



AVAIL

Phosphorus Enhancer



Frequently Asked Questions.

What is AVAIL?

AVAIL® Phosphorus Fertiliser Enhancer is a water-soluble additive for granular fertiliser that creates a shield around the granule. This enables phosphate to remain free in the soil, providing an opportunity for greater plant uptake with minimal costs. AVAIL is the only phosphorus fertiliser enhancement of its kind.

What are the major benefits of AVAIL?

Research has shown 75 to 95 percent of phosphorus fertiliser is tied up, or fixed, in the soil. AVAIL is a revolutionary technology that helps solve the long-standing problem of poor phosphate availability. AVAIL provides:

- Greater phosphate efficiencies
- Improved yield potential
- Increased profitability

Does AVAIL tie up the nutrients in the soil?

AVAIL is only effective in the very small zone around the phosphorus. It does not change the overall nutrient availability in the soil.

What are the relevant crops for which AVAIL may be applied?

AVAIL is currently being applied with proven response to barley, wheat, grass, maize, oilseed rape, potatoes, carrots and onions.

Can AVAIL be used directly on the soil?

No. AVAIL is designed to prevent the fixation of applied phosphorus in the soil. Once untreated phosphorus has been applied to the soil and becomes fixed, there is no way to set it free.

What is the environmental impact of AVAIL?

There is no environmental footprint with the use of AVAIL. It is a water-soluble and biodegradable phosphorus-enhancement product. Studies show that the AVAIL polymer breaks down during the 10 to 12-month period between field crops, with no residual effect on subsequent crops.

Can AVAIL be leached out of the fertiliser application zone by rain or excessive moisture?

Work with flooded rice has shown that AVAIL gives season-long protection without being moved out of the nutrient zone by rain or irrigation.

Can AVAIL be used on manures?

With manure's extremely variable nutrient composition, as well as high volume usage, SFP does not recommend using AVAIL on solid or liquid manures.

Does the use of AVAIL lessen the amount of fertiliser needed?

Research work is under way to establish how the use of AVAIL may be able to lead to reduced phosphate fertiliser usage without compromising the unique benefits of AVAIL treated phosphate. Indications are that some reduction will be possible, however a number of studies have shown that using recommended phosphorus rates plus the AVAIL technology can lead to higher yields and increased profitability.

Should I broadcast or place AVAIL?

AVAIL is effective in both broadcasting and placement/banding applications.

Should AVAIL be used in the autumn or spring?

Research shows that AVAIL is equally effective applied in the autumn as it is in the spring.

AVAIL was developed in the US. Is it effective in Ireland?

Phosphate fixation is a global issue, and AVAIL is proven to work in any crop, soil type and climate.

Can I use AVAIL in Organic farm systems?

No. Although AVAIL is biodegradable and leaves no environmental footprint, it does not meet the requirements of Organic certification bodies.

For further details please contact your local fertiliser stockist or Goulding Fertilisers on 021 4911611 / www.gouldings.ie



AVAIL is a registered trademark of SFP.
2011 SFP. All rights reserved.