

3X Solution

Foliar Nutrition - Specialities

Use

In a regular nutrient management programme, at times of crop stress or to improve a wide range of nutrient levels.

Crops

A wide range of agricultural crops including combinable crops, potatoes, sugar beet and vegetables.

Pack Size

20, 1000 litres

Function of 3X Solution

3X Solution is a high quality foliar treatment for maximising yield potential in a wide range of crops. A regular programme using 3X Solution can help improve crop quality and yield and can prevent the crop from being susceptible to nutrient deficiency. Applications of 3X Solution will also help crops to overcome periods of stress and will assist less forward crops to reach their potential. 3X Solution is readily assimilated by the crop ensuring a good response to the treatment.



Analysis	w/w	w/v
Nitrogen (N)	8.0%	10.0%
Phosphate (P ₂ O ₅)	6.5%	8.0%
Potassium (K ₂ O)	5.0%	6.0%
Magnesium (MgO)	0.4%	0.5%
Sulphur (SO ₃)	0.8%	1.0%
Iron (Fe EDTA)	2440mg/kg	3000mg/L
Manganese (Mn EDTA)	225mg/kg	280mg/L
Copper (Cu EDTA)	225mg/kg	280mg/L
Zinc (Zn EDTA)	225mg/kg	280mg/L
Boron	90mg/kg	110mg/L
Cobalt (Co EDTA)	3mg/kg	4mg/L
Molybdenum	4mg/kg	5mg/L

Directions for Use

Foliar uptake will be enhanced by the addition of NAI3¹ unless applied in tank mix with a pesticide.

Apply 3-10 L/ha, in a minimum of 200 L/ha water.

The spray tank should be filled with half the required water. If applicable, add the required amount of NAI3 to the water before the 3X Solution. After shaking the container, measure the required amount of 3X Solution and add to the tank whilst maintaining constant agitation. Add the remaining water to correct dilution and spray.

Crop	Timing	Rate L/ha	Comments
Cereals	From early tillering	3-5	Apply if soil and weather conditions prevent optimum growth or to relieve crop stress. Repeat 14 - 21 days later if required
Oilseed Rape	From 2-4 true leaves	3-5	Apply if soil and weather conditions prevent optimum growth or to relieve crop stress. Repeat 14 - 21 days later if required
Potatoes ²	First application 1 month after planting	3-5	Follow with 2 - 4 applications at 14 day intervals
Sugar Beet	From 6 true leaves	3-5	Follow with 2 - 4 applications at 14 day intervals
Vegetables ²	As required or when stress is evident	3-10	Repeat as necessary every 10 - 14 days

Notes

For further information on compatibility and tank mixing refer to the section on pages 86-87, and for physical compatibility with pesticides refer to the website www.omex.co.uk

¹ NAI3 is an adjuvant designed to help with improved adhesion, deposition and penetration of the spray solution on the leaf surface. NAI3 should be added at 0.1% of the spray volume, e.g. 100 ml in 100 litres of water. Maintain agitation and apply immediately after mixing. See page 82 for details.

² SW7 may be used as an alternative adjuvant on potatoes and vegetables. Use SW7 if it will be difficult to achieve good coverage, the leaves are waxy or tightly layered, or with dense crop canopies. See page 84 for details.