

RS Series

Chelator Plus™

LIQUID FERTILIZER

Tetrasodium EDTA

Micronutrients play a vital role in plant metabolism. However, due to their insoluble nature heavy metals such iron, zinc, manganese, copper and molybdenum are not readily available to plants. **Chelator Pro** is a liquid-based formulation containing tetrasodium EDTA. The active ingredient has a strong affinity towards heavy metals as well as other positively charge cations and is able to bind to them efficiently. This greatly improves their bioavailability. This attribute also allows **Chelator Pro** to prevent the formation of insoluble salts in fertilizer and herbicide preparations.

微量营养是在素植物代谢的关键作用。由于它们铁、锌、锰、铜和钼等重金属的不溶性，植物不易获得这些养分。**Chelator Pro**的液体配方含有EDTA四钠。这成分与重金属类和其他带正电的阳离子很近似，可有效结合，并且改进它们的生体可用率。此属性还能够让**Chelator Pro**在肥料和除草剂制剂中防止形成不溶性盐。



1litre/5 litres

IMPROVE
Nutrient Bioavailability

Benefits of Chelator Plus
Improve their
Nutrient Bioavailability

Chelator Plus 的好处
提高营养生物有效性



Composition of Products 产品成份

Parameters	Chelator Plus Fertilizer
Tetrasodium EDTA /四钠EDTA	1M
pH	12.5 - 13.0
Density/浓度	1.20

Benefits of Chelator Plus 好处

Chelates micronutrients (Fe, Zn, Mn, Cu, Mo) to improve their bioavailability for plant uptake.	螯合微量营养素 (Fe、Zn、Mn、Cu、Mo) 让它们提高对植物吸收的生体利用率。
Prevents binding of micronutrients with phosphate to form insoluble complexes.	防止微量营养素与磷酸盐结合形成不溶性复合物。
Stabilizes fertilizer formulations when formulated with calcium rich preparations and/or hard water with high calcium content.	当与富含钙的制剂和/或高钙含量的硬水一起配制时，可使肥料稳定地发挥效用。
Stabilizes herbicide or other water-soluble herbicide formulations when formulated with calcium rich preparations and/or hard water with high calcium content.	当与富含钙的制剂和/或高钙含量的硬水一起配制时，可使肥料稳定地发挥效用。

Method of Application 使用方法



Recommendation

Dosage

Stabilization of fertilizer/herbicide

- Dilute 10 ml of CHELATOR PLUS in 10 L calcium rich liquid preparation or hard water and stir for up to five minutes to ensure complete chelation.
- Add in other fertilizers and/or herbicides and mix well.

Chelation of micronutrients

- Dilute 10 ml of CHELATOR PLUS in 10 L micronutrient rich liquid preparation and stir for up to five minutes to ensure complete chelation.
- Add in other fertilizers and/or herbicides and mix well.

对四季开花的使用推荐

用量

稳定化肥/除草剂的效用

- 在10升富含钙的液体制剂或硬水中稀释10毫升 CHELATOR PLUS，再搅拌至5分钟以确保完全螯合。
- 添加其他肥料和/或除草剂并混合均匀。
- 喷洒至作物。

螯合微量营养素

- 把10毫升的CHELATOR PLUS稀释进10升的微量营养素液体，并搅拌长达五分钟以确保完全螯合。
- 加入其他肥料和/或农药再搅拌均匀。



Product storage and safety measures

- Store in cool & dry area, away from food.
- Store at room temperature.
- Wear gloves when mixing.
- Spray in the direction of the wind.
- Avoid contact with eyes. If exposed, rinse immediately with clean water.

产品储存法和安全措施

- 存放在阴凉干燥处，远离食物。
- 在室温下存放
- 在混合时戴手套
- 在风吹的方向喷洒。
- 避免接触眼睛。如果眼睛受到沾染，立即用清水冲洗。



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