



wilchem

ROWLOADER RANGE

FURROW PK

Nutrients (by w/v): Phosphorus 100 g/L, Potassium 170 g/L

Furrow PK™ is an ideal source of available phosphorus and potassium to apply at seeding. It has a high loading of phosphorus and potassium in a neutral pH solution which allows compatibility with UAN in order to deliver an efficient NPK solution. Providing a stream of plant required nutrients into the furrow at planting creates the perfect environment for crop establishment and yield potential. Trials have shown that with quality liquids in furrow at seeding, lower application rates of phosphorus & potassium per hectare can provide the starter nutrition required to remediate risk and get the plant off to a great start. There are a number of factors that affect plant uptake of phosphorus and potassium. Two of the most prominent are low pH and sodium in the furrow at seeding. Furrow PK is designed to allow preferential uptake of phosphorus and potassium when the plant requires it.

BENEFITS INCLUDE

Furrow PK is the optimum product to deliver stable and available micronutrients in furrow. It is the ideal tank mix partner with UAN and an ideal product for soils with low levels or availability of phosphorus and potassium. Other benefits include:

- Cost effective liquid PK solution for furrow management
- Easy to apply and mix with UAN to improve nutrient uptake
- Increases access to nutrients for all plants when they require it
- Enhances deeper root growth more quickly

COMPATIBILITY

Furrow PK is compatible with a wide range of agricultural herbicides and pesticides. It is an ideal tank mix partner with UAN. Check the Compatibility Guide as a reference. Always do a small jar test before preparing a full tank mix.

DEFICIENCY SYMPTOMS

- Phosphorus is required early by the plant in large volumes. It is very immobile in soils: in low pH soils it can be unavailable due to lock up with iron and aluminium in acid soils and in high pH soils it can be unavailable due to lock up with lime. Phosphorus deficiency is difficult to identify in field, symptoms are quite general including: delayed maturity, poor growth and vigour.
- Potassium is a macro-nutrient and required in large amounts by plants. Potassium is essential in protein synthesis and increasing photosynthesis. It aids in carbohydrate metabolism and the breakdown/translocation of starches. By generally improving plant health and growth, potassium improves water-use efficiency, disease resistance and hardiness of the plant, leading to improved yield and quality. Symptoms of potassium deficiency include slow growth, yellowing of leaf tips and margins, scorching of leaf tips and lodging due to weak stems.

OTHER DETAILS

Liquid fertilisers can be corrosive to metals so flush equipment clean after use. Avoid inhaling fumes. Avoid contact with eyes and skin. Wash thoroughly with soap and water after handling. Protect product from frost and do not store for extended periods in direct sunlight.

	Applications	(Litre/Ha)	Comments
Broadacre Applications	Furrow injection	3.0 to 8.0 L/Ha	Inject product at or below the seed
	Soil Applied	5.0 to 10.0 L/Ha	Apply pre or post-sowing pre-emergent
	Foliar	4.0 to 6.0 L/Ha	Apply with a minimum of 80 L/Ha water