



HIGH-K Organic*


WATER SOLUBLE POTASSIUM | NPK 0-0-43 SULFUR 18% W/W



WHY IS YOUR CHOICE IN POTASSIUM NUTRITION IMPORTANT?

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Potassium is essential to healthy plant growth and crop yields and a deficiency at any stage during a crops' development can lead to significant yield reductions.
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Potassium is a highly mobile nutrient and so management of potassium levels in the soil and plant throughout the crop cycle is critical to maximising crop yields.
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Potassium is a major nutrient in crops with concentrations in plants being between 15,000 – 50,000 ppm so loss of potassium from paddocks due to potassium removed with the crop can be between 20-400 kg/ha.

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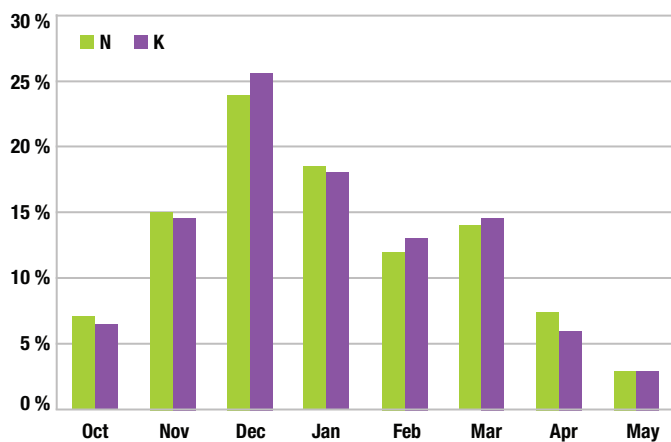
WHY CHOOSE HIGH-K ORGANIC?

Potassium nutrition needs to be supplied in a form that delivers the maximum amount of potassium in the most efficient way to be assimilated by the plant. OCP High-K is a very high analysis source of potassium and because of its high solubility it can be applied through irrigation or as a foliar application at any time throughout the crop cycle. This ensures that potassium nutrition demands can be met all season long, removing any chance of a yield-limiting potassium deficiency event occurring.



High purity, free flowing & uniform particle size

SEASONAL NITROGEN & POTASSIUM CONSUMPTION BY POME FRUIT



(Graph extracted from French Research Centre Publication: Le centre technique au service de la filière fruits et légumes)

TYPICAL ANALYSIS [^]	% w/w	
Potassium (K) as sulfate	43 %	min
Sulfur (S) as sulfate	18 %	min
Chlorine (Cl) as chloride	1.0 %	max
Insolubles	0.1 %	max
Solubility (in water at 20 °C) 110g/L		

[^]As this product is made from natural ingredients, some variation can occur between batches

CROP	Recommended dosage for fertigation (kg/ha)	Foliar rates (kg/ha)	Dilution % (w/v)
Cereal: wheat, rice, corn, oat, barley	100-175	2-5	1.5 - 2.0
Rapeseed	75-200	3-6	1.0 - 1.5
Fruit trees: stone fruit, almonds, olives, apples, pears, kiwi fruit	150-250	7-10	2.8 - 3.5
Fruit trees: mango, avocado	75-175	7-10	2.8 - 3.5
Citrus	150-400	9-12	3.0 - 4.0
Vegetables: tomato, cucumber, pepper, eggplant	250-450	5-8	1.0 - 1.5
Onion, garlic	100-150	3-5	2.0 - 3.0
Cabbage, broccoli, cauliflower	75-150	5-8	1.0 - 1.2
Potato, carrot	200-350	4-6	2.0 - 3.0
Grape	200-500	7-10	2.0 - 3.0
Ornamentals	50-150	3-6	1.0 - 1.5

RECOMMENDATIONS FOR FOLIAR & IRRIGATION APPLICATION

Foliar Applications: OCP High-K Organic is more soluble at lower pH values and most foliar fertilisers work best at pH<4.5. Adjusting the tank pH with Maxi-Buff Organic is advised as well as make sure the water temperature is as warm as possible. Where ever practical use rainwater or town water for mixing and applying foliar sprays. The use of bore or dam water with high salinity or bicarbonates is not recommended.

Irrigation: If applying soluble fertilisers through irrigation systems check that your water source has medium/low salinity levels EC <270 mS/m to maintain adequate solubility.



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*Approved input for Organic Farms