

**ALWAYS SHAKE THE DRUM WELL BEFORE USE  
NOT FOR USE IN THE VICINITY OF DAIRY**

**GROWTH**

**B & B  
ORIGINAL**

**LIQUID BLOOD & BONE**

Organic Based Fertiliser

N:P:K 10:4:7

Plus Minerals and Trace  
Elements

Typical Analysis

	% W/V		%W/V		%W/V
Nitrogen (N)	9.9	Calcium (Ca)	1.6	Zinc (Zn)	0.008
Phosphorus (P)	3.7	Magnesium (Mg)	0.25	Copper (Cu)	0.011
Potassium (K)	7.4	Iron (Fe)	0.11	Boron (Bo)	0.024

**GROWTH AGRICULTURE PTY LTD ABN 98 849 457 234**

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**LITRES**

# B&B ORIGINAL LABEL – SIZE: 216 WIDE X 140MM DEEP

CROPS	RATE	CRITICAL COMMENTS
<b>All Crops:</b> To Improve Soil Biology	10-20 L/ha	Apply directly to soil 2 - 4 times per year
As a full replacement to conventional nutrient regime	10-20 L/ha	Up to 8 applications per growing season. Use leaf and soil analysis as a guide to application rates and timing.
As a partial replacement	5-20 L/ha	Up to 4 applications per growing season
<b>Broadacre Crops:</b> Cotton, Maize, Corn, Sorghum, Canola, Wheat, etc.	1-5 L/ha	Apply as a booster or to address crop stress. Apply in a convenient amount of water to ensure good coverage. Add GROWTH B&B ORIGINAL to the spray tank last. For aerial application use a minimum of 30 L/ha.
<b>Vegetables:</b> Green Vegetables, Root Vegetables, Tomatoes, Sweetcorn, Peas, etc.	Dilute with water 1:200	Use as a watering liquid around the root zone, weekly for young plants and at greater intervals towards harvest. When using as a foliar spray, spray to run off. When used in combination with plant protection sprays add GROWTH B&B ORIGINAL to spray tank last and spray to run off.
<b>Orchards:</b> Avocado, Bananas, Mangoes & all tropical fruit, berry fruit, citrus, nuts, grapes,	10-20 L/ha  Dilute with water 1:200	Mix in a convenient amount of water, apply 1-3 times a year to surrounding soil.  Spray to run off as a weekly foliar feed during periods of rapid growth or fruit development and up to 4 weekly at other times. May be increased to 1:100 for low volume spraying. When used in combination with plant protection sprays add GROWTH B&B ORIGINAL to spray tank last and spray to run off.
<b>Nurseries:</b> Seed germination, seedlings, transplants, repotting, planting out of young plants etc	Dilute with water 1:200	Use as the watering liquid on seedbeds after sowing and repeat every 7 days. Seedlings may be soaked in solution overnight prior to transplanting. Use any remaining solution to water the seedlings after transplanting. Whenever repotting or transplanting use solution to water plants around root zone. For foliar application, spray to run off.
<b>Pasture:</b> Sheep and beef	10-20 L/ha	Apply in Spring or Autumn by Ground Rig or Aerially. Apply with sufficient water to ensure good coverage. May be applied during or after Rain or irrigation without loss due to leaching or run off. It is recommended that stock be removed prior to the product being applied and that the pasture be kept free from grazing animals for 24 hours after application to allow the product to be fully absorbed into the soil and plants.
<b>Hydroponics &amp; Fertigation</b>	GROWTH B&B ORIGINAL may be used on its own as the prime source of nutrients. In this case charge diluter or feed tank with a 1:10 dilution and adjust the feed rate to achieve desired CF (conductivity factor). N.B. 1:200 will yield about CF 20. Alternatively add GROWTH B&B ORIGINAL into feed tank as a booster at the rate of 1 litre into 200 litres of liquid feed concentrate. Check system regularly for biological oxygen demand (BOD), flush and use fresh material if necessary.	
<b>Glass houses:</b> Beans, Brassicas, Carrots, Cucumbers, Flowers, Lettuce, etc.	Dilute with water 1:200	Use as the watering liquid weekly or add to the spray vat as the last ingredient with crop protection chemicals and spray to run off. As a booster add to liquid feed concentrate tank 1L/200L water and feed by dilution or irrigation system. May be used as the primary feed source in liquid feed systems.
<b>Gardens:</b> Flowers, shrubs, trees, vines, lawns, etc	Dilute with water 1:200	Use as the watering liquid around the root zone and foliage. Apply every 10-14 days. Spray to run off.
<b>Turf</b>	10L/ha	Immediately after cutting followed by 10 L/ha in 14 days time. Or as a supplement to other fertiliser regimes apply 4 L/ha every 10-14 Days. Applying in a minimum of 100 L of water, or through the irrigation system.
<b>Bowling Greens, Golf Greens</b>	2L per Green	Spring 1-2 applications, Summer 1-2 Applications, Autumn 2-3 applications. Apply in 100 L/ha water, or through the irrigation system.
<b>Knapsack</b>	50ml/10L	Spray to run off

