

SYSTEMIC

K-FORTETM POWDER

0-20-40

Soil applied Potassium
& Phosphorous Product

GUARANTEED ANALYSIS

Total Product
Basis %/w/v

Total Nitrogen (N)	0.0
Total Phosphorous (P)	20.0
Total Potassium (K)	40.0

0.17% W/V Humic acids present as potassium humate.

GENERAL INFORMATION

At times of stress, before flowering, and peak fruit/crop growth, the need for Potassium and Phosphorus increases. Most crops suffer from Potassium and Phosphorous deficiencies during these stages despite high soil levels. Both Potassium and Phosphorus are essential especially during early and later stages of crop development.

Proper nutrient balance in the soil is essential for high yielding crops to achieve their full yield potential. However, applying nutrients to deficient soils will result in minimal uptake from the soil if the plant is unable to absorb these minerals from the soil and utilise them for growth. **K-Forte Powder** is formulated to provide the best available source of Potassium and Phosphorous to the plants through the soil system.

Application of **K-Forte Powder** at the proper times will result in healthier crops, greater retention of flowers and fruits, and consequently results in higher yield and better quality.

ADVANTAGES & BENEFITS

K-Forte Powder contains phosphorous and a high concentration potassium. Potassium aids in the development of stems and leaves and is essential to the formation and translocation of protein starches, sugar, and improve the size and quality of fruit, grains and tubers. Potassium also functions to increase disease resistance and hardness of the plant and is important in plant water uptake.

K-Forte Powder combats Potassium and Phosphorus

deficiencies in a very prompt and quick way.

K-Forte Powder is nitrogen free. Its application will not favour high Nitrogen levels at the end of the season, a factor normally associated with fruit softness and continued vegetative vigour and low tendency for ripening.

K-Forte Powder brings out the colour, size, flavour, and higher Baume levels (higher sugar content) hence premium quality grapes. **K-Forte Powder** also aids sugar accumulation in grapes and fruit when applied at or the onset of ripening, and then two weeks before harvest.

K-Forte Powder helps winter growth especially in lower than expected temperatures as well as inadequately heated green houses when crops are stunted

COMPATIBILITY

Always run a compatibility test before spraying **K-Forte** with other chemicals.

K-Forte is compatible with almost all fungicides and insecticides.

K-Forte is **INCOMPATIBLE** with trace elements, Magnesium and Calcium foliar nutrients.

PLANT and ENVIRONMENTAL SAFETY

K-Forte is totally harmless to plants even when recommended rates are exceeded. Exceeding recommended rates is however unnecessary.

K-Forte is totally harmless to both humans and wildlife and is environmentally friendly.

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APPLICATION GUIDELINES

CROP	TIME OF APPLICATION		RATE OF APPLICATION
APPLES & PEARS	1 st application 2 nd application	Onset of ripening 2-3 weeks before harvest	5 — 8 kg / ha 5 — 10 kg / ha
GRAPES (TABLEGRAPES, & DRIED FRUIT)	1 st application 2 nd application	Onset of ripening (veraison) 2-3 weeks before harvest	5 — 8 kg / ha 5 — 10 kg / ha
WINEGRAPES	1 st application 2 nd application	Onset of ripening (veraison) 2-3 weeks before harvest	5 — 8 kg / ha 5 — 10 kg / ha
KIWI GOLD and HAYWARD	1 st application 2 nd application	Onset of ripening 2-3 weeks before harvest	5 — 8 kg / ha 5 — 10 kg / ha
STONE FRUIT , NUT CROPS & CHERRIES	1 st application 2 nd application	Onset of ripening 2-3 weeks before harvest	5 — 8 kg / ha 5 — 10 kg / ha
STRAWBERRY & ALL BERRY CROPS	3-4 applications	Beginning before flowering and repeat every month or as needed	5 — 8kg / ha
TOMATO, CAPSI- CUM and other VEGE- TABLE CROPS	3-4 applications	Beginning before flowering and repeat every month or as needed	5 — 8kg / ha

For information on application rates and timing for crops not listed on this brochure, please contact your local distributor or visit the RSF website at www.rd2.co.nz



It is always advisable that a leaf sample be taken before applying fertilisers to best ascertain the levels of elements and the nutrient requirements of the crop.

K-Forte Powder is very effective early in the season when there is a demand for water soluble forms of Potassium and Phosphorous just prior to flowering when the soil is still too cool to release these important elements from the soil. **K-Forte Powder** is great for vines, veggies as well as all tree crops.

K-Forte Powder is very effective for use when foliar applications are not possible. An example is when table grapes are covered and it is very difficult to make a canopy spray of Potassium and Phosphorous to support the vines when the demand for these elements is at its highest.

K-Forte Powder can be used on any covered crop whether it be indoors or outdoors.



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