

bionatureuk Ltd.

Delivering Crop Nutrition

WINTER BARLEY

Winter barley is a vital cereal crop in the UK, valued for its early harvest and role in crop rotation. However, it is sensitive to nutrient deficiencies, particularly in nitrogen, potassium, magnesium, sulphur, and trace elements like copper, manganese, and boron. These deficiencies can lead to stunted growth, poor tillering, chlorosis, and reduced grain quality.

Bionature UK's smart liquid fertiliser programme is designed to address these challenges by delivering targeted nutrition throughout the crop's growth cycle. Their approach enhances root development, improves stress tolerance, and supports even, vigorous growth — ultimately leading to higher yield potential.

Standard Autumn Programme

Full Programme Approx. cost: £ 102 /Ha

***Option A - £28/ha**

Apply 5 ltr/ha of **Delta K** from peri-emergence in the autumn. If the farmer is confident the sprayer will travel later in the autumn, this application can be split into two and applied a month to six weeks apart at 2.5 ltr/ha. **Delta K** will mix with all known herbicides and insecticides applied to wheat and barley in the autumn, so the farmer doesn't have to do an extra pass with the sprayer.

Apply 1 ltr/ha **1-4-All** in the autumn with **Delta K** on winter barley on sandy land to help with nutrient deficiencies. The product can be applied on its own without Delta K if the farmer wants to use it for balancing up nutrient deficiencies to winter barley in the autumn.

Additional Option A* Apply 2 ltr/ha **Leodita** with application 3 of **Delta K**, as a soil improver.

Drilled in Sept or early October

Approx. cost: £45 / Ha

One application of 1ltr/ha **1-4-All** plus 5 ltr/ha **Delta K** with an autumn herbicide or insecticide from peri-emergence to four true leaves.

Organic or Regenerative Farmers

Approx. cost: £28 / Ha

Apply 2 ltr/ha **Leodita** from peri-emergence in the autumn to winter wheat or barley. A humic acid soil improving product containing high carbon content.

Key Benefits of the Programme

- Higher productive yield
- Improved root and shoot development
- More tillering and stiffer stems
- Better crop uniformity and enhanced stress tolerance
- Reduced nitrogen leaching
- Improved grain quality and dry matter

	Application 1	Application 2	Application 3	Application 4	Application 5
	From 2 Leaves	November	February to T0 Timing	T1 to 1.5 timing	Awns out
Bionature Programme	Delta 2.5 ltr / ha	Delta 2.5 ltr / ha	Delta 2.5 ltr / ha	TipTop 1 ltr / ha	TipTop 1 ltr / ha
		+	+	+	+
		1-4-All 1 ltr / ha	1-4-All 1 ltr / ha	XSTRESS 1 ltr / ha	XSTRESS 1 ltr / ha
			+		+
			Leodita 2ltr / ha		CalFlux 0.25ltr / ha

To find out more and how to buy our products call Mark on 07950 313704