



VITA K

42% K

Baileys Vita K is a water soluble liquid fertiliser containing a high analysis of potassium and added complex carbohydrate to readily address potassium deficiency, improve plant quality and maximize nutrient availability and uptake. This formula delivers a stronger, healthier plant with exceptional yield.

On turf, applications of Vita K encourage strong cellular development and tolerance to disease and temperature stresses.

KEY FEATURES OF VITA K

- Readily available potassium ideal for rapid plant uptake to correct deficiencies and improve yield quality;
- Contains molasses, providing a carbon source to promote beneficial microbial activity and improve nutrient availability and uptake;
- Stimulates early growth;
- Increases protein production;
- Improves water efficiency and drought resistance;
- Improves stand persistence, longevity and hardiness;
- Improves resistance to pests and diseases;
- Improves yield quality and quantity.

Potassium is required for the movement of water, nutrients and carbohydrates in plant tissue. When potassium is deficient growth is generally stunted and yields are significantly reduced. Potassium regulates the opening and closing of stomata, regulating CO₂ uptake. Potassium plays a major role in the regulation of water in plants, both its uptake through the roots and its loss through stomata. Potassium is also responsible for the activation of many growth related enzymes in plants systems. Protein and starch synthesis also requires potassium. The enzyme responsible for starch synthesis is activated by potassium.

Potassium deficiency results in poor use of water and other nutrients, making crops chlorotic, causing slow stunted growth, weak and unhealthy roots, uneven ripening of yields and defoliation. This in turn makes crops more susceptible to drought, waterlogging, frost and diseases.



APPLICATION RATES

Crop	Lt/Ha	Min Dilution	Comments
Vegetables, strawberries	3-5	1:100	Apply to improve harvest quality at flowering and repeat at fortnightly intervals
Wheat, barley	3-5	1-30	To improve deficiency as required by leaf tissue analysis
Grapevines	2-4	1-300	Apply at fruit set
Turf	20-40	1:10	Apply to reduce moisture stress, bounce back after periods of heavy wear, to reduce diseases and insect and to aid against frost in winter
Bananas, mangoes, stone fruit, citrus	3-5	1:200	Apply as fruit are forming until harvest. With citrus apply closer to fruit set and at fortnightly intervals

- Increase dilution rate in hot weather;
- For fertigation rates contact your local rep for details;
- For best results application should be based on prior soil and plant tissue analysis. Contact your local rep for details;
- If applying with other products, compatibility test before applying to crop;
- Avoid applying in conditions above 30 degrees to reduce burn potential;
- For application to domestic gardens, including annuals and flowering plants, apply 7-10ml per 10 square metres.

CAUTION

Iron and other plant nutrients may cause staining. Avoid spillage to paving and walkways. Keep away from water sources such as ponds, pools etc.

REFER TO SAFETY DATA SHEET BEFORE USE