

Efficie-N-t²⁸

Slow release foliar nitrogen fertiliser

Meeting maize's need for Nitrogen in-season with Efficie-N-t 28 slow release foliar nitrogen fertiliser

Maize needs some 50% of its total nitrogen requirement from the 8th leaf stage through to tasselling, but a further 35% is needed to fill the cob, during August and September. However, losses due to leaching and volatilisation of seedbed applied nitrogen may leave the crop short of essential nitrogen during these later stages of growth.

Until now there has not been a safe product for in-season supplementary nitrogen application, however trials in 2012 and 2013, at six sites across the UK, have shown Efficie-N-t 28 can be effectively and safely used on maize and the results have shown an average fresh weight yield response of 13%.

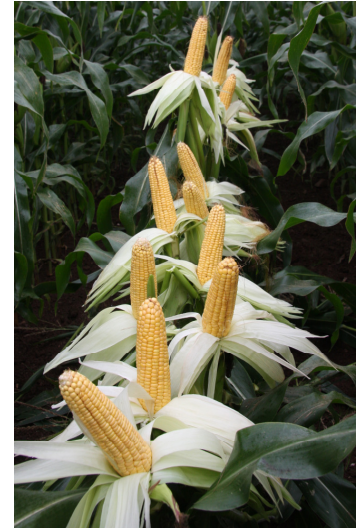
Applied in July, Efficie-N-t 28 helps meet the crops continuing need for nitrogen as the cobs begin to fill.

What is Efficie-N-t 28 (28.0.0)

It is a liquid foliar nitrogen fertiliser, based on urea polymers of variable lengths. The longer the chains, the slower they break down, resulting in a phased release of nitrogen over a total of 6-8 weeks, SCORCH FREE.

Proven over four years

An application of 25kg (20 litres) per hectare delivers 7kg of nitrogen which has been shown across a variety of crops to give the same response as 40kg of nitrogen supplied in 150kg of calcium ammonium nitrate. This is of particular benefit to those farming in a NVZ.

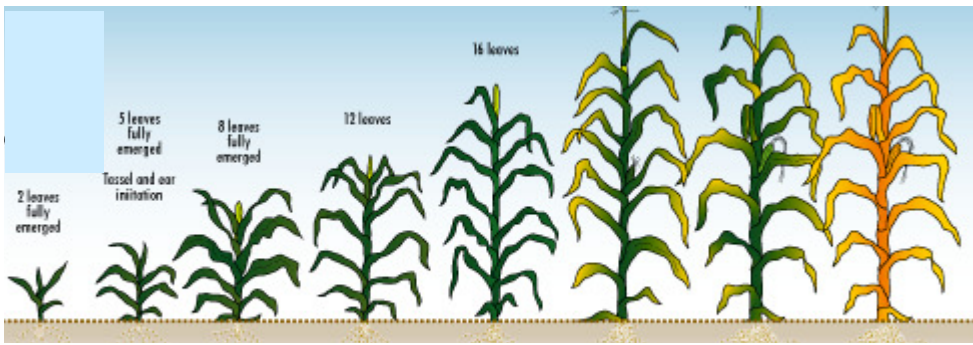


Efficie-N-t 28 benefits in Maize

- Average 13% increase in yield over controls
- 5x the efficiency of soil applied nitrogen
- Reduced nutrient losses following application and increased uptake by the crop
- Phased release over 6-8 weeks and is not prone to leaching or volatilisation
- Sticky technology ensures 100% uptake
- Scorch free and safe to apply unlike traditional foliar urea products
- Can be tank mixed with most fungicides
- Helps stay within N max
- Proven over four years in a variety of forage and arable crops
- Can be applied with a standard high clearance crop sprayer

Packed in: 20L (25kg) drums, 800L or 1000L IBC's.

Application rate: 20L/ha diluted in 100-300 L water



- 35% of the crop's nitrogen requirements are needed after tasselling
- Nitrogen deficiency at this stage will result in translocation of nitrogen from the leaves to the grain sites and loss of green leaf

Untreated
 180.3g/cob
 405 grains/cob
 TGW 444.5gms

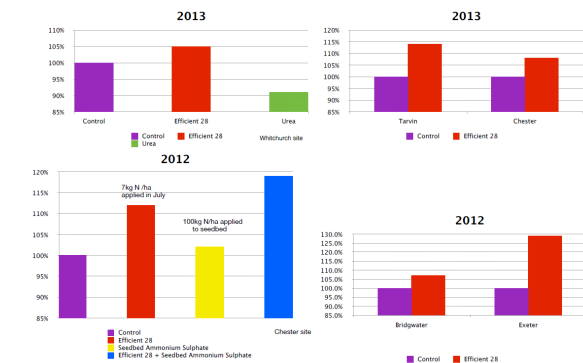


Efficient 28
 236.8g/cob
 445 grains/cob
 TGW 531.4gms

Efficient 28 Trials in Maize : Relative Total Fresh Weight Yields



Efficient 28 Trials in Maize : Relative Cob Weight Yields



Pack Size Litres	Area covered	Price per unit	Delivery cost (48hr)	Price per ha / acre
1000L IBC	50ha / 125 ac	£1725	Free	£34.50/ha £13.80/acre
800L IBC	40ha / 100 ac	£1380	Free	£34.50/ha £13.80/acre
40 * 20L drums	40ha / 100 ac	£1580	Free	£39.50/ha £15.80/acre
1 - 39 * 20L drums	1 - 39ha 1 drum = 1 ha / 2.5 acres	£39.50 / drum	£35	£39.50/ha £15.80/acre + delivery



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