



## NEW AMINO ACID PRODUCT OFFERS TARGETED ACTION

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A NEW biostimulant for cereal crops and oilseed rape that offers a refined formulation of amino acids is now available from Arysta LifeScience UK & Ireland.

Recognising a plant's requirement for amino acids varies during the season, and that not all amino acids serve the same purpose, Ary-Amin™ C has a higher loading of specific amino acids in its formulation.

Applying this refined approach means that the amino acids in Ary-Amin C are specifically aimed at improving a crop's green area index and chlorophyll formation, and can also improve stem strength, reducing the risk of breakage.

Arysta LifeScience Product Development & Technical Manager for UK & Ireland, Don Pendergrast said: "Plants need a continuous supply of amino acids, known as the 'building blocks of protein', to be able to grow. If a plant doesn't need to create all its own amino acids, it will be able to better utilise its resources and improve its energy usage.

"What makes Ary-Amin C different from other amino acid products is it offers a tailored formulation. When it comes to cereal crops, this means being specifically aimed at the period from the beginning of stem elongation through to grain filling.

"This is when the plant has highest energy demand as it's growing rapidly through the extension of the stem, and also trying to produce as many grain receptor sites as possible.

"For oilseed rape, application from first leaf will encourage early foliar growth when the plant is trying to establish. Trials last autumn showed that amino acids can help accelerate leaf expansion, which can reduce grazing on young leaves by pests such as cabbage stem flea beetle.

"Later applications help to improve the plant architecture and encourage a good pod set."

Ary-Amin consists of seven different amino acids including glycine, proline, aspartic acid and glutamic acid. Glycine is a precursor of chlorophyll and aids photosynthesis, whereas proline is essential for overcoming stresses such as temperature changes, including later frosts and heat stress, that can damage cell integrity and reduce plant resilience.

Mr Pendergrast added: "Following years of research and product development, we have been able to create a range of advanced biostimulant products that target the specific problems that growers face during the reproductive phase of the plant, rather than one-size-fits-all.

"We hope that this clarity of positioning will help growers to make informed decisions that enhance their existing crop protection programmes."

### For further information:

Visit [www.arystalifescience.co.uk](http://www.arystalifescience.co.uk) or e-mail [ukenquiries@arysta.com](mailto:ukenquiries@arysta.com)



Arysta LifeScience is now part of UPL, creating a new leader in global agriculture.