



**aphasol** <sup>703</sup>  
ONIONS/SHALLOTS

Nutrient science by Damaco Group

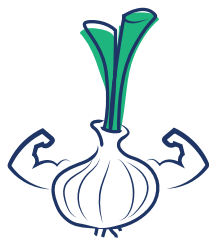
# Aphasol™ biostimulants Fostering the future of agriculture

**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 Aphasol<sup>702</sup> ?

Use Aphasol<sup>702</sup> during the early stages of plant growth and before/during situations of abiotic stress.

## How does Aphasol<sup>702</sup> work ?

Aphasol<sup>702</sup> contains 19 amino acids, primarily low molecular peptides and free amino acids, including glutamate, proline and cysteine.

Application of Aphasol<sup>702</sup> 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 Aphasol<sup>702</sup> 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.

## Aphasol<sup>702</sup> application and recommended dosage

Aphasol<sup>702</sup> 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 Aphasol<sup>702</sup> is to be mixed with 150 l water.

Apply 4 doses of 3.5l/ha every 15 days with first dose at bulb initiation. 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<sup>703</sup> test results

- Increase in yield of 12.3%
- More large-calibre onions resulting in lower processing (peeling) costs
- Unchanged dry matter percentage
- Sampling and analysis methodology in collaboration with Ghent Universit

Detailed results available upon request

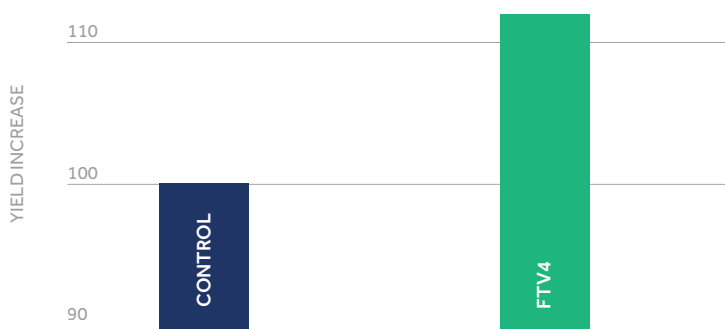


ILLUSTRATION OF CALIBRE SIZE SHALLOTS



**FTV4:** Commercial test on 20 ha onion\* | Westkapelle – Belgium – 2021

\* Aphasol<sup>703</sup> applied on 50% of the test field area

