

NEWS UPDATE

PolyNPlus cuts total nitrogen requirements and costs

The fertiliser market is in uncharted territory. Record high prices and shortages of nitrogen fertiliser combined with pressure to reduce nitrogen use for environmental reasons are creating a perfect storm.

Ammonium nitrate is currently very expensive and virtually unobtainable. Although urea is cheaper per kilo of nitrogen, it can be inefficient later in the season, particularly when conditions are dry. Today, the price of BFS's foliar nitrogen, PolyNPlus, is in line with urea.

Extensive independent trials of PolyNPlus Foliars have been conducted by NIAB, one of Britain's oldest agricultural centres, over several years. They show that about 25% less nitrogen is needed to produce the same or increased yields. At today's prices, it can also mean that the cost is even lower too.

Six different formulations

The PolyNPlus product range is formulated with ureic polymers, sulphur, magnesium, manganese, micro-nutrients and organic uptake enhancers. Uniquely, there are six formulations to meet different crop needs:

- PolyNPlus Cereals 32-0-0-6 + 0.1 magnesium, manganese, zinc and copper
- PolyNPlus ManMag 28-0-0-2.3 + 0.8 magnesium + 1.5 manganese
- PolyNPlus High Sulphur 30-0-0-18 + magnesium and manganese
- Straight PolyN 35N
- PolyNPlus Oilseed 30-0-0-12 + magnesium, manganese, copper, molybdenum and boron
- PolyNPlus Maize 30-0-0-6 + zinc.

PolyNPlus cuts carbon footprint

PolyNPlus is proven to be virtually 100% efficient. There are no ammonia losses to the atmosphere or nitrate losses to water courses - so no pollution. Nitrogen Use Efficiency (NUE) can be maximised. PolyNPlus is safe for the environment and improves your carbon footprint.

PolyNPlus can be tank-mixed

Combine PolyNPlus with your fungicide application and save the cost and time of an additional pass. PolyNPlus requires less storage space and, with fewer bags needed, there is less waste.

Guidance on how to use PolyNPlus

As a guide, and depending on soil and weather factors, 25 litres of PolyNPlus replaces 40-50 kgs of soil-applied nitrogen. Apply with fungicide applications ideally T1, T2 and T3. PolyNPlus can be applied in one application of up to 25 litres/ha or 10 litres/ha in each fungicide application.

It is suitable for oilseed rape at petal and green pod stage and maize at 8-12 leaf stage.

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What farmers think

Research findings over several years demonstrate that using PolyNPlus means significantly less nitrogen is needed to produce the same yields. Farmers agree.

Mike Allum, who farms in Suffolk, applied 160 kgs of nitrogen on his winter wheat in three applications followed by 25 litres of PolyNPlus. He was delighted with the results. The good areas yielded up to 12.3 tonnes per hectare and, on average including some very poor areas badly hit by drought, achieved 10 t/ha. He also used PolyNPlus on a second wheat crop which yielded an average 10 t/ha.

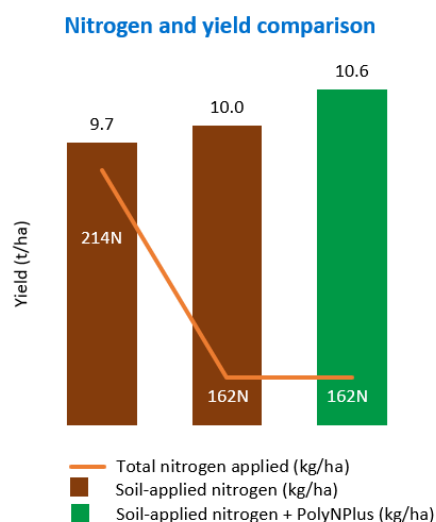
The chart shows the results one Essex farmer achieved on winter wheat. The field on which he used PolyNPlus produced a higher yield at a lower cost. On the other hand the third application of soil-applied nitrogen (the left hand bar of the chart) produced a lower yield. He felt that this was because it was applied in mid-April and was limited by lack of rainfall.

Paul Jannaway, a Wiltshire-based contractor working with several large landowners, said: 'PolyNPlus ticks all the boxes on an environmental front. I applied it along with crop protection products which saved another pass. This meant that I was able to get the right quantity on at the correct time. The yields and quality of the products we harvested were excellent. I applied PolyNPlus in all conditions, even when it was very hot and had absolutely no scorch. I believe we will be seeing a lot more of this product - PolyNPlus is the future.'

As well as using PolyNPlus successfully on wheat and rape, he has also used it on oats, just before the panicles or oat heads emerged and recorded a bumper crop.

Beware of imitations

PolyNPlus is the only foliar nitrogen which has been extensively and independently trialled.



For more information, please ring 01245 325849 or email info@bfsfertiliserservices.uk

The information in this leaflet is intended for guidance only. It is given in good faith but without guarantee. October 2022.