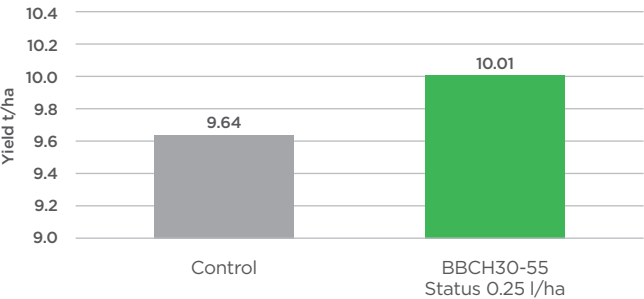


Dose rate:	0.2-0.25 l/ha BBCH30-55
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A flexible spring treatment from BBCH 30 to BBCH 55, readily compatible with a wide range of plant protection products. Trials show that early application timing is preferable.

Winter wheat (cv Graham) UK 2021

Mean of 4 replicates. LSD 0.22t/ha, cv 1.22%



Maize

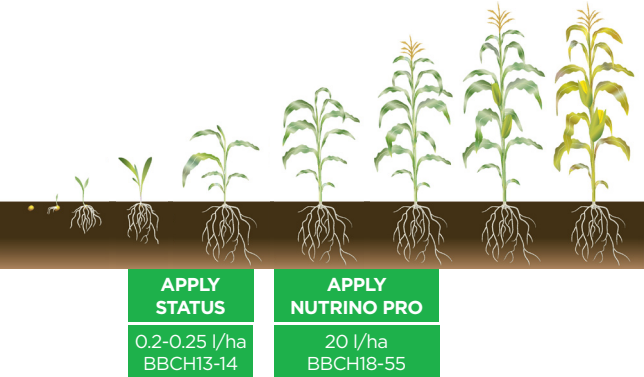
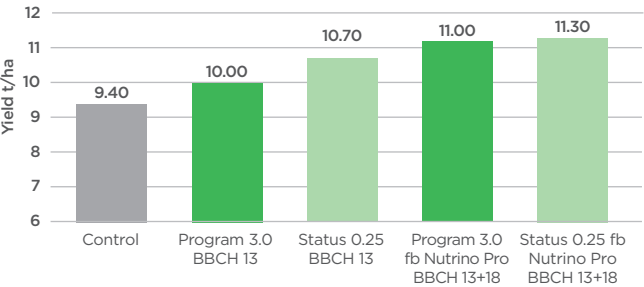


Dose rate:	0.2-0.25 l/ha BBCH13-14
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Ideal application at T1 (BBCH 13-14), may be used in combination with post emergence herbicides, and should be sequenced with Nutrino Pro.

Grain maize (cv Farmfire) Poland 2021

Mean of 4 replicates. LSD 1.29/ha, cv 8.43%



Oilseed Rape

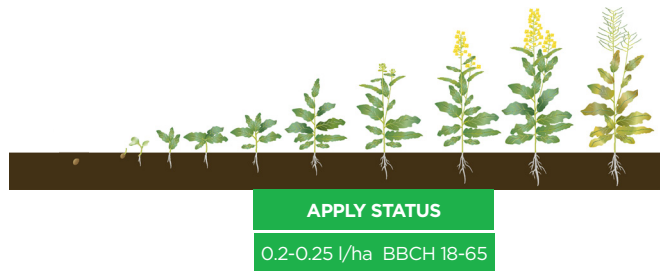
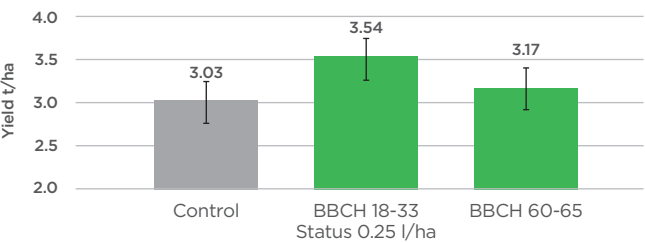


Dose rate:	0.2-0.25 l/ha BBCH18-65
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A flexible treatment from BBCH 18–65.
There was an extended cold dry spring in 2021 in the UK corresponding to the stem extension timing. Trials show that application at the onset of stem extension (BBCH 18-33) is favourable.

Winter OSR (cv Aspire) UK 2021

Mean of 4 replicates. LSD 0.32t/ha, cv 6.52%



Sunflower

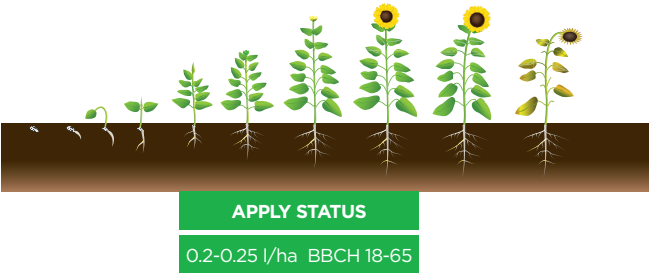
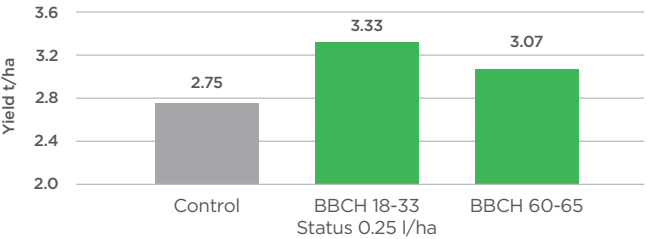


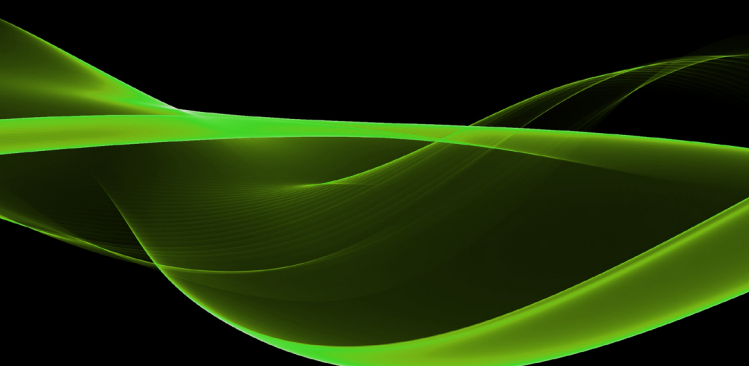
Dose rate:	0.2-0.25 l/ha BBCH18-65
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A flexible treatment from BBCH 18–65. As with oilseed rape the earlier timing ahead of rapid growth (which creates biotic stress) gave the best response.

Sunflower (cv Bacardi) Hungary 2020

Mean of 4 replicates. LSD 0.7t/ha, cv 15.8%





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