



**PRODUCT INFO
& DATASHEET**

SICO - PERPLEX LIQUID NPK 7-35-25 + CTE + GS

Specially developed liquid fertiliser for foliar application.

12/2017

1/ PRODUCT DESCRIPTION

SICO-PERPLEX LIQUID NPK 7-35-25+CTE+GS can be used as a foliar fertilizer on all vegetable, field and soft fruit crops. SICO-PERPLEX LIQUID NPK 7-35-25+CTE+GS is a **specially developed liquid fertilizer designed to increase the uptake and availability of phosphates by the plant.** The GS (Growth Stimulant) being the condensed seaweed extract of *ascophyllum nodosum* for healthy roots and foliage

2/ PRODUCT SPECIFICATIONS

* CHEMICAL ANALYSIS (weight by volume):

| | | |
|---------------------------------------|---------------|---------------------|
| Total Nitrogen | (N) | 7.0% w/v |
| Ammoniacal N | | 7.0% w/v |
| Available Phosphate | (P2O5) | 35.0% (15.3% P) w/v |
| Available Potash | (K2O) | 25.0% (17.5% K) w/v |
| Manganese, as Mn Na ₂ EDTA | (Mn) | 0.2% w/v |
| Zinc, as Zn Na ₂ EDTA | (Zn) | 0.2% w/v |
| GS is <i>ascophyllum nodosum</i> | | 1.0% w/v |

* PHYSICAL DATA:

| | |
|---------------------|--------------------------------|
| Appearance | brown liquid |
| Odour | distinctive |
| Solubility in water | 100 % |
| Bulk Density | 1.38 – 1.42 g per litre +/- 5% |
| PH 1:100 W/V | 7.7 – 8.4 |

3/ SUGGESTED RATES OF APPLICATION

- All vegetables, soft fruit, tree crops and extensive field crops: Mix 1 to 5 litre SICO-PERPLEX LIQUID NPK 7-35-25+CTE+GS in 200-250 litres of water and apply evenly on emerging foliage at 3-5 leaves.

Apply no more than 20 litres per hectare on mature foliage in 200-250 litres water

- Tree and shrub Nurseries before transplanting, includes tea (camelia sinensis)

Mix 10ml per 15 litres of water. Apply by foliar spray every 3 to 4 weeks for the first 6 months; apply to run off

- Irrigation Systems in Greenhouse, etc: Continuous Feeding: Use 0.5 to 1.5 ml per litre

Occasional feeding, say 1x per week 0.8 to 1.8 ml per litre

4/ COMPATIBILITY

This is a high quality material that should leave no sediment when mixed with clear water. This product is compatible with most pesticides and fertilizers. It is advisable to test a small sample with any other materials used before volume mixing for compatibility. HS Code: 310551.00

5/ PACKINGS

Packed 12 x 1 litre bottle per carton, 1008 ltr per pallet, 10080 ltr per 20 ft fcl

Packed 4 x 5 litre can per carton, 1000 ltr per pallet, 10000 ltr per 20 ft fcl

Packed 2 x 10 litre can per carton, 1300 ltr per pallet space, 13000 ltr per 20 ft fcl

Packed 20 litre can, 1600 ltr per pallet space, 16000 ltr per 20 ft fcl

Packed 210 litre drum, 1680 ltr per pallet space, 16800 ltr per 20 ft fcl

Packed 1000 ltr IBC

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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 EVERY TIME THE *right* SOLUTION