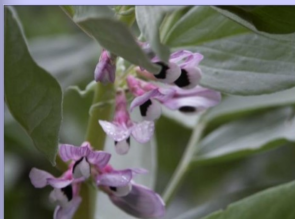


For further information contact  
John Mulhare @ 086-8229857.  
Gary Beirne @ 087-2547534

**Special points of interest:**

- Proven to give Yield increases in Pulse Crops
- Highly formulated for optimum uptake by the plant
- Compatible with widely used Pulse fungicides such as Signum
- Yield response of up to 0.8t\Ha in Spring Beans from a single application
- Up to 1/3 more pods per node.
- Also contains Sulphur, Magnesium and Manganese—essential for Pulse growth
- Suitable for a wide range of crops including Peas, Beans, OSR, Brassicas, Field Vegetables, Lupins
- Application Rate of 3.0Kg\Ha
- Add to the tank first!
- Pack Size—1 x 9Kg Bag



# Multiplex II

**For Increased Yields in Peas & Beans**

May 2019

**A formulated blend of fully water soluble nutrients, essential for healthy plant growth. For use as a foliar fertilizer to prevent and correct nutrient deficiencies in a wide range of crops and incorporating an in-built compatibility system to improve product tank mixing and overall product efficacy.**

Leading Pea & Bean Growers have learnt that using Multiplex II can give more pods per node, increased yields, and higher gross margins.

Multiplex II works by increasing root nodule and vascular system development and facilitates nitrogen uptake and movement of nutrients generated in the nodules.

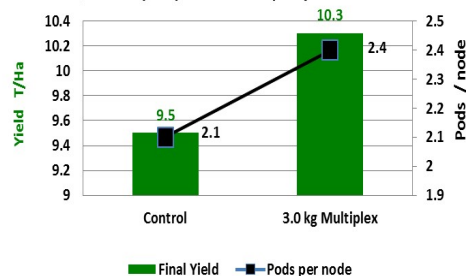
With most fields being deficient in Boron to some degree, Multiplex II applied at 3.0Kg\Ha to field beans and peas as soon as possible after establishment, and by the 3rd node stage, increases yield by supplying the correct Boron / Molybdenum nutrient complex.

Key to the response is the total availability and mobility of the Boron in the Multiplex II formulation, and the fact that it is co-formulated with the correct amount of molybdenum to enhance the boron's activity.

**Analysis (w/w)**

- Boron (B) - 8%
- Manganese (Mn) - 2%
- Magnesium (as MgO) - 6%

The effect of Multiplex on pods/node and final yield in boron and molybdenum deficient soil  
1/3 more pods/node 0.8T/Ha yield increase



- Zinc (Zn) 0.1%
- Nitrogen (as N) 4%
- Molybdenum (Mo) 0.04%
- Sulphur (as S) - 13%

**Why is Boron important in Pulse Growth?**

**Boron increases root nodule development and the vascular connection of the nodules to the root system, with a consequent increase in N production and utilisation. Boron is also required for other metabolic processes including**

- ◇ Sugar transport within the plant
- ◇ Carbohydrate and Nucleic Acid metabolism
- ◇ Cell wall metabolism
- ◇ Synthesis of cytokinins and transport of auxins
- ◇ Pollination and pollen viability

**Why is Molybdenum important in Pulse Growth?**

**Molybdenum is essential for many plant functions such as**

- ◇ Conversion of nitrates (NO<sub>3</sub>) into amino acids
- ◇ Action of symbiotic nitrogen fixing bacteria in legumes
- ◇ Conversion of inorganic P into organic forms in the plant