



# SIGNATURE CONTROL PK

## 20% Phosphorus, 30% Potassium

SIGNATURE CONTROL PK is formulated to deliver slow release phosphorus and high potassium to maintain quality turf. The slow release characteristics of Signature Control PK allow superior management of phosphorus as availability will take 14 -28 days to occur. The high levels of potassium will improve turf strength and durability.

Signature Control PK is a specially formulated slow release Phosphorus fertiliser designed to deliver a slowly available form of Phosphorus to turf while at the same time supplying sufficient quantities of potassium for strength and durability.

The mode of action for availability is due to the form of Phosphorus that Signature Control PK uses. In a reduced form (Phosphite PO<sub>3</sub>), Signature Control PK will convert to the oxidised form (Phosphate PO<sub>4</sub>) over a period of 14- 28 days. This controlled release action will eliminate any issues due to the sensitivity that some turf varieties exhibit to phosphorus and guarantee healthy quality turf. The role of Phosphorus is mainly in the formation of nucleic acids, DNA and RNA and in the formation of the energy compounds such as ATP. While the overall requirement in turf is lower than other plants, the need and importance of phosphorus is not diminished.

The second role for Signature Control PK is the delivery of Potassium. Potassium is essential in regulating the osmotic activity and turgidity of cells. Simply put, Potassium will control the water content of turf cells. Higher concentrations of potassium will toughen, harden and make turf more durable as water will not fill the cells and make the turf soft.

Signature Control PK contains no Nitrogen so the management of vigour and growth can be better controlled. The combination of slow release phosphorus and potassium in high concentration fits perfectly into the standards required for premium quality turf.

### DIRECTIONS FOR USE: TURF

Rate: 200 - 400 mL / 100m<sup>2</sup>  
Apply as required.

### APPLICATION NOTES:

Tees & Greens: 6 - 10 L water / 100 m<sup>2</sup>  
Fairways: 400 - 600 L water / Ha  
Apply early morning or late afternoon.

### PRODUCT ANALYSIS

		w/v%
Phosphorus (P)	as Potassium Phosphite	20.0
Potassium (K)	as Potassium Phosphite	30.0

### PRODUCT SPECIFICATIONS

S.G: 1.52  
pH (Neat): 7.0 - 8.0  
Appearance: Blue clear liquid  
Shelf Life: 3 years

### AVAILABLE PACK SIZES & WEIGHTS

5 Litre: 7.8  
20 Litre: 31.0  
200 Litre: 314.0  
1000 Litre: 1600.0