




Polysulphate

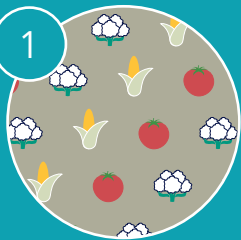


10

Ten reasons to use Polysulphate
Ten recommended rates for ten crops
硫酸钾钙镁的十大优势
十种作物硫酸钾钙镁的推荐施用量



1



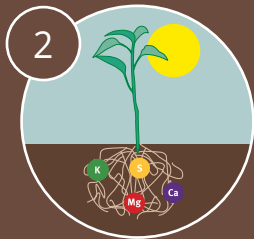
Polysulphate is an ideal natural source of nutrients for all crops in a wide range of growth conditions and soil types, especially in acid and saline-alkali soils, including field crops, cash crops and greenhouse production.

硫酸钾钙镁适用于从田间到温室等多种生长条件和不同土壤类型，尤其是酸性土壤和盐碱土，是粮经作物、果树和蔬菜等多种作物理想的天然肥料；



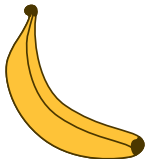
Tomato 西红柿

- Target yield: 5200 kg/mu (78 t/ha)
- Polysulphate recommended rate: 45 kg/mu (670 kg/ha)
- 目标产量：5200公斤/亩（78吨/公顷）
- 硫酸钾钙镁推荐施用量：45公斤/亩（670公斤/公顷）



Polysulphate can be broadcast or applied in a band near the seed. For any application method, Polysulphate is available to plant roots. Incorporating it into the soil further improves nutrient distribution in the soil profile.

硫酸钾钙镁可以撒施或条施，任何施肥方式都可以为作物根系提供有效养分，施肥后与土壤混合能进一步改善养分在土壤中的分布，更加利于根系吸收；



Banana 香蕉

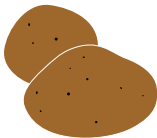
- Target yield: 5000 kg/mu (75 t/ha)
- Polysulphate recommended rate: 40 kg/mu (600 kg/ha)
- 目标产量：5000公斤/亩（75吨/公顷）
- 硫酸钾钙镁推荐施用量：40公斤/亩（600公斤/公顷）

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Polysulphate is an effective fertilizer and a compatible raw material in fertilizer blends (bulk blending) and granulation. Polysulphate provides base cations (Ca, Mg), as well as S and K, throughout the plant's growth stages.

硫酸钾钙镁既是一种有效的肥料，又是生产掺混/复混/复合肥的兼容性原料，可为作物整个生育期提供有效的钙、镁、钾和硫养分；



Potato 马铃薯

- Target yield: 3000 kg/mu (45 t/ha)
- Polysulphate recommended rate: 25 kg/mu (375 kg/ha)
- 目标产量：3000公斤/亩（45吨/公顷）
- 硫酸钾钙镁推荐施用量：25公斤/亩（375公斤/公顷）



Polysulphate is effective in extending shelf life and improving the quality of agricultural products by enhancing appearance and taste for better marketability.

硫酸钾钙镁可有效延长农产品储藏时间并改善农产品外观和口感，提高农产品品质和市场性；



Maize 玉米

- Target yield: 650 kg/mu (9.8 t/ha)
- Polysulphate recommended rate: 25 kg/mu (375 kg/ha)
- 目标产量：650公斤/亩（9.8吨/公顷）
- 硫酸钾钙镁推荐施用量：25公斤/亩（375公斤/公顷）

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Polysulphate enhances crops' resistance to drought, cold, diseases and lodging.

硫酸钾钙镁可增强作物抗旱、抗寒、抗病和抗倒伏能力；



Garlic 大蒜

- Target yield: 2000 kg/mu (30 t/ha)
- Polysulphate recommended rate: 15 kg/mu (225 kg/ha)
- 目标产量：2000公斤/亩（30吨/公顷）
- 硫酸钾钙镁推荐施用量：15公斤/亩（225公斤/公顷）

6

~~Cl~~

Polysulphate is an excellent K and S source for chloride sensitive crops including vegetables, fruits, nuts, tobacco, tea and potatoes.

