

Key benefits

- **PRECISE PLACEMENT**
- **EFFICIENT UTILISATION**
- **SAVE TIME AND MONEY**
- **ENVIRONMENTAL POSITIVE**
- **QUALITY MICROGRANULE**
- **LOW RATES (10 - 30 KG/HA)**
- **EASY HANDLING - 10 KG BAG**

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Umoplast Super ZN Precision Nutrition

Umoplast ZN is a micro granulated fertiliser containing around four million granules per kg, which means it has an extremely high interface with your seeds, providing all important nutrients quickly and safely.

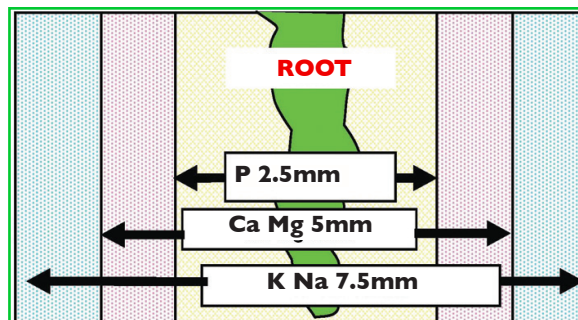


5g of Umoplast:
approx 25,000
microgranules 90%
between 0.5-1.0mm



5g of 18:46:0
approx 200 granules
2.5-4.0 mm

Maximum distance root capacity nutrient uptake



For maximum uptake, nutrients need to be available close to the root. This is especially true of phosphate, as shown in the diagram. With a composition of 11:50:0+1ZN, Umoplast Super ZN places essential nutrients exactly where the plant needs them.

Umoplast

Microgranular starter fertiliser

**give your OSR a better start
for a stronger finish**



SIPCAM
UK

**Highly available phosphate base
with analysis 11:50:0+1ZN**

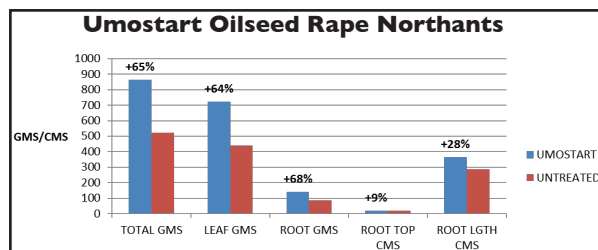
Oilseed Rape Establishment

Oilseed Rape is often drilled when soil temperatures are at their highest and soil moisture levels at their lowest but whatever your chosen method of planting, before winter sets in the aim is to achieve large deep rooted plants which provide good ground cover.

No two seasons are the same, but it is always important to optimise crop establishment and get it off to a flying start.

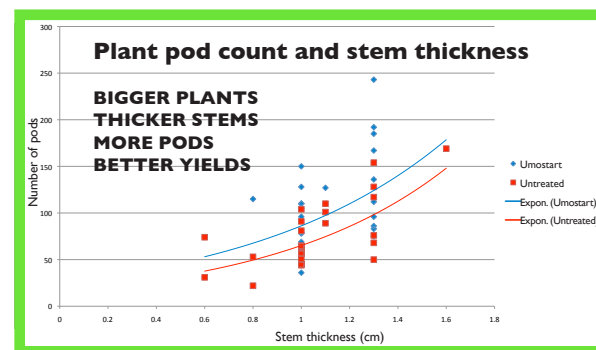
Umstart Super ZN encourages rapid root growth and development, giving your plants every chance of meeting that all important winter deadline, whatever the weather.

The effectiveness of Umstart on OSR is visible in the plants (pictured right) and evident from independently managed trials, such as those recorded below and to the right.



Independent oilseed rape trials 2012/13	Av. root length cms	Av. root weight gms	Top plant weight gms	Pod nos/ plant	Stem size cms	Yield t/ha
Untreated	5.07	0.96	13.12	96.03	2.20	1.76
Treated	6.23	1.85	17.54	145.67	2.41	1.86
% Difference	+23%	+93%	+34%	+52%	+10%	+6%

In farm-based trials over several years Umstart has consistently demonstrated quicker, stronger root establishment, with more leaf. The number and weight of pods has subsequently exceeded the controls.



Umstart Super ZN is applied in bands at the time of drilling, providing precise nutrition to your seedlings where and when they need it, replacing conventional, less efficient seedbed fertiliser regimes. The impact is easy to see in root development and leaf coverage.



Precision nutrition also helps reduce the amount of fertiliser that might leach into water courses; an increasingly important consideration on all farms and especially those in NVZs.

Application Technology

Umstart Super ZN is simple to apply whatever your system of crop establishment.



Till Seeding Systems

Umstart Super ZN can be applied via an additional micro applicator unit mounted on your subsoiler to compliment an existing seeder unit.

Drilling Systems

Umstart Super ZN can be applied through many conventional drills, usually by the addition of an ancillary OEM unit, or alternatively by a micro applicator fixed directly to the drill or toolbar.



Umstart Super ZN is packed in easy-to-handle, high quality 10kg foil bags and because it is applied precisely; you only need to use 10-30 kg/ha, which saves you time and is kinder to the environment.