## GENERAL INSTRUCTIONS:

GROWTH B&B ORIGINAL is a liquid fertiliser manufactured from Ovine blood and bone, plus trace elements and minerals with a balanced N:P:K of 10:4:7. Due to the organic nature of GROWTH B&B ORIGINAL, the analysis may vary from time to time. The organic materials feed and nurture the microbiological activity in the soil increasing nutrient cycling, bacterial and fungal activity and feeding earthworms thereby increasing the availability of important nutrients, trace elements and minerals.

- Ensure spray equipment and product handling equipment is clean and not contaminated with products likely to cause crop injury when mixed with GROWTH B&B ORIGINAL. ALWAYS USE CLEAN WATER.
- Replace cap/bung carefully after use to protect contents.
- Apply only when diluted with water as directed. When mixing with other products, check compatibility first and always add GROWTH B&B ORIGINAL last and stir or agitate thoroughly before use.
- Fine filters may need to be removed before use. Material has been screened through a 60 mesh filter. Maximum particle size should be less than 0.25 mm (250 microns.)
- Material is harmless to birds, bees and animals when used as directed.

The application rates may be varied according to soil fertility levels, fertiliser history, location, climate and the requirement of any farm or crop. For further advice contact GROWTH AGRICULTURE Pty Ltd on FREECALL 1800 440 438.

## COMPATIBILITY:

GROWTH B&B ORIGINAL mixes well with most spray chemicals, but ALWAYS TEST FOR COMPATIBILITY FIRST.

## STORAGE AND DISPOSAL:

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store material that has been mixed with water – it will not keep. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## SAFETY DIRECTIONS:

Wash hands after use. Avoid contact with skin and eyes. DO NOT SWALLOW.

## FIRST AID:

For advice contact a Poisons Information Centre (Phone 131126) or a doctor immediately.

## MATERIAL SAFETY DATA SHEET:

Additional information is listed in the Material Safety Data Sheet

**CAUTION:** Always test for compatibility. This product contains restricted animal material – DO NOT FEED TO CATTLE, SHEEP, GOATS, DEER OR OTHER RUMINANTS. For use on grazing pasture we recommend GROWTH B&B MARINE that is made using blood and bone sourced from deep sea fishing operations. Always shake the drum well before use. Always ensure good agitation in the spray tank. When applying by ground rig, use a minimum of 003 nozzle and 50 mesh filters and in line strainers.

**CONDITIONS OF SALE:** GROWTH AGRICULTURE PTY LTD shall not be liable for any loss, injury or damage whether consequential or otherwise, whatsoever or howsoever arising, whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on GROWTH AGRICULTURE'S skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of GROWTH AGRICULTURE PTY LTD has any authority to alter these conditions. Made under license from Rural Research Ltd. This product is authorized for sale in Australia and RURAL RESEARCH LTD and its authorized licensees do not consent to the sale of this product outside of Australia.

**Batch No.**

**DOM**