



FOLIAR-K™

For a crop to be proud of

Potassium role in plant growth

- Stimulates early growth
- Increases protein production
- Improves the efficiency of water use
- Improves resistance to diseases and insects

Active Ingredients

- **Potassium (K):** 184 g/ Kg (230 g/L) in the form of Potassium citrate
- **Amino Acids:** 21 g/ Kg (26 g/ L) L-amino acids

- **FOLIAR-K™** is a rich source of organic Potassium with Amino-acid formulation, extracted from Sugarcane.
- **FOLIAR-K™** is an organic Potassium fertilizer for use as a foliar feed to maintain or correct Potassium levels in plant.

Foliar-k™ is not about the Units. It's about the AVAILABILITY

- **FOLIAR-K™** is a completely natural product.
- **FOLIAR-K™** unique formula guarantees availability and lasting residual activity.
- **FOLIAR-K™** is completely soluble and plant-available, delivering the required amount of nutrient with low application rates

Benefits of using FOLIAR-K™ in Tobacco

1. Improves yield quantity and quality
 2. Helps to resist temporary drought, fungal, bacterial and viral diseases.
 3. Improves burning properties of cured leaves, burning quality, colour and fineness.
 4. Improves nicotine and sugar ratio:
 - Reduces nicotine and increases sugar concentration:
 5. Improves the physical appearance of the cured leaf
 - More elastic and pliable
 - Deeper orange color
 6. Improves Combustibility: Higher K content in the leaves leads to increased burning rate*
 7. Increased fire-holding capacity (due to binding of organic acids to K)
- * Insufficient K causes brittle leaves after curing*



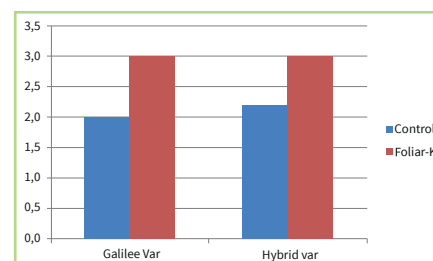
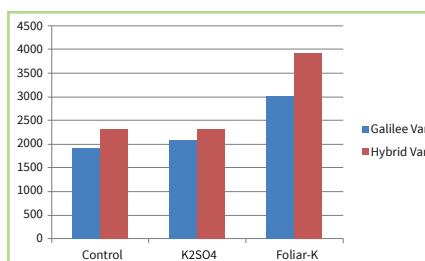
Potassium deficiency symptoms in Tobacco

Crop	Max. Rate per Ha	Rate per 100 L of water	Remarks
Tobacco	10 - 15 L	5-10 L	2 to 3 applications after topping in a minimum of 500 - 750 L water per Ha.
Avocados, Mangos and Litchis	10 L	2 L	1 to 2 applications on flower tissues and repeat on young summer growth. Apply in a minimum of 1000 – 2000 L water per Ha.
Citrus	5 L	0.5 - 1 L	Two applications starting after fruit formation and repeat 21 days later. Apply as a medium cover spray in a minimum of 1000 - 3000 L water per Ha.
Grapes	5 L	1 - 2 L	Apply after fruit set when fruit is pea-sized. Repeat 21 days later. Use a minimum of 1000 L water per Ha.
Grains, Peas and Canola	5 L	0.5 - 1 L	4 applications after flowering with 7 to 14 days intervals. Apply in a minimum of 500 L water per Ha.
Pome and Stone fruit	5 L	1 L	2 to 3 applications after fruit set, during fruit expansions and repeat at 7 to 14 days intervals. Apply in a minimum of 1000 - 2000 L water per Ha.
Potatoes	5 L	0.5 - 1 L	Apply after tuber swelling and repeat at 7 to 14 days intervals. Apply in a minimum of 500 L water per Ha.
Vegetables (Tomatoes, Eggplants, Cucurbits, Beet, Peppers, Lettuce, Carrots)	2.5 L	200 - 500 ml	4 to 5 applications directly after fruit formation and repeat at 7 to 14 days intervals until 2 weeks prior to harvesting. Apply in a minimum of 500 L water per Ha.

Application information:

- Use lower rates as a maintenance spray and higher rates to correct deficiencies.
- For optimum results, **FOLIAR-K™** should be used in a program and in combination with other balanced fertilizers and foliar feeds.
- **FOLIAR-K™** is compatible with most agricultural remedies. It is however advisable to do a miscibility test prior to mixing with other chemicals.
- Do not mix **FOLIAR-K™** with highly alkaline material such as Lime Sulphur and Bordeaux mixture, or with any phosphate-containing fertilizers.
- **FOLIAR-K™** should preferably be applied in the early morning or late afternoon.
- Do not apply to plants undergoing a period of moisture or heat stress.

The Effect of FOLIAR-K™ on Yield and Smoking Quality of in Two Varieties



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