



INNOVATIVE and AUSTRALIAN

AUTOFERT B & B

Liquid Blood and Bone 10 : 4 : 7



AUTOFERT B&B is a liquid fertiliser made from blood and bone. It is designed as a total replacement, one step fertiliser containing:-

- A balanced supply of the major nutrients N, P, K (10 – 4 – 7) all readily plant available. This formulation is derived from the process of converting blood and bone into a liquid suspension. Blood and bone has always been known for its effectiveness as a ground applied solid fertiliser. In its liquid form, Blood & Bone makes these major nutrients available through both the leaves and roots. Not only is it more convenient as a liquid but by foliar application or fertigation the amount applied can be fine tuned to the various needs of different crops.
- Organic matter from blood and bone including amino acids, albumin, globulin, cholesterol and calcium.
- A carefully balanced formulation of all the essential trace elements and minerals.
- Two natural growth promotants, Tricontanol and Gibberellic Acid.

TRICONTANOL (TRIA) is a carbon straight-chain fatty alcohol and occurs in certain waxes and in the foliage of some plants. It is shown as $\text{CH}_3(\text{CH}_2)_{28}\text{CH}_2\text{O}$. Its effect on stimulating plant growth and crop yields by increasing the growth in the number of cells, has been studied extensively in the United States, China, Japan and India. TRIA has been shown to have beneficial effects toward improving the quality of fruit and crops as well as enhancing plant health, vigour and root development. TRIA is also particularly helpful to plants that are under stress from transplanting or adverse climatic conditions.

Of particular interest to growers will be the positive effect on crop quality, yields and the Brix/Acid ratio. Several physiological effects have been observed, including rapidly increased levels of reducing sugars, free amino acids and soluble protein. There is a consistent increase in the Nitrogen content of plant samples and in the redistribution of Nitrogen within plants. Also evident are increases in carbohydrate synthesis resulting from stimulation of photosynthesis, and changes in the activity of several enzymes have been recorded. These factors will make a significant contribution to flavour, appearance and keeping qualities for all crops treated with **AUTOFERT B&B**.

GIBBERELIC ACID (GA) is widely distributed in all plants and is shown as $\text{C}_{19}\text{H}_{22}\text{O}_6$. It is often used by horticulturists, on its own, to assist with the development and improvement of certain aspects of growing. As a contribution to the efficacy of **GROWTH B&B**, its broad action is to aid in the growth of cell size and stimulate the plant to take up and use the nutrients provided.

For more information about AUTOFERT B & B or other BARMAC products visit www.barmac.com.au or one of our distributors.
Barmac Industries Pty Ltd Swanbank Australia

AUTOFERT B & B



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Autofert B&B. B0707 V1

DIRECTIONS FOR USE:

When using in turf, we recommend this product be used in conjunction with Barmac Auxinone, a blend of root hormone stimulants.

TURF	Turf Farms, Playing Fields etc	10—20 litres / ha	Dilute 1:200 with water
	Golf and Bowling Greens	100—200 mL per 100m ²	Use as a foliar spray diluting 1:200 with water.
ORNAMENTALS	Established Annuals Roses, Trees and perennial plants and shrubs	Dilute 1:200 with water	Use as a watering liquid around the root zone and foliage. Apply weekly during high growth periods and at times of plant stress. Apply at up to 4 weekly intervals at other times as necessary.
NURSERIES	Seed Germination, Seedlings Transplants, Repotting, Planting Out of young trees and shrubs etc.	Dilute 1:200 with water	Use as a watering liquid on seedbeds after sowing and repeat every 7 days. Seedlings may be soaked in solution overnight prior to transplanting. For transplanting and potting also use solution to water the root zone and surrounding soil.