



Knowledge grows

YaraVita™ ZINTRAC™

Guarenteed Analysis:		
Zinc (Zn)	70% w/v	700 g/L
Nitrogen (N)	1.8% w/v	18 g/L

Benefits:

- The product is specifically formulated to provide maximum crop safety. This helps to ensure that application will not cause damage to the crop which can reduce it's market value.
- The fluid formulation makes it easy to measure, pour and mix the product in the spray tank, whilst giving the highest nutrient content.
- The purity of raw materials selected for this product makes it safe for application to the crop and helps ensure that the harvested produce will not be rejected at any point in the supply chain.
- Highly concentrated formulation which delivers adequate quantities of zinc to emerging seedlings with low application rates.
- A broad tankmixability makes it easy to co-apply the products with agrochemicals, saving both time and money. Just as important, free access to Tankmix information online or via smart phones makes it quick and easy to check whether products can be co-applied.

Recommendations

Grain moisture content before grading (%)	Grain temperature (degrees celcius)	Recommended water addition (per tonne of seed)
Less Than 9	Up to 25	2 Litres
	25-35	3 Litres
	Greater than 35	3 Litres
9-10	Up to 25	2 Litres
	25-35	2 Litres
	Greater than 35	3 Litres
10-11	Up to 25	1 Litre
	25-35	2 Litre
	Greater than 25	3 Litre
11-13	Up to 25	1 Litre
	25-35	1 Litre

YaraVita ZINTRAC is a highly concentrated flowable zinc formulation which allows adequate quantities of zinc to be supplied to the emerging seedling from seed treatment. Zinc Chelates and Sulphates cannot supply the same quantities of zinc per tonne of seed.



Application of YaraVita Zintrac as a seed treatment

YaraVita Zintrac treatments can be applied neat. However, due to their very high active concentration the products may need to be diluted with water to allow for a more even seed coverage. Just how much water is required will depend on the temperature and the moisture content of the seed being treated (see the table).





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As grain temperature rises and moisture content decreases, YaraVita seed treatments dry more quickly on the seed and this limits the spread of the product between seeds that would normally take place as they move up the auger. If YaraVita seed treatments are not diluted with water when necessary, uneven lumps of YaraVita seed treatments can build up on the seed. These lumps can easily be knocked off during augering resulting in dusting. It is important to note that following dilution with water, YaraVita seed treatments should be gently stirred or agitated before and during application.

Zinc applied with Seed Treatment

The equation below shows how to calculate the quantity of Zinc applied per hectare from a seed treatment.

$$\begin{aligned}\text{Zinc applied (g/ha)} &= \text{Seeding rate (Kg/ha)} \times \text{Zinc seed treatment rate (L/tonne)} \times \text{YaraVita Zintrac analysis (\%)} / 100 \\ &= 100 \text{ Kg/ha} \times 4 \text{ L/tonne} \times 70\% / 100 \\ &= 280 \text{ g/ha}\end{aligned}$$

YaraVita Zintrac @ 4L/tonne supplies the best start for most wheat crops.

YaraVita Zintrac tankmix table

Individual products below were tested with YaraVita Zintrac @ 4 L/tonne

Product	Company	Rate	Water	Result **
EverGol Prime	Bayer CropScience	0.8 L/ Tonne	0	✓
EverGol Prime + Gaucho® 600	Bayer CropScience	0.8 L/ Tonne + 2.4L/Tonne	0	✓
Rancona® Dimension	Chemtura	3.2 L/ Tonne	0	✓
Rancona® Dimension + Gaucho® 600	Chemtura Bayer CropScience	3.2 L/ Tonne + 2.4 L/ Tonne	0	✓
Raxil® T	Bayer CropScience	1 L/ Tonne	0	✓
Raxil®T + Gaucho® 600	Bayer CropScience	1 L/ Tonne + 2.4 L/ Tonne	0	✓
Vibrance®	Syngenta	3.6 L/ Tonne	0	✓
Vibrance® + Gaucho® 600	Syngenta Bayer CropScience	3.6 L/ Tonne + 2.4 L/ Tonne	0	✓

Product can be tank mixed with continuous agitation at the rates tested when added together in the order indicated

* All products tested and full results available at www.tankmix.com

IMPORTANT NOTE:

Tank mixes are made for convenience of application only. The test results provided do not represent a guarantee of chemical and/ or biological compatibility, nor crop safety of any tank mix. The test conducted and the conclusions drawn do not represent or imply an approval or recommendation by Yara UK Ltd for application of the mixture to any agricultural crop. It should be noted that agro - chemicals based on the same active may vary in concentration and formulation. This can affect the tank mixability. Active ingredient alone is no guarantee of the product's tank mix properties and therefore a result for an active ingredient should not be considered as a result for tank mixing other than for the specific product named with the specified country of origin. For further information on all aspects of tank mixing of Yara UK Ltd's nutritional products with other agro-chemical products or compounds visit www.tankmix.com. Yara UK Ltd does not recommend the mixing of its products with any other product or compound not included on the www.tankmix.com database. This information is correct at the time of printing and replaces all previous information relating to tank mixing. We reserve the right to update information regularly without prior notification.

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