



YaarnTM

BIOSTIMULANT

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

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 hormonal synthesis pathways, chlorophyll synthesis, enhancing nutrient uptake and assimilation and boosting plant metabolism.

BENEFITS

- **REDUCES TRANSPLANT SHOCK**
- **BOOSTS PLANT METABOLISM AND GREEN-UP**
- **IMPROVES NUTRIENT UPTAKE AND ASSIMILATION**
- **INCREASES PLANT GROWTH, VIGOUR AND TILLERING**
- **IMPROVES FRUIT YIELD AND QUALITY**
- **REDUCES PHYTOTOXICITY FROM HERBICIDE APPLICATION**
- **INCREASES TOLERANCE TO ABIOTIC STRESS**

PHYSIOCHEMICAL PROPERTIES

Appearance: Green-Brown Liquid
pH: 9-10
Density: 1.18-1.28g/cm³
Electrical Conductivity: 55.9mS/cm

CHEMICAL COMPOSITION

Total Nitrogen (N): 4%
Soluble Potassium (K₂O): 9%
Organic Carbon: 15%
Total Amino Acids: 14%
Free Amino Acids: 4%

APPLICATIONS

Suitable for use on all crop types and allowing flexible application either by foliar spray or drip irrigation. Target applications during periods of most intense vegetative growth or before periods of abiotic stress. Shake well before use.

CROP	RATE (PER APPLICATION)	APPLICATION (FOLIAR)
Glasshouse crops	500-1000 ml/100L water (min. 2.0 L/Ha)	Apply from 7-10 days after transplanting, during intense vegetative growth through to fruit development
Fruiting Vegetables		Apply from 7-10 days after transplanting, during intense vegetative growth through to fruit development
Leafy Vegetables		Apply in 10-14 day intervals from 7-10 days after transplanting and during intense vegetative growth
Bulb Vegetables		Apply during intense vegetative growth and bulb development
Root Vegetables		Apply during intense vegetative growth and root development
Strawberries		Apply during intense vegetative growth through to fruit development
Cucurbits		Apply during intense vegetative growth through to fruit development
Ornamentals		Apply at 10-14 day intervals throughout the growth cycle
Woody Perennials		
Pome Fruit	150-300 ml/100L water (min. 2.0 L/Ha)	Apply 2-4 times from pre-flowering to fruit development
Stone Fruit		Apply 2-4 times from pre-flowering to fruit development
Citrus		Apply 2-4 times from pre-flowering to fruit development
Nuts		Apply 2-4 times from pre-flowering to fruit development
Grape		Apply 2-4 times during intense vegetative growth, pre-flowering and fruit development
Coffee		Apply 2-4 times from pre-flowering to fruit development
Tropical crops		Apply 2-4 times during intense vegetative growth through to fruit development
Blueberries / Bush Fruits		Apply 2-4 times during intense vegetative growth through to fruit development
Broad Acre		
Cereals	500-1000 ml/100L water (min. 2.0 L/Ha)	Apply 2-3 times starting from intense vegetative growth to flowering
Maize		Apply 2-3 times during vegetative growth stages to tasselling
Potato		Apply 2-3 times starting from intense vegetative growth to flowering
Sugar beet		Apply 3 times during intense vegetative growth through to bulb filling
Rice		Apply 2-3 times starting from intense vegetative growth to flowering
Cotton		Apply 2-3 times during intense vegetative growth through to boll development
Legumes		Apply 2-3 times starting from intense vegetative growth to flowering
Grass		Begin applications in spring and during periods of intense growth throughout the season
Oilseed rape (Canola)		Apply 2-3 times starting from intense vegetative growth to flowering
Tobacco		Apply 2-3 times starting from intense vegetative growth to flowering

Drip Irrigation: 20L/Ha applied at any point from transplanting in 2-3 split applications. Particularly beneficial during intense vegetative growth or flowering.

STORAGE

Keep in the original pack. Ensure packaging is sealed and kept in dry conditions. Do not expose to direct sunlight. Storage temperature must be between +5 and +40°C. Shelf life of 2 years minimum under normal conditions.

MANUFACTURER AND LICENSE COMPANY

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Yaarn™ is a trademark of Agri Sciences Biologicals

COMPATIBILITY

It is recommended to perform a compatibility test with other products before mixing and to perform small scale crop trials before using the product.

SAFETY PRECAUTIONS

Store in a closed original container.
Keep away from children and food.
Avoid contact with skin and eyes. In case of contact, wash with plenty of water.
For full details consult the Safety Data Sheet (SDS).
Read the label before use. Never exceed the appropriate dosage rate.