





Soil fertiliser

- **60er Kali** 
 - **60er Kali® fine** is a highly concentrated single-nutrient fertiliser containing 60% K_2O as potassium chloride. It is a crystalline product ideally suited to the manufacture of compound fertilizers. It is the universal potash fertilizer suitable for all chloride tolerant crops and is applicable for all types of soil.
 - **60er Kali® dustfree** is a highly concentrated single-nutrient fertiliser containing 60% K_2O as potassium chloride. It is a crystalline product ideally suited to the manufacture of compound fertilisers. It is the universal potash fertiliser suitable for all chloride tolerant crops and is suitable for use on all soil types.
 - **60er Kali® gran.** is a highly concentrated single-nutrient fertiliser containing 60% K_2O as potassium chloride. It is the universal potash fertiliser suitable for all chloride tolerant crops and is suitable for use on all soil types. It has an ideal particle size distribution and is highly suitable both for use as a straight fertiliser or for bulk blending. It has a high spreading quality and can be applied with all modern fertiliser spreaders.
 - **60er Kali® gran. B** is a highly concentrated single-nutrient fertiliser containing 60% K_2O as potassium chloride. It is the universal potash fertilizer suitable for all chloride tolerant crops and is suitable for use on all soil types. It has an ideal particle size distribution and is highly suitable both for use as a straight fertiliser or for bulk blending. It has a high spreading quality and can be applied with all modern fertiliser spreaders.
- **Patentkali®** 

is a special potash fertiliser with a high content of magnesium and sulphur. The nutrients are present in the form of sulphate, are water-soluble and therefore immediately available to the plants. It is unaffected by the soil pH and is therefore suitable for application to all sites. It ensures a high quality spread pattern due to the uniform particle size spectrum, enabling a precise distribution even at wide spreading widths. It is approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.

30 % K_2O water-soluble potassium oxide

10 % MgO water-soluble magnesium oxide

42.5 % SO_3 water-soluble sulphur trioxide

- **Magnesia-Kainit®** Magnesia-Kainit® is a mined crude potash salt, containing the valuable mineral kieserite. Magnesia-Kainit® with potash, magnesium, sodium and sulphur is a particularly cost-effective fertiliser suitable for application to grassland, forage crops and sugar beet. a-Kainit® may also be used as an effective product for other sodium loving crops (eg. carrots, fodder beet, chard, asparagus etc.). All nutrients are 100 % water-soluble and therefore immediately available to crops. The solubility is unaffected by the soil pH and is therefore suitable for use on all soil types. With 35 % Na_2O , Magnesia-Kainit® significantly improves the palatability of pastureland. It is a unique K fertiliser because it is balanced with sodium and magnesium to reduce the risk of metabolic disorders in livestock. Application of Magnesia-Kainit® to grass has a direct and measurable effect on the mineral content of the forage. It is a coarse fertiliser. The granule size spectrum ensures accurate spreading at both widths up to 36m. It is, as a crude salt, approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems. It is also certified by the Soil Association for use in organic agriculture (Certified, Restricted).

- **ESTA® Kieserit. Gran.**

ESTA Kieserit



- **ESTA® Kieserit fine** is a sulphate based magnesium and sulphur fertiliser with 27% MgO and 55% SO_3 . It contains the nutrients magnesium and sulphur in an immediately plant available (water-soluble) form. It is an efficient Mg- and S-source for all crops in all types of soil regardless of soil pH. It is available as a fine crystalline product suitable for the production of compound fertilisers as well as for straight manual application. It is, as a crude salt, approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.
- **ESTA® Kieserit 26 fine** is a sulphate based magnesium and sulphur fertiliser with 26% MgO and 53% SO_3 . It contains the nutrients magnesium and sulphur in an immediately plant available (water-soluble) form. It is an efficient Mg- and S-source for all crops in all types of soil regardless of soil pH. It is available as a fine crystalline product suitable for the production of compound fertilisers as well as for straight manual application. It is approved according to regulation (EC) 834/2007 and 889/2008 for use in organic farming systems.
- **ESTA® Kieserit gran.** is a sulphate based magnesium and sulphur fertiliser with 25% MgO and 50% SO_3 . It contains the nutrients magnesium and sulphur in an immediately plant available (water-soluble) form. It is an efficient Mg- and S-source for all crops in all types of soil regardless of soil pH. It has excellent spreading properties due to ideal particle size distribution and granule hardness. It can be

applied accurately and efficiently with all modern fertiliser spreaders. It is suitable for the production of compound fertiliser as well as for straight manual application. It is approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.

- **KALISOP®** 

- **KALISOP® low chlorine max. 0,5% Cl**
51% K₂O water-soluble potassium oxide
45% SO₃ water-soluble sulphur trioxide
KALISOP® is a highly concentrated two nutrient fertiliser with 51% K₂O and 45% SO₃. It is water-soluble, so that the nutrients K and S are immediately plant available. It is virtually chloride free and therefore ideal for chloride sensitive crops. It has a low salt index and thus is particularly suitable for valuable special purpose crops in intensive cropping systems. It is approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.
- **KALISOP® fine** is a highly concentrated two nutrient fertiliser with 50% K₂O and 45% SO₃ in the sulphate form. It is water-soluble, so that the nutrients K and S are immediately plant available. It is virtually chloride free and therefore ideal for chloride sensitive crops. It has a low salt index and thus is particularly suitable for valuable special purpose crops in intensive cropping systems. It is approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.
- **KALISOP® gran** is a highly concentrated two nutrient fertiliser with 50% K₂O and 45% SO₃ as sulphate. It is water-soluble, so that the nutrients K and S are immediately plant available. It is almost chloride free and therefore ideal for chloride sensitive crops. It has a low salt index and thus is especially suitable for valuable special purpose crops in intensive cropping systems. It is approved according to regulation (EU) 2018/848 and (EC) 889/2008 for use in organic farming systems.
- **KALISOP® Premium max. 1.5% Cl** is a spherical granular SOP that makes accurate spreading up to 48m bout widths possible. It is ideal for blending because of its round shape and excellent granule stability. It is a highly concentrated two nutrient fertiliser with 50% K₂O and 43.7% SO₃ as sulphate. It is water-soluble, so that the nutrients K and S are immediately plant available. It is almost chloride free and therefore ideal for chloride sensitive crops. It has a low salt index and thus is especially suitable for valuable special purpose crops in intensive cropping systems. It is approved according to regulation (EC) 834/2007 and (EC) 889/2008 for use in organic farming systems.

Solu Family – fertigation

- **SOLUMOP**  **60% K₂O** is a completely soluble potassium chloride fertiliser. It is an ideal source of potassium for use in fertigation and foliar fertilisation. It can be used for all crops that are not sensitive to chloride (including oilseed rape, cereals, corn, sugar beet) and is tolerated very well by plants. It can be combined with EPSO products (magnesium sulphate and trace elements) without any problems.
- **SOLUSOP 52**  is a fully water soluble fertiliser and an ideal source for potassium (K) and sulphate (S) supply to crops. It provides both potassium and sulphur with

the highest possible concentration (52 % K₂O; 45 % SO₃) in a rapidly available form. It is virtually free of chloride and sodium, therefore it is suitable for a wide range of crops, especially for the ones which are sensitive to chlorine and salt in the soil. It possesses a low salt index, which will avoid initial salt stress to the roots in the early growth phases or in young orchards. Moreover, due to its acidic pH, soluSOP[®] 52 is highly soluble and can be used even in areas with suboptimal irrigation water quality. It has the potential to satisfy both the potassium and sulphur demand of crops making it a very suitable fertiliser for the whole growth period fitting a wide range of crops and orchards. Its application not only ensures crop growth and yield increase, but also improves crop quality as well as enhancing the tolerance to abiotic stresses such as drought and frost. It can be used in both foliar applications and fertigation systems as well as fertiliser blends.

- **SOLUSOP ORGANIC 52**  provides both potassium and sulphur with the highest possible concentration (52 % K₂O; 45 % SO₃) in a rapidly plant available form. It is virtually free of chloride and sodium, and it possesses a low salt index and a relatively alkaline pH. It is therefore suitable for a wide range of crops and is appropriate for soils with acidic to moderate pH levels. The application of soluSOP[®] 52 organic has the potential to satisfy both the potassium and sulphur demand of crops, making it a very suitable fertiliser for the whole growth period, fitting a wide range of crops and orchards. soluSOP[®] 52 organic application not only ensures crop growth and yield increase, but also improves crop quality as well as enhancing the tolerance to abiotic stresses such as drought and frost. It can be used in both foliar applications and fertigation systems as well as fertiliser blends. This product is certified for the use in organic farming according to the regulations (EC) No 834/2007 and (EC) No 889/2008 and is therefore well suited for both organic and conventional farming.
- **EPSO Top[®]**  16% MgO, 32,5% SO₃ water-soluble sulphur trioxide . It is a quick acting magnesium and sulphur fertiliser for foliar application. The nutrients are fully water-soluble and are present in the sulphate form (MgSO₄ × 7 H₂O). It dissolves rapidly and without residue in water and is therefore perfectly suited to foliar application with a sprayer and also for fertigation through irrigation systems.
- **EPSO Microtop[®]**  15% MgO water-soluble magnesium oxide and 31% SO₃ water-soluble sulphur trioxide, 0,9% B water-soluble boron and 1% Mn water-soluble manganese. It is a quick acting foliar fertiliser, containing the nutrients magnesium and sulphur as well as boron and manganese. All nutrients are water-soluble.
- **EPSO Combitop[®]**  is a quick acting foliar fertiliser, containing the nutrients magnesium and sulphur as well as boron and manganese. All nutrients are water-soluble.
- **soluSOP[®] 52**  is a fully water soluble fertiliser and an ideal source for potassium (K) and sulphate (S) supply to crops. It provides both potassium and sulphur with the highest possible concentration (52 % K₂O; 45 % SO₃) in a rapidly available form. It is virtually free of chloride and sodium, therefore it is suitable for a wide range of crops, especially for the ones which are sensitive to chlorine and salt in the soil.
- **Korn-Kali[®]**  is a combined potash and magnesium fertiliser with 40% K₂O in the form of potassium chloride and 6% MgO in the form of magnesium sulphate (Kieserite). Further important constituents are 4% Sodium as sodium chloride (Na₂O) and 12.5% Sulphur

as sulphate (SO_3). It contains all nutrients in a fully water-soluble form, which are therefore directly available to the plants, independent of soil pH. It has a uniform particle size spectrum securing a precise spreading quality and enabling a constant distribution even at wide spreading widths.