

A close-up photograph of a hand with red-painted nails holding a ripe red apple. The hand is wearing a red and white plaid shirt. The background is a blurred orchard with many other red apples hanging from trees. The lighting is bright and natural, suggesting a sunny day.

Amicult™ K42

Engineered to fertilize smarter

Amicult™ K42 is a chloride-free potassium formate-based fertilizer. Thanks to its formula, Amicult™ K42 enhance the absorption of Potassium by plants, both by foliar or root absorption, leading to better and healthier yields.

This water soluble, safe solution is designed to maximize the efficiency of Potassium use by plants, allowing to reduce Potassium input along the crop cycle.

Amicult™ K42 is a highly concentrated water solution of Potassium Formate, supplied as NPK 0-0-42, which has several important features:

- Safe and easy to handle and use
- Environmentally friendly
- Chloride and nitrate free
- Low point of deliquescence
- High solubility
- High foliar and roots uptake of Potassium
- High efficiency of Potassium (lower dosage of application)
- Excellent in stressful conditions (dry climate)
- Excellent to improve fruit quality and coloration

CHARACTERISTICS

Potassium Oxide (K₂O): 42% w/w

Density: 1,57 Kg/L

pH: 9

MIXABILITY

Amicult™ K42 can be mixed with the most common fertilizers and defense products. Test a sample solution before application.

PACKAGING: 1000 L IBC

Thanks to its unique characteristics, Amicult™ K42 is the ideal solution for:

Foliar fertilization: Formate, the complexing molecule of Amicult™ K42, has a strong affinity with transport proteins of plants, allowing a complete absorption of Potassium and thus enhancing dramatically the efficiency of the element.

Fertigation: The liquid formulation of Amicult™ K42 allows to save times as its solubilization in the solution is almost immediate; this is particularly helpful when using cold or hard water. Also, the Potassium is more available for plants thanks to Formate which enhances its mobility in the soil.

Amicult™ K42 helps also to prevent clogging and damages to sprayer or dripper thanks to the complete absence of inert pollutants commonly found in WSF such as sand or small insoluble particles.

CROP	TIME OF APPLICATION	DOSAGES	
		FERTIGATION	FOLIAR
Fruit trees	After fruit set, during fruit enlargement and maturation	10-15	2-4
Wine and table grape	After fruit set, during maturation (colored varieties)	10-15	2-4
Olive tree	After fruit set, during fruit enlargement and maturation	10-15	2-4
Legumes	During pods filling	5-15	1-4
Root vegetables	In the final phases of growth	5-15	1-4
Horticultural crops	After fruit set, during fruit enlargement and maturation	5-15	1-4
Leafy vegetables and aromatics	Along the whole cycle	5-10	1-2

Engineered to cultivate smarter, healthier yields

Amicult™ K42 is an innovative, carefully engineered fertilizer solution designed to improve crop health and yield. Do you want to find out how this product can improve your offering?

Find out more at perstorp.com

