



PRODUCT INFO  
& DATASHEET

## SICO-PERPLEX SOYPULSE MIX DF

*For all leguminous crops, soybean and other pulse crops.*

### **1. PRODUCT DESCRIPTION & FORMULATION**

A new synergistically complexed dry flow micronutrients formulation for use in all leguminous crops.

**SICO-PERPLEX SOYPULSE MIX DF** contains the following essential nutrients for the soybean and other pulse crops :

Iron	(Fe)	2.5	g/kg
Manganese	(Mn)	80	g/kg
Zinc	(Zn)	3	g/kg
Magnesium	(MgO)	66	g/kg
Cobalt	(Co)	2.5	g/kg
Molybdenum	(Mo)	5.0	g/kg
Boron	(B)	35	g/kg
Sulphur	(S)	130	g/kg

Complexing & chelating agents : Citric Acid, LPCA, EDTA

#### **• Formulation**

This product is formulated with high levels of our unique "ACID PERPLEX" formulation system that will ensure **fast and efficient coverage, adhesion and uptake of the micronutrients at competitive cost.**

### **2. BENEFITS**

- In addition **the formulation is able to reduce the pH and 'condition' the spraying water by removing unwanted ions** that could interfere with either nutrient uptake or pesticide efficiency.
- The complexing materials in this formulation confer improved levels of compatibility and crop safety.
- **In terms of cost per hectare, the SICO-PERPLEX SOYPULSE MIX DF offers one of the most cost effective trace element treatments.**
- **The improved pod retention is best demonstrated in peas and beans**, where yield potential can be considerably increased by the improvement in pod numbers, and distribution throughout the plant. This improvement will only produce significant yield responses where subsequent moisture is adequate for complete pod filling. Where moisture availability is not restricted, and diseases are well controlled, then 5.0 T/ha pea crops are not uncommon under this nutritional regime, **and many 7.5 T/ha bean crops (both winter AND spring) have been recorded.**
- The amount of **Sulphur** provided by this mix, although not enormous, is significant in the overall Sulphur nutrition of the crop, particularly as it is so readily and efficiently absorbed and mobilised by the "ACID PERPLEX" formulation, and the timing of applications provides a useful top-up to macro-applications of Sulphur in other fertiliser forms.
- The dry-flow formulation offers **much higher levels of the vital elements at reasonable cost** when compared to other liquid rape and pulse mixes, allowing a re-evaluation of their use in overall agronomy.

### **3. USAGE RATE**

3 applications of 1.5 kg per hectare in minimum of 250 litres water per hectare, 10-14 days apart beginning at 3-4th true leaf stage in the crop.

### **4. PACKINGS**

1 / 10 / 25 kg

### **5. TANK MIXING COMPATIBILITY**

**SICO-PERPLEX SOYPULSE MIX DF** should be compatible with all organic pesticides, although if an uncertainty exists, carry out a jar compatibility test.

Always add **SICO-PERPLEX SOYPULSE MIX DF** to half filled spray tank, keep agitated and add other spray tank ingredients. If a pH problem exists with acidic mixes then the use of a recognised buffering agent is recommended.

### **6. WAREHOUSING**

Store dry, dark and cool. Store away from children, pets, livestock and foodstuffs.

### **7. WARNINGS**

Avoid spraying during the hottest hours of the day. In sensitive crops don't spray in full blooming. Keep the package well closed and far from the reach of children and pets. Avoid contact with eyes and skin. Wear suitable protective gloves & clothing. In case of eye contact, rinse abundantly with water and call a doctor.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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