

# PURE TECH POTASSIUM

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**Optimise the return from your crops**

Fast acting foliar uptake • Active nitrogen management

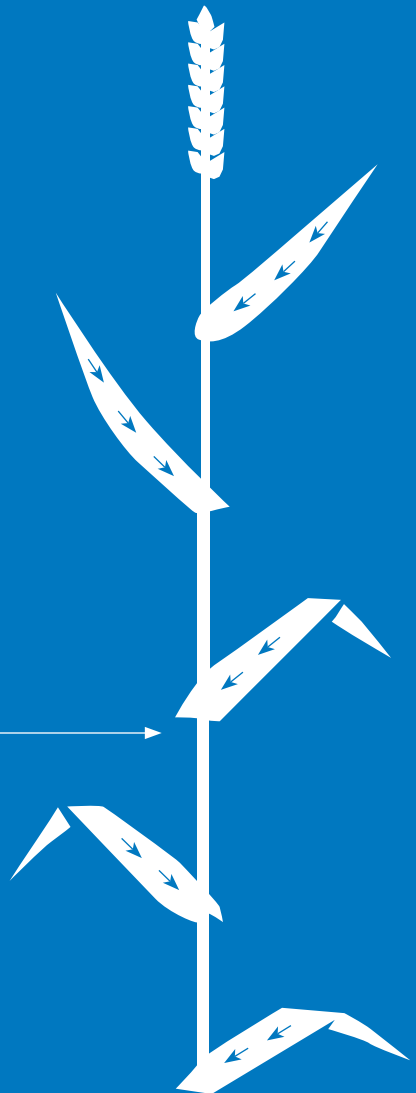
# Puretech Potassium is a pure form of Potassium for maximum uptake and efficiency within the plant to deliver optimum yield and quality.

The form of Potassium prevents any antagonism at the point of entry to the plant and to other tank mix partners.

Potassium is essential within the plant for carbohydrate transportation. Sugar is produced in the leaf and requires Potassium to move the energy within the plant for cell division and turgor to build stems, flowers and fulfil yields (ie grain fill, tuber bulking).

POTASSIUM IS VITAL TO TRANSPORT ENERGY AROUND THE PLANT

**Potassium is required throughout the plant's life from vegetative stage right through to the reproductive stage and harvest.**



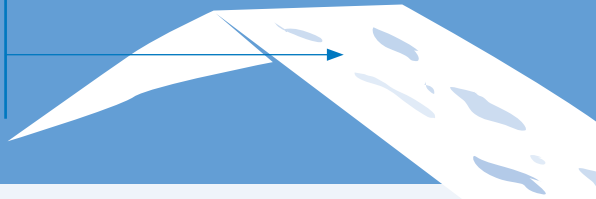
Puretech Potassium can be used on all Agricultural and Horticultural crops to great effect, especially if the soil type is 'light' because the sand content cannot hold Potassium. If the soil type is 'heavy' it is loaded with Potassium but if the soil dries then the Potassium will not be released.

In both cases Potassium could be a limiting factor for optimal growth especially limiting the transport of energy within the plant.

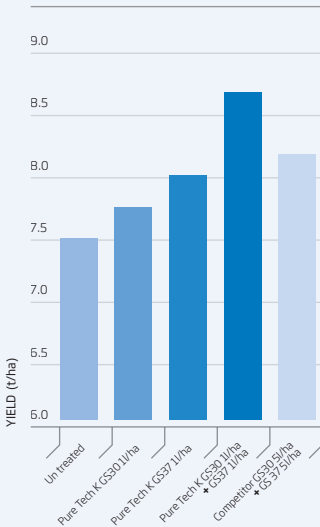
**POTASSIUM IS RESPONSIBLE FOR:**

- ✓ Catalysing enzyme processes promoting photosynthesis
- ✓ Production of sugar, storage and transport of carbohydrates
- ✓ Nitrogen efficiency is highly dependant on Potassium
- ✓ Potassium has a role in oil production and improves water use efficiency

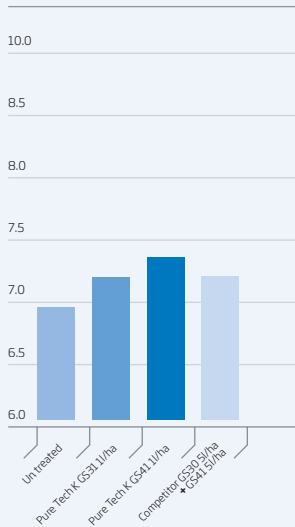
**Low leaf Potassium levels cause the movement of sugars on to the leaf surface. This creates an ideal micro climate for pathogens to grow and infect the plant**



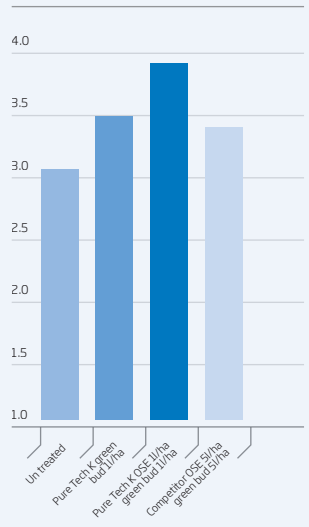
**Pure Tech Potassium on Wheat**



**Pure Tech Potassium on Spring Barley**



**Pure Tech Potassium on OSR**





No limiting factors - Healthy Plant - Healthy Yield and Quality

#### RECOMMENDATIONS

Use on all crops if deficiency is expected or found via leaf analysis.

Apply 1 to 3 litres per hectare along with any other tank mix partner.

#### ROUTINE SUGGESTION

##### **Cereals**

1.0 l/ha growth stage 30/32 .  
Repeated at growth stage 37.

##### **Oilseed Rape**

1.0 l/ha Onset of Stem Extension.  
Repeated at Green Bud Stage.

##### **Potatoes and Sugar Beet**

1.0 to 2.0 l/ha four weeks post emergence plus another two applications a fortnight apart.

For Further Information

**Tel** 01730 720100

**Email** [admin@vlsci.com](mailto:admin@vlsci.com)

Verdesian Life Sciences is a plant health and nutrition company that helps farmers maximise their investment. Our patented biological, nutritional, seed treatment and inoculant technologies provide innovative ways to maximise yields and stay ahead of the growing demand for crop production.