硫酸钾钙镁可作为忌氯作物，如蔬菜、水果、坚果、烟草、茶树、马铃薯等的理想钾素和硫素来源；



Peanut 花生

- Target yield: 390 kg/mu (5.9 t/ha)
- Polysulphate recommended rate: 30 kg/mu (450 kg/ha)
- 目标产量：390公斤/亩 (5.9吨/公顷)
- 硫酸钾钙镁推荐施用量：30公斤/亩 (450公斤/公顷)



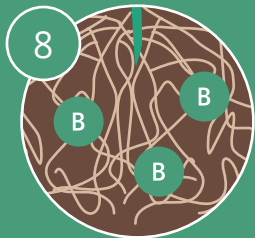
Polysulphate has a low salt index and neutral pH with no negative effect on soil pH and electrical conductivity (EC), which allows it to be a good source of S, K, Mg and Ca including under salt stress conditions.

硫酸钾钙镁低盐度和中性的特性对土壤pH和电导率无不良影响，可为盐胁迫条件下的作物提供有效的硫、钾、钙和镁养分；



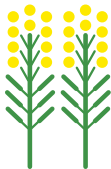
Carrot 胡萝卜

- Target yield: 4500 kg/mu (68 t/ha)
- Polysulphate recommended rate: 35 kg/mu (525 kg/ha)
- 目标产量：4500公斤/亩（68吨/公顷）
- 硫酸钾钙镁推荐施用量：35公斤/亩（525公斤/公顷）



Polysulphate contains boron (B), which is a key nutrient for oilseed, beet, radish, cabbage, celery, cauliflower, beans, sunflower, grape, apple and amongst other crops.

硫酸钾钙镁所含的硼是油菜、甜菜、萝卜、包心菜、芹、花椰菜、豆类、向日葵、葡萄和苹果等植物必需的营养分；



Rapeseed 油菜

- Target yield: 240 kg/mu (3.6 t/ha)
- Polysulphate recommended rate: 20 kg/mu (300 kg/ha)
- 目标产量：240公斤/亩 (3.6吨/公顷)
- 硫酸钾钙镁推荐施用量：20公斤/亩 (300公斤/公顷)

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Polysulphate is very effective in reducing cracking in citrus, grapes, apples, cherries and other fruits.

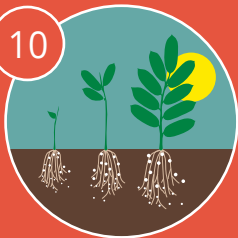
硫酸钾钙镁可有效降低柑橘、葡萄、苹果、樱桃等水果的裂果率；



Apple 苹果

- Target yield: 5200 kg/mu (78 t/ha)
- Polysulphate recommended rate: 30 kg/mu (450 kg/ha)
- 目标产量：5200公斤/亩（78吨/公顷）
- 硫酸钾钙镁推荐施用量：30公斤/亩（450公斤/公顷）

10



Polysulphate has a unique prolonged release of nutrients, which lowers the risk of leaching and improves nutrient use efficiency, especially in sandy soil in high-rainfall areas.

硫酸钾钙镁独特的养分缓慢释放特性，可降低养分的淋失风险，提高养分利用率，尤其在强降雨地区的砂质土壤上更为有效。



Soybean 大豆

- Target yield: 400 kg/mu (6.0 t/ha)
- Polysulphate recommended rate: 15 kg/mu (225 kg/ha)
- 目标产量：400公斤/亩（6.0吨/公顷）
- 硫酸钾钙镁推荐施用量：15公斤/亩（225公斤/公顷）



48% SO_3
(19.2% S)



14% K_2O
(11.6% K)



6% MgO
(3.6% Mg)







17% CaO
(12.2% Ca)

Polysulphate



Polysulphate is a registered trademark of ICL.

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The rates for the crops above are provided only as a guide. Please make appropriate dose adjustments according to other fertilizers input and soil fertility or consult local agricultural staff and dealers. 以上数据仅供参考，请根据与其他肥料配合的情况和土壤地力水平确定用量，适当增减，具体请咨询当地农技人员或经销商。

