

DP98

Biostimulants & Quality Improvement

Use

To stimulate root growth, improve establishment and improve the uptake and systemic movement of nutrient cations within the plant.

Crops

A wide range of crops.

Pack Size

10, 1000 litres

Function of DP98

DP98 can be used on young plants, including recently planted out modules, to improve root growth and crop establishment. Application to mature plants will aid the uptake and movement within the plant of co-applied nutrient products, which can lead to stronger healthier plants more capable of withstanding abiotic stress.

Phosphites as Biostimulants

Used at low rates on young plants, phosphites can act as biostimulants, promoting early root growth and plant establishment.

Phosphites are also highly systemic, capable of moving within the xylem and phloem. Consequently the plant can benefit from improved movement within the plant of partner cations such as Ca, Mg or Mn.



Analysis	w/w	w/v
Nitrogen (N)	3.0%	4.0%
Phosphate (P ₂ O ₅)	28.0%	38.0%
Water soluble Phosphate (P ₂ O ₅)	0.0%	0.0%
Phosphite (as P ₂ O ₅)	28.0%	38.0%
Potassium (K ₂ O)	13.0%	17.5%

◆ Directions for Use

Use DP98 as directed below. Foliar uptake will be enhanced by the addition of NA13¹ unless in tank mix with a pesticide. Apply 1 – 4 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 NA13 to the water before the DP98. After shaking the container, measure the required amount of DP98 and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution and spray.

Crop	Timing	Rate L/ha	Comments
Brassicas including transplanted modules	From 2-4 true leaves	1	To stimulate roots and improve establishment
Lettuce & leafy salads	Larger than 6-8 true leaves	2-4	Apply to maintain rate of growth if conditions are not conducive for optimum growth, or the crop is at risk of suffering from stress factors. Repeat after 10-14 days if conditions persist.
Carrots, parsnips or other root crops	3-4 leaves	2	To stimulate roots and improve establishment
Legumes	2-4 true leaves	2	Use when growing conditions prevent optimum growth and root development. Repeat at 10-14 day intervals if required
Onions & Leeks	3-4 leaves	2	To stimulate roots and improve establishment
Potatoes	From tuber initiation	2-4	Use to promote root development and improve tuber set, or when growing conditions prevent optimum growth. Use to improve establishment on backward crops.

◆ 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 NA13 is an adjuvant designed to help with improved adhesion, deposition and penetration of the spray solution on the leaf surface. NA13 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.