



**AGROVITAL**  
**Efficie-N<sup>28</sup>-t**

**Urea based Foliar N fertiliser for increased yield, quality and efficiency... without the scorch!**



Efficie-N<sup>28</sup>-t 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 4 to 6 weeks.

The polymer chains break down to release Nitrogen as amide (NH<sub>2</sub>) groups which are the building blocks of proteins. This process is much more energy efficient than converting nitrate (NO<sub>3</sub>) into protein. It also avoids the "flush" growth of nitrate-based fertilisers which can weaken cell walls making the crop prone to diseases and lodging.

Efficie-N<sup>28</sup>-t can be tank mixed with most T2 and T3 spray programmes meaning less traveling over fields. Replace 40kgs of AN with 7kgs N from Efficie-N<sup>28</sup>-t for the same or better crop performance.

## Benefits

**Agro-Vital | Efficie-N<sup>28</sup>-t**

- **No Scorch**
- **Almost 100% uptake**
- **Tank mix with fungicides**
- **Accurate application**
- **No volatilisation or leaching**

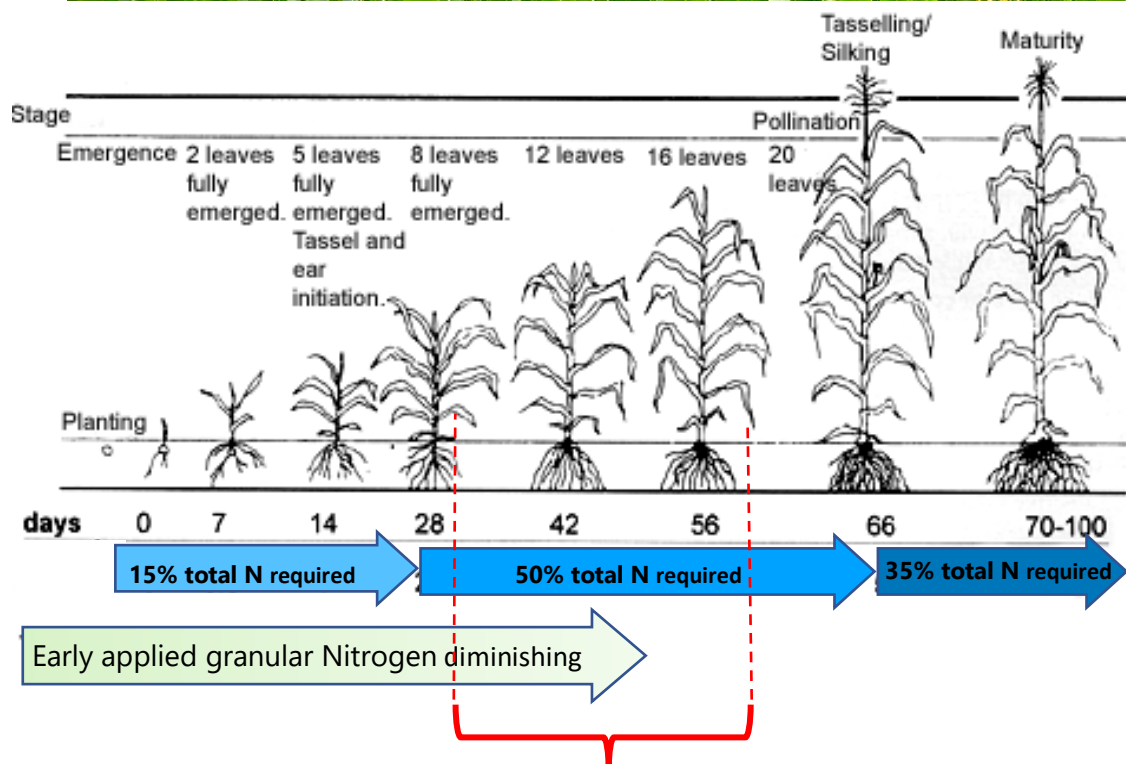
Maize crops might be starved of Nitrogen just when they need it most. Early applied fertiliser could have been used up or leached away by leaf stage 8 which is when Maize really starts to use Nitrogen to build yield and quality. 50% of the total Nitrogen requirement is from leaf 8 through to tasselling with a further 35% required for cob-fill, typically during August and September.





"Efficie-N<sup>28</sup>-t is so simple yet so effective. It has increased the quality and quantity of our crops and is so easy to use. We have reduced our AN application yet increased yield and protein"

Mr Stephens  
Arable Farmer



20 l/ha EfficieN<sup>28</sup>t provides 7 kg N/ha Over 6 - 8 weeks

(Equivalent to 40 kg N/ha granular fertiliser)

### Application:

As late as possible

(8-12 leaf stage)

20l/ha (25kgs/ha)

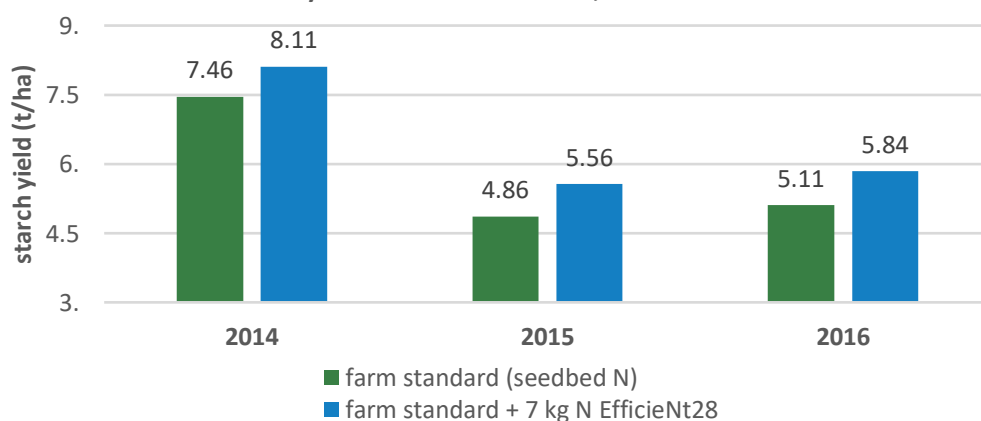
diluted in

100-300l/ha

of water

7kgs N/ha

Starch-yield results from Broxton, Cheshire



### Agro-Vital | Efficie-N<sup>28</sup>-t

Efficie-N<sup>28</sup>-t contains the highest ratio of Urea Polymers to free Urea of all popular foliar N fertilisers.

28% N = 22% Urea polymer + 6% Urea



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