



aphasol⁷⁰¹
POTATOES

Nutrient science by Damaco Group

Aphasol™ biostimulants

Fostering the future of agriculture

Liquid organic biostimulant

Hydrolysed proteins using animal by-products from category 3 material according to EG (VO) 1069/2009



Increased yield



Improved stress tolerance and recovery



A better quality product

When to use Aphasol⁷⁰¹ ?

Use Aphasol⁷⁰¹ during the early stages of plant growth and before/during situations of abiotic stress.

How does Aphasol⁷⁰¹ work ?

Aphasol⁷⁰¹ contains 19 amino acids, primarily low molecular peptides and free amino acids, including glutamate, proline and cysteine.

Application of Aphasol⁷⁰¹ results in better root development and a better transportation of nutrients to those parts of the plant where they are needed. The plant also absorbs nutrients better and uses the available nutrients more efficiently.

Especially during moments of abiotic stress (heat, drought, salt,...), the amino acids in Aphasol⁷⁰¹ will act as precursors for crucial survival mechanisms. With additional foliar spray during periods of stress, the plant saves time and energy and can recover more quickly.

Aphasol⁷⁰¹ application and recommended dosage

Aphasol⁷⁰¹ is a foliar application. The product is soluble in water and can be applied in combination with most common fertilisers or pesticides. 3-5 l Aphasol⁷⁰¹ is to be mixed with 150 l water.

Apply 4 to 5 doses – 3l/ha/dose, with first dose 10-12 days before flowering, second dose at start of flowering and following doses every 10-12 days. In the event of significant stress, the dose can be increased.

Parameters

Total nitrogen (N): min 8% (100 g/l)

Amino acids and peptides: min 25%

pH: 7.0 – 8.0

Density: 1.1 – 1.3 kg/l

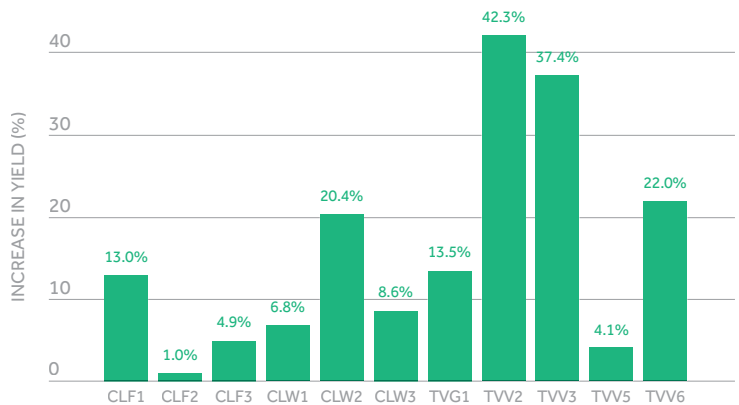


Aphasol™ is a brand of the Damaco Group
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Aphasol⁷⁰¹ results

- Average increase in yield of 15.8% across different commercial field and controlled environment tests
- More large-calibre potatoes for french fries types
- Unchanged dry matter percentage
- Sampling and analysis methodology in collaboration with Ghent University

Detailed results available upon request



- CLF1** Commercial test on Amany* | Carvin – France – 2021
- CLF2** Commercial test on Amany* | Radinghem – France – 2021
- CLF3** Commercial test on Amany* | Weppes – France – 2021
- CLW1** Commercial test on Amany* | Frameries Raches – Belgium – 2021
- CLW2** Commercial test on Amany* | Frameries Acqueduc – Belgium – 2021
- CLW3** Commercial test on Amany* | Frameries Terryn – Belgium – 2021
- TVG1** Randomized block design test with 4 replications by Ghent University | Bottelare - Belgium - 2019 | at 70% of control fertilisation
- TVV2** Commercial test on Artemis* | Knokke – Belgium – 2021
- TVV3** Commercial test on Innovator* | Knokke – Belgium – 2021
- TVV5** Commercial test on Challenger* | Croix-Fonsomme – France – 2021
- TVV6** Commercial test on Fontane* | Aubigny-aux-Kaisnes – France – Belgium – 2021

* Aphasol⁷⁰¹ applied on 50% of the test field area

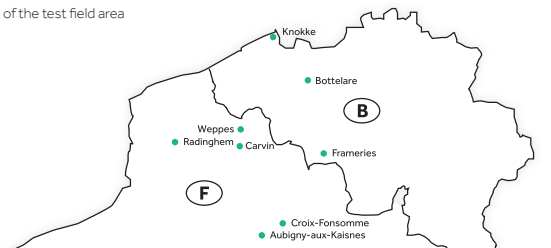


ILLUSTRATION OF CALIBRE SIZE



Control



Aphasol⁷⁰¹