

Peanut

Veritas™ and Fortalis™ are advanced foliar sprays containing our patented CaT™ technology. They optimise calcium mobility for increased yield in peanut.



Benefits of Veritas and Fortalis

- ✓ Supports peg and pod development
- ✓ Peanut yield increases
- ✓ Proven compatibility with most fungicides, insecticides and other AgChem foliar sprays.

Nutrient content

Nutrient	Veritas		Fortalis	
	%w/w	g/L	%w/w	g/L
Ca	5	60	10	140
CaO equiv	7	84	13.9	195
N	4.5	54	8	112
Zn	1	12	0.8	11

CaT™ Calcium mobility technology

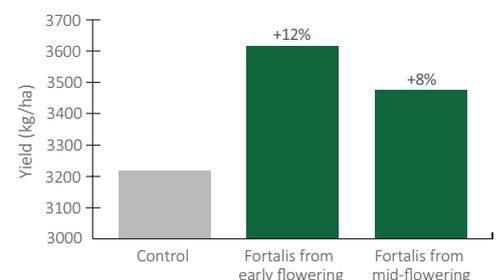
Calcium is an essential plant nutrient, principally taken up with water. It is vital for cell wall and membrane structure.

CaT is designed to mobilise calcium. It stimulates selective ion transport channels in membranes, increasing the calcium concentration within cells and improving localised calcium movement. This efficient technology means you get results with a low application rate.

Independent field trial data

Significant yield uplifts in Argentina

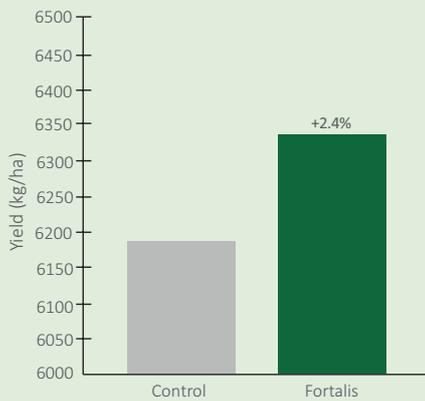
The two application timings were compared in five replicated trials in Argentina. 1 L/ha of Fortalis was applied either at; i) first flowering and 15-20 days later, or ii) mid-flowering (with a fungicide application) and 15-20 days later. Fortalis application gave a significant ($P < 0.05$) yield uplift of on average 333 kg/ha (10.3%). While an earlier application gave a larger yield uplift, the effect of the spray timing was not significant ($P > 0.05$).



Yield uplifts in US replicated trials

Three replicated trials were conducted in the deep south peanut growing region of the US. Fortalis was applied at 1 L/ha (14 fl.oz/acre) on three occasions (30, 45 and 60 days after planting).

The Fortalis treated plots yielded on average an additional 151 kg/ha (135 lb/acre) or 2.4%. This difference was significant at P<0.1.

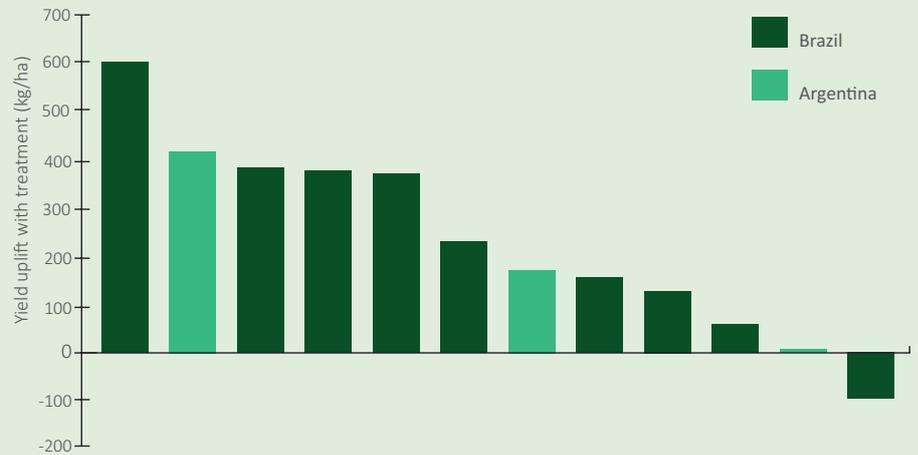


Yield uplifts in Brazil and Argentina on-farm trials

Twelve on-farm demonstration trials were carried out in Brazil and Argentina where Veritas and Fortalis were applied, respectively. In four sites, 1 L/ha was applied on one occasion, while on most sites there were two sprays each of 1 L/ha.

The treated plots were compared to a control plot alongside. The yield uplift of the treated plot compared to the control plot at each site, is shown in the graph below.

When averaged across all twelve trials, there was a 227 kg/ha (4.5%) yield uplift in the treated plots.

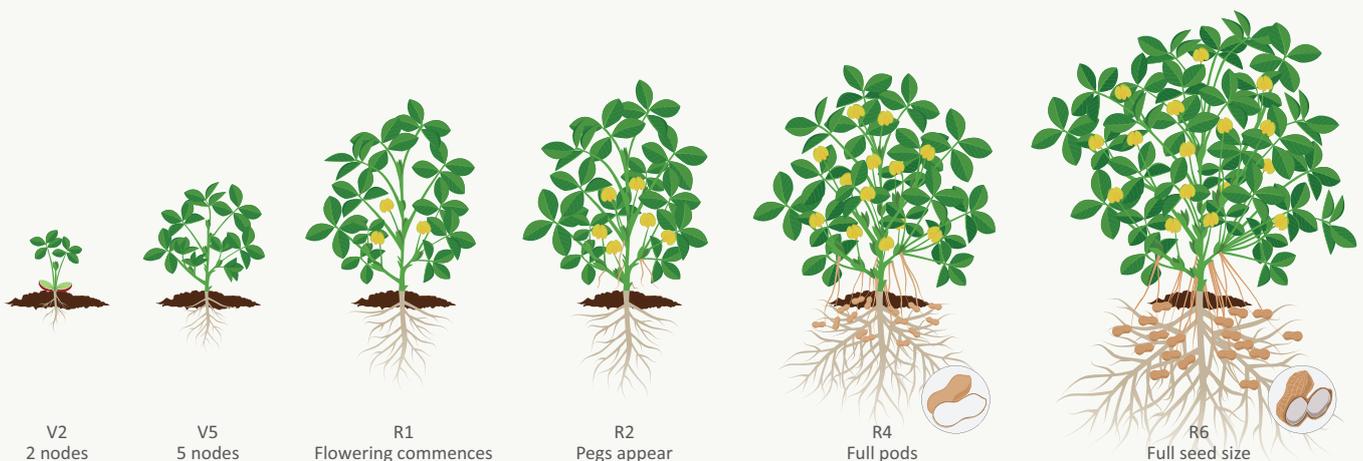


Directions for use

Shake well before use. Apply 1 L/ha at around R2 and again 2-3 weeks later. For more detailed advice, consult your agronomist.

Tank mixing

Veritas and Fortalis are compatible with most fungicides, insecticides, adjuvants and foliar fertilisers. Mixing with products containing high levels of sulphate or phosphate may cause precipitation. Always conduct a jar test before use to ensure physical compatibility.



Find more information on our CaT technology products for peanut at: www.plantimpact.com



Plant Impact is part of Croda International plc
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