

Get your crop off to the best start by making the most of residual and applied nutrients

Nutrien Ag Solutions is offering Liquid Boost, a flexible combination of Foundation[®] LM formulated with liquid phosphorus and zinc for use in summer row crop markets. Adequate supply of phosphorus and zinc is critical to crop establishment. We have three Liquid Boost solutions on offer, with two phosphorus sources and two different ratios of Foundation[®] LM. These options provide you the flexibility to tailor applied rates of nutrient and Foundation[®] LM per hectare based on your soil type at planting time.

Three In-Furrow Starter Solutions

LIQUID BOOST

7.6:10.2:00 Zn 0.6%
(Orthophosphate)
+
25% Foundation[®] LM

LIQUID BOOST START

10:15:00 Zn 0.74%
(APP)
+
25% Foundation[®] LM

LIQUID BOOST PLUS

4.5:6.5:00 Zn 0.37%
(Orthophosphate)
+
50% Foundation[®] LM

What is Foundation[®] LM?

Foundation[®] LM contains concentrated biochemistry that helps growers increase nutrient availability from both liquid fertilisers and nutrient in the soil, while enhancing crop root development and function.

By expediting the conversion of organic nutrients into inorganic, plant-available forms, Foundation[®] LM makes nutrients more available for plant uptake and utilisation, helping to optimise yield potential and provide growers with outstanding potential for return on investment.

Foundation[®] LM can also be used by growers seeking to extract nutrients locked in crop residues or trying to address soil compaction, soil salinity, and water management issues.

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Tech Notes



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Foundation® LM accelerates and enhances the function of soil chemistry and soil biology to improve nutrient availability

- Increases nutrient availability through mineralisation of organic matter
- Increases conversion of nutrients from unavailable forms into available forms in the soil solution
- Increases recovery of nutrients from liquid fertilisers and the soil
- Reduces loss of fertiliser to unavailable forms

Soil Test	Pre-Foundation® LM (mg/kg)	Post-Foundation® LM (mg/kg)
Phosphorus (Colwell)	16	26.7
Sulfate-S (KCI40) (Group)	6.1	25.4

Foundation® LM also directly stimulates plant and root growth

- Improves root development and growth
- Stronger root systems support better plant growth, increased access to nutrients and water, and better tolerance

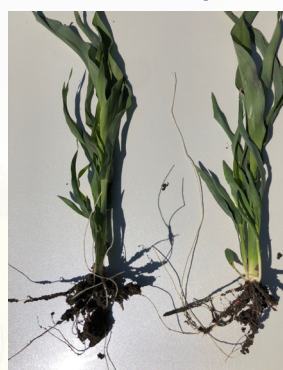
Cotton – Root Development with Foundation® LM



Untreated

Treated

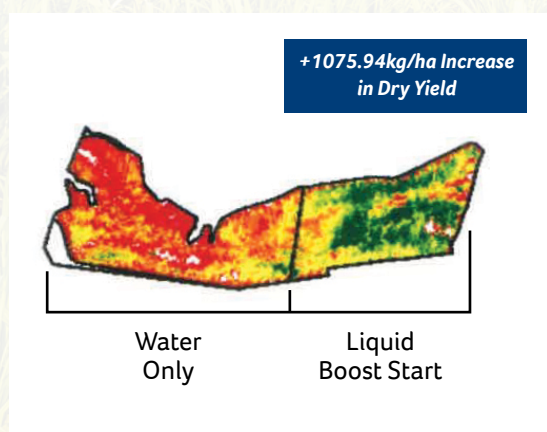
Sorghum – Plant and Root Growth with Liquid Boost



Untreated

Treated

Grain Sorghum – Gurley, NSW (2019)



Yield by Management Zone (kg/ha)

	640.01 - 1621.91
	1621.97 - 2184.16
	2184.19 - 2790.12
	2790.17 - 3531.46
	3531.74 - 5442.85