



HydraFlow

BA ZINC

65% Zinc + Plant Hormones

HydraFlow BA Zinc contains elemental zinc plus all essential hormones required for cellular expansion, division and elongation. This gives crops the best opportunity for establishment and early root development.

HydraFlow BA Zinc is the next generation in seed coating and foliar spray products for broadacre cropping.

HydraFlow BA Zinc is made from micro fine purified oxides in a suspension form. This product offers very high analysis in an elemental form to cater for plants physiological requirements. Micro fine oxide suspensions have a very low salt index and will not cause any phototoxic problems to young or developing foliage.

HydraFlow BA Zinc is highly compatible with most agricultural pesticide sprays.

GUARANTEED ANALYSIS		W/W%	W/W%
Zinc	(Zn)	65.00	40.60
Auxins		1000	ug/L
Cytokinins		5	ug/L
Gibberellins		5	ug/L

SEED TREATMENT RATE:

Broadacre	4 / L ton of seed
Canola	20 - 40 / L ton of seed
Grain, Legumes	5 - 6 / L ton of seed
Maize, Rice	5 - 8 / L ton of seed
Sorghum	5 - 8 / L ton of seed

Water Ratio: Mix sufficient water to ensure adequate coating of seed

NOTE:

If using the lower rate, follow-up tissue tests may be required to determine the need for foliar application after emergence. If these products are applied without dilution with water, uneven coverage will usually occur. Uneven or lumpy coatings can cause dusting to occur when the treated grain goes into subsequent augur operations. Apply between 1 and 3 L water / ton of seed depending on seed moisture percentage and ambient temperature. Product is not compatible with inoculants.

APPLICATION METHOD

- Mechanical Sprayer:** it is essential that the unit can handle the dense and viscous nature of BA ZINC. An example of which is an 'twelve-volt' diaphragm pump with a '14 L / min' rating. The nozzle set up in units such as these utilises large 'Hardi' nozzles ranging from 4625-54 down to 2080-36. **NOTE:** when performing the spray applications, all filters **MUST** be removed. By ensuring that nearly all seed is covered in the initial application, subsequent application need only partially coating by the auger.
- Gravity Feed:** By using a drum, for example a 20 litre container with a 1/2 inch threaded bung at the bottom, can be an accurate devise in utilising this method. After fitting the drum with a 1/2-inch ball tap, attached to a 1/2-inch hose, place the product into the drum and measure its 'flow rate'. This is essential so the flow rate can be synchronised to match with the auger flow rate to be used.
- Other methods:** The use of a concrete mixer can be highly effective when treating small seeded crops sown at low seeding rates like canola, lucerne and sorghum. Place the measured amounts of product and seed into the tumbling mixer, and allow the seeds to separate once fertiliser is dry.

CROP RATE: L/ Ha WATER*

Broadacre	0.3 - 0.4	1 : 30 - 200
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A dilution of 1 : 100 means 1 part product : 100 parts water. In hot weather, use the higher dilution rate where applicable.