

# Key Benefits

- Precise placement
- Efficient utilisation
- Time and money saving
- Environmental positive
- Quality microgranule
- Low rates (10 - 30 kg/ha)
- Easy handling - 10 kg bag

# Precision Nutrition

Umoplast 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

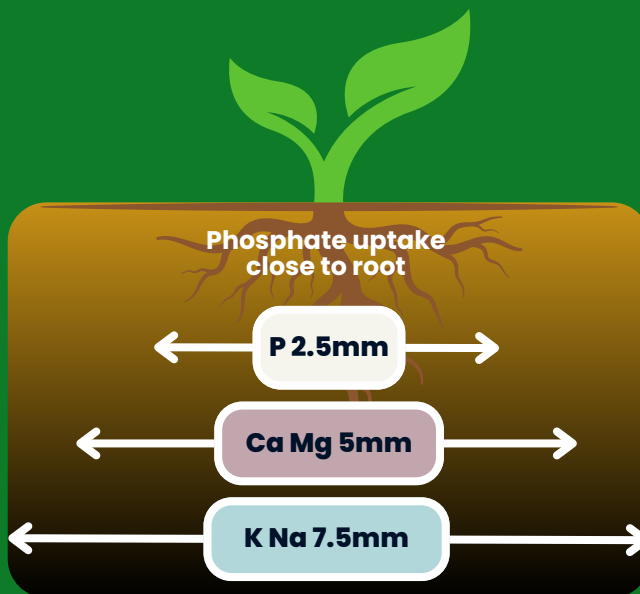


**Umoplast**

5g = Approximately 25,000 microgranules

90% between 0.5-1.0mm

For maximum uptake, nutrients need to be available close to the root



With a composition of 11:50:0+1ZN, Umoplast places essential nutrients exactly where needed

# Umoplast

Microgranular Starter Fertiliser



**SIPCAM**  
UK

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



[www.sipcamuk.co.uk](http://www.sipcamuk.co.uk)

# Oilseed Rape Establishment

Oilseed Rape is often drilled when soil temperatures are at their highest and soil moisture levels at their lowest.

Either way, the aim is to achieve large deep rooted plants which provide good ground cover. It is always important to optimise crop establishment and get it off to a flying start.

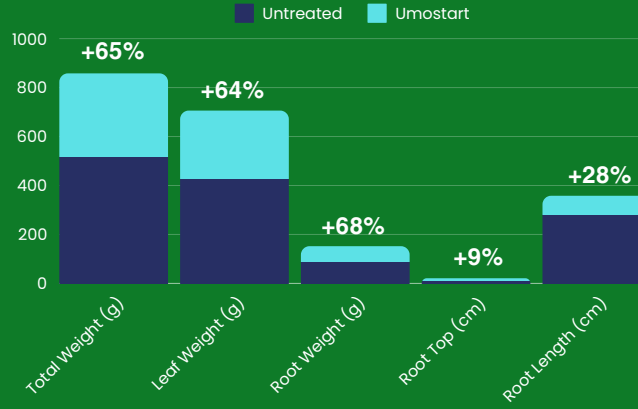


Effectiveness of Umostart on OSR plants

Umostart encourages rapid root growth and development, giving your plants every chance of meeting that all important winter deadline.

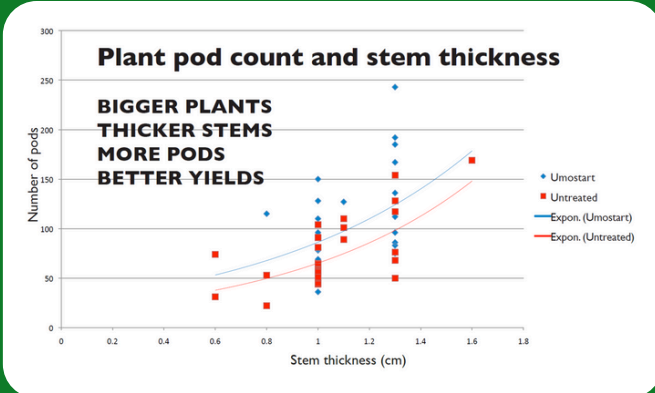
Precision nutrition also helps reduce the amount of fertiliser that might leach into water courses; an increasingly important consideration on all farms, especially those in NVZs.

The effectiveness of Umostart on OSR is evident from independently managed trials, such as those recorded below:



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 Umostart has consistently demonstrated quicker, stronger root establishment, with more leaf. The number and weight of pods has subsequently exceeded the controls.



## Till Seeding Systems

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

## Drilling Systems



Umostart 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.