



Technical data sheet

HEADLAND COMPLETE

A foliar-applied soluble micronutrient blend for use in agriculture

Contains N, P, K, Sulphur and Magnesium plus micronutrients manganese, copper, zinc, iron, boron and molybdenum

Uses: To maintain nutrient balance in agricultural and horticultural crops

Rates: 2.5 - 5.0 kgs/ha

Packs per Pallet: 50 x 6.0 kgs

Introduction:

Headland Complete is a carefully formulated fully soluble blend of NPK and micronutrients. It is suitable for optimising nutrient balance in a wide range of crops. Headland Complex may be used as a routine nutrient source for maintaining healthy crop growth and development and also to provide a source of rapidly absorbed additional nutrients at a time of crop stress or during periods of particularly rapid growth and development.

Note: a crop's nutrient status can only be determined accurately by tissue analysis. Headland recommends that tissue analysis results are used whenever possible to optimise micronutrient applications.

Formulation:

Headland Complex contains a balanced ratio of fully soluble and plant-available nutrients formulated for easy and straightforward mixing and application.

Headland Complete contains:

Total nitrogen: 20% w/w
(Nitrate nitrogen 2.0% w/w)
(Ammoniacal nitrogen 4.7% w/w)
(Ureic nitrogen 13.3% w/w)
Phosphorus 8.0% w/w as P₂O₅
Potassium 14% w/w as K₂O
Sulphur 9.7% w/w S soluble in water
Magnesium 2.0% w/w as MgO
Manganese 0.26% w/w chelated with EDTA
Copper 0.20% w/w chelated with EDTA



Zinc 0.14% w/w chelated with EDTA
Boron 0.04% w/w soluble in water
Iron 0.02% w/w chelated with EDTA
Molybdenum 0.006% w/w soluble in water

Rates of Use:

Foliar application of 2.5 – 5.0 kg/ha in at least 200 l/ha water.

Timing:

Apply when required or as indicated by the results of tissue analysis, once the crop has sufficient leaf area present to absorb the spray (e.g. the 3-leaf stage in cereals). Repeat at 7-14 day intervals as required.

Cereals

Application starts at 3-4 leaf stage with 2.5-5 kg/ha. Repeat the application before tillering. Other applications may be applied if necessary with 10-14 days intervals

Potatoes

Start when enough leaf cover is achieved with 2.5-5 kg/ha according to needs. Repeat the application before tuberization. Several applications can be done throughout the cycle till 1 month before harvesting.

Sugar beet

Apply 2.5 -5 kg/ha when enough foliage. Repeat of necessary.

Fruit trees: apples, pears, grapes, olives

2.5 -5 kg/ha before flowering and fruit set. Repeat the applications during the fruit growth stage. After harvest applications are beneficial.

Citrus

Apply 2.5-5 kg/ha on spring shoot before the flowering. Repeat the application after June drop during the fruit development stage.

Vegetables and legumes

Applications should start 10-15 days after transplanting and repeated throughout the cycle till the harvesting. The dose vary from 2.5 to 5 kg/ha according to needs.

Ornamentals

Apply 2.5-5 kg/ha throughout the cycle with 15-20 days intervals.

Application:

Half-fill the spray tank with clean water, begin agitation and add the required quantity of Headland Complete. Add the rest of the water and apply without delay.



The use of Headland Guard 2000 at 0.1% v/v is recommended to improve spray retention and rainfastness. Contact Headland Agrochemicals for more information.

Compatibility:

Headland Complete is physically compatible with many spray-applied agricultural chemicals. Consult your supplier for the latest information. Alternatively, up-to-date compatibility information may be found at www.headland-ag.co.uk.

Read the label of the partner product carefully before mixing with Headland Complete.

Storage:

Keep dry and cool in original container in a suitable agricultural chemical store. Keep out of direct sunlight and away from direct sources of heat.

Safety Precautions:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3) do not apply to this product. Its use should not present a hazard in normal circumstances. Refer to the Material Safety Data Sheet or the product label for further information.

Transport: This product is not classified as hazardous for transport.

Date of latest revision: September 2007

Significant changes since last issue: Compatibility information, storage advice. Deletion of recommendations for knapsack application.

Yours faithfully,

For and on behalf of Headland Agrochemicals Ltd.,

Stephen Foote
Authorized Signatory



Date: 31st March 2009