



# YaraVita™

## Teprosyn™

Teprosyn products are specifically manufactured for use as seed treatments

Formulated as suspension concentrates they coat seeds evenly and safely:

- Elements remain evenly distributed within the suspensions ensuring an even spread of elements onto the seed.
- Problems of dusting, often encountered with powder formulations, are avoided.
- They are highly concentrated, with high nutrient contents and a low water content. Thus they will not over-wet the seed during application, thereby protecting seed integrity prior to planting.
- They are formulated with stickers, thereby ensuring that the micronutrients are released slowly and that concentrations in the root zone remain high as the seedling develops.
- They can be co-applied with a wide range of fungicides and insecticides that are commonly used as seed protectants. Visit [www.tankmix.com/yara](http://www.tankmix.com/yara) for details.
- Ask your local Yara agromist for further advice.

The information provided is accurate to the best of Yara's knowledge and belief.  
Any recommendations are meant as a guide and must be adapted to suit local conditions.  
Always read the label before use.



### Teprosyn Range:

- **Teprosyn Zn**  
600 g/l zinc
- **Teprosyn Zn/P**  
300 g/l zinc,  
200 g/l P<sub>2</sub>O<sub>5</sub>
- **Teprosyn Cu**  
500 g/l copper
- **Teprosyn Mn**  
500 g/l manganese
- **Teprosyn Mo**  
250 g/l Molybdenum

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# SEED TREATMENT WITH MICRONUTRIENTS

## THE TEPROSYN RANGE

In order to optimise crop production, the right balance of all essential nutrients must be available to the seed at germination and throughout the growing season.

The critical period for successful crop establishment is post germination, when the seedling has to rely on its natural seed nutrient reserves. The plant is unable to draw on soil nutrient availability until sufficient root growth has developed. Likewise, foliar application of nutrients is inappropriate until sufficient leaf growth has developed to intercept and absorb the nutrients applied.

Seed treatment is a well researched and proven technique for supplying crops with micronutrients.

*It targets the activity of the treatment more precisely, ensuring the availability and uptake of the nutrients during the very early stages of crop development.*



TEPROSYN BENEFITS				
Teprosyn Mn	Teprosyn Cu	Teprosyn Zn/P	Teprosyn Mo	Teprosyn Zn
Supplements inadequate nutrient reserves in the seed.				
Nourishes the crop at the critical early stages.				
Improves plant vigour and enhances disease resistance.				
Safeguards against drought stress.				
Provides security of application. The crop is treated before it is sown so the danger of missing or being unable to treat is removed.				
Gives independence from climate				
Reduces the rate of application. Seed treatment is a very effective way of applying nutrients to the crop. Required rates of active nutrient applied per hectare are lower than with either soil or foliar application.				

## The Products

**Teprosyn Cu**  
500 g/l Cu

**Teprosyn Mn**  
500 g/l Mn

**Teprosyn Mo**  
250 g/l Mo

**Teprosyn Zn**  
600 g/l Zn

**Teprosyn Zn P**  
300 g/l Zn  
200 g/l P<sub>2</sub>O<sub>5</sub>



# The Teprosyn Products - Seed Treatment

## PRODUCT USAGE

**Teprosyn Cu** 500 g/l Cu 3-4 l/tonne

**Teprosyn Mn** 500 g/l Mn 3-8 l/tonne

**Teprosyn Mo** 250 g/l Mo 2-4 l/tonne

**Teprosyn Zn P** 300 g/l Zn 6-10 l/tonne  
87 g/l P

**Teprosyn Zn** 600 g/l Zn 4-8 l/tonne

**Please refer to the product label for crop specific rates**

### HIGH ACTIVE CONCENTRATION

Ensures optimum loading can be achieved, with a minimum volume of product. This allows the products to be used in conjunction with existing fungicide and insecticide treatments.

### READY-TO-USE

The products require no pre-slurrying or dilution, prior to application, enabling them to be easily applied in existing seed coating processes.

### GOOD ADHERENCE TO SEEDS

Avoids losses during handling subsequent to the treating process.

### EVEN COATING OF SEED

Gives consistent distribution of nutrient on seed and maintains existing seed flow characteristics for packaging of seed and flow through seed drills.

### NO DUST DURING HANDLING

Ensures no hazard to operators, during handling either in the application process or subsequent sowing.

### QUICK DRYING, WATER BASED FORMULATIONS

Maintains maximum output of the seed treated, without any additional drying process or solvent extraction.

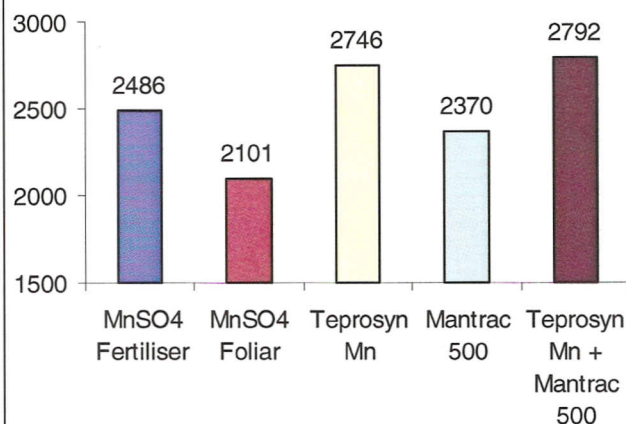
### NO EFFECT ON GERMINATION CHARACTERISTICS

Either the rate of or final percentage germination.

### TANK MIXABLE WITH OTHER SEED DRESSINGS.



Trial carried out in Western Australia in 1996 by IAMA  
(Wheat variety Tammin).  
Grain Yield (kg/ha)



Always read the label before using the product.

Utilise soil and leaf analysis to check your crop's nutritional status.

For more information on Phosyn and Phosyn products visit [www.phosyn.com](http://www.phosyn.com).

Distributor: