



K-LEAF™

*100% soluble potassium sulphate
fertilizer for foliar application*

Uses

A high quality fully and rapidly soluble formulation of potassium sulphate designed to suit to modern spraying machines thereby making foliar application of potassium a truly practical proposition.

Suitable for arable, vegetable, fruit and most other crops.

A detailed K-LEAF™ Application Guide is available on request from the address below.



Benefits

1. Potassium management

Foliar applications of SOP are known to stimulate and improve the uptake of the earlier soil applied potassium. Similarly foliar applications can enable the farmer to precisely match crop needs with supply. As a result, fertiliser efficiency is increased and waste eliminated where, for example, because of growing conditions a crop will finish well.

2. Improved crop profitability.

Better profitability is achieved through increased yields and improved quality.

3. Environmental considerations

Foliar applications of potassium sulphate can reduce the burden of chlorine in soils that comes from soil applied chloride-based fertilisers. Similarly electrical conductivity (EC) of soils is not increased.

Physical/chemical data

Appearance White powder

Solubility in water	120 g/l (at 20°C)
Bulk density	1.44 kg/l struck (1.10 kg/l loose)
Typical analysis:	0:0:52 + S
	Potassium as K ₂ O 52 %
	Sulphur as SO ₄ 56 %
	Chloride as Cl 0.3 %
pH (1 % solution)	2.9

Directions for use – Field Crops

Application rates: 2.5 – 10 kg per ha (typically 6.0 kg/ha for a single application).



Directions: Apply as a conventional foliar spray using a convenient volume of water to suit the crop being sprayed – typically 200 litres per ha. Observe normal foliar application precautions. Do not exceed 10% concentration e.g. 10kg K-Leaf in 100lt spray solution.

Application Timing: In general, begin applications early in the season when there is sufficient leaf area to absorb the spray.

Crop specific directions are tabulated below:

Crop	Rate of use (kg/ha/application)	Number of applications	Application stage
Wheat	5 to 10	1-2	End of booting to grain filling
Maize	4 to 10	1-2	Starting at 5-7 leaves
Potato	5 to 12	2-4	During 4-5 weeks from tuber initiation
Oilseed rape	4 to 10	1-2	Up to flowering
Sugar Beet	6 to 12	2-4	Full coverage

Directions for use – Fruit crops

Application rates: Variable but typically 6.0 kg/ha for a single application. See table

Directions: Apply as a conventional foliar spray using a convenient volume of

water to suit the crop being sprayed – typically 600 - 800 litres per ha. Observe normal foliar application precautions.

Application Timing: In general, begin applications early in the season when there is sufficient leaf area to absorb the spray.



Crop specific directions are tabulated below:

Crop	Rate of use (kg/ha/application)	Number of applications	Application stage
Top fruit eg apples/pears	5 – 14	2 - 3	After flowering
Soft fruit eg Strawberries	5 – 10	1 - 3	After flowering
Grapes	6 – 12	3 – 5	From 1 week before flowering

Compatibility

K-LEAF™ is compatible with many other foliar fertilizers and crop protection chemicals **except those containing calcium**. Contact Solufeed for further advice.

General information

Packaging: 20 kg polythene bags, 56 per standard pallet.

**Harmonised
Tariff No** 31043000

Technical service: For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

Precautions

Always read product label fully before use.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

Please note that products may differ or be unavailable in certain territories.

Solufeed Ltd has marketing exclusivity for K-LEAF™ in the United Kingdom and Republic of Ireland.

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Solufeed Ltd
The Depot
Chichester Road
Sidlesham Common
Chichester
West Sussex PO20 7PY
Tel: +44(0)1243 554090
enquiries@solufeed.com
www.solufeed.com