

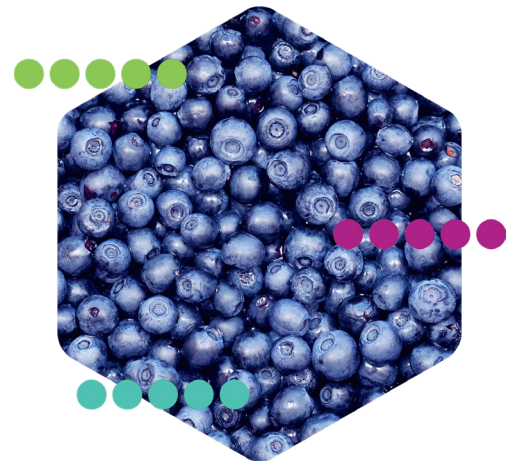


Yaarn™



Yaarn enhances plant biological processes in response to abiotic stress and to improve crop quality and yield. The combination of hydrolysed proteins, peptides and amino acids have a diverse range of actions which include stimulating chlorophyll synthesis and boosting plant metabolism.

Yaarn is an innovative liquid formulation, containing a mixture of hydrolysed proteins, peptides and amino acids, naturally derived from sheep wool.



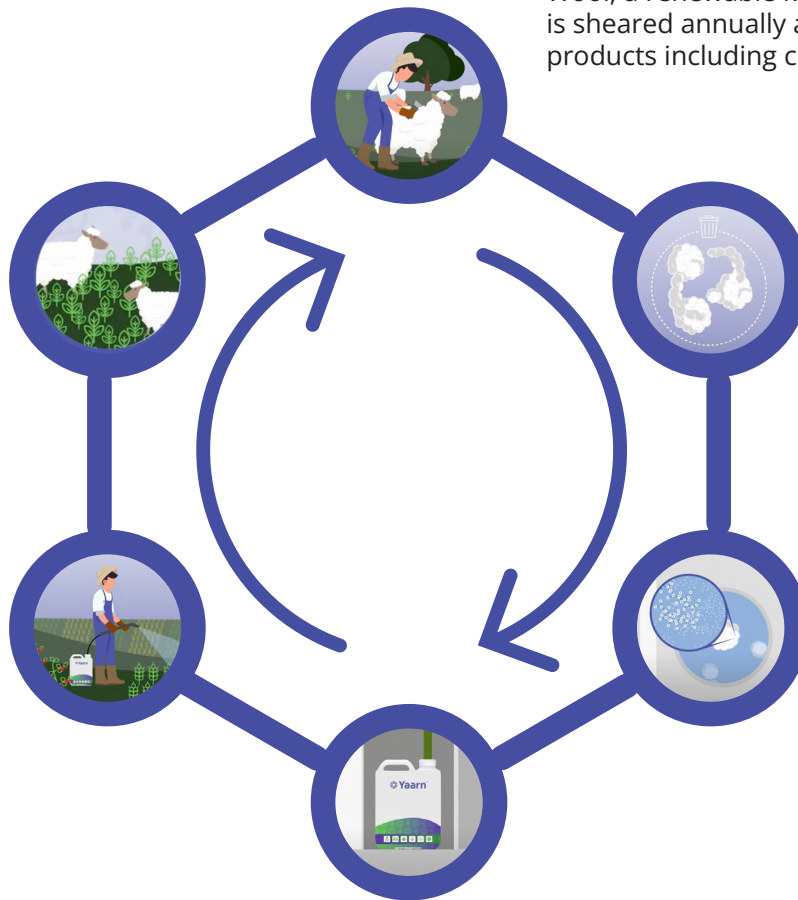
BENEFITS

- **BOOSTS PLANT METABOLISM AND GREEN-UP**
- **INCREASES PLANT GROWTH**
- **IMPROVES FRUIT YIELD AND QUALITY**
- **INCREASES TOLERANCE TO ABIOTIC STRESS**



Wool, a renewable keratin-based fibre, is sheared annually and used in many products including clothes and textiles.

Yaarn is derived from natural agricultural materials, which are recycled back into crop production, benefiting growers, the environment, and society.



However, these industries create excess or waste wool. We repurpose excess wool into agriculture..

The final product can be incorporated into crop production programmes, using existing application methods.

The keratin rich nature of wool means it is a valuable source of protein, peptides, and amino acids - the building blocks of nature.

More Info:



Hydrolyzing wool fibres extracts these compounds as a liquid, which can be used as an innovative crop formulation.
It enriches crops, enhances yield, boosts quality and resilience to environmental challenges.

MANUFACTURER AND LICENSE COMPANY

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 www.agri-sci-biologicals.com
 Yaarn™ is a trademark of Agri Sciences Biologicals B.V.

PHYSIOCHEMICAL PROPERTIES

Appearance:	Green-Brown Liquid
pH:	9-10
Density:	1.18-1.28g/cm ³
Electrical Conductivity:	55.9mS/cm

Typical application rate 2-3L/Ha

CHEMICAL COMPOSITION

Total Nitrogen (N):	2.5%
Soluble Potassium (K ₂ O):	9%
Organic Carbon:	15%
Total Amino Acids:	14%
Free Amino Acids:	4%

