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B&B SUPER FINE

TYPICAL ANALYSIS

% W/V N:12.5 P:4.5 K: 8.5

LIQUID BLOOD AND BONE FERTILISER

Total Nitrogen (N)	12.5	Phosphorus (P)	4.5	Calcium (Ca)	1.6	Zinc (Zn)	0.02
10% of N as Nitrate	1.31	Potassium (K)	8.5	Magnesium (Mg)	0.07	Copper (Cu)	0.02
19% of N as Ammonium	2.37	Sulfur (S)	1.4	Iron (Fe)	0.03	Boron (B)	0.03
70% of N as Organic	8.82	Manganese (Mn)	0.03	Selenium (Se)	0.01	Molybdenum (Mo)	0.01

Due to the organic nature of the product, the analysis may vary slightly.

KEY FACTS

B&B Super Fine is made by converting meat and bone meal and dried blood into a highly concentrated liquid suspension with added trace elements to provide a carefully balanced liquid fertiliser. The blood and bone provides organic material, protein, amino acids and cholesterol which feeds the plant and the soil's micro-organisms, an integral part of the organic cycle. The soils organisms break down organic material into humus, releasing locked up nutrients whilst improving the fixation and release of nitrogen into the soil structure.

After years of research and development and significant investment we have a made even the easiest to use and most consistent liquid blood and bone on the market even better.

The new "Super Fine" formulation has the same balanced nutrition and bio-stimulant profile of the previous B&B Flow-Fine and B&B Original formulations but undergoes further processing to make the suspended bone particles super fine and the product as a whole even more flowable!





KEY FACTS

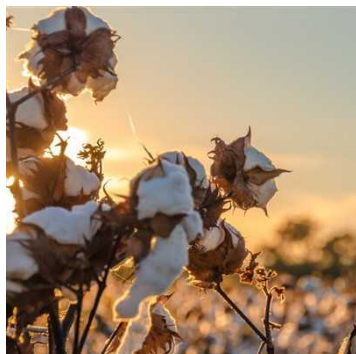
The formulation of B&B Super Fine allows some of the nutrients to be immediately available to the plant through the foliage as well as the roots. The remaining nutrients, including finely ground bone particles, attach to the foliage and permeate the soil dissolving gradually, slowly releasing nutrients to continue to feed the plant through the foliage and soil after application.

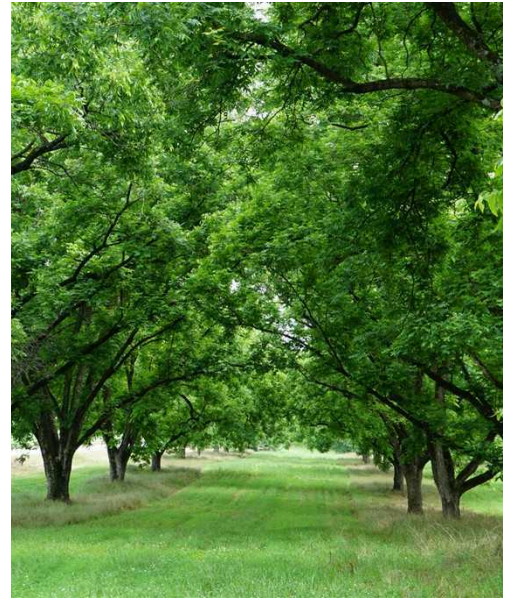
Regular use of B&B Super Fine helps to increase earth worm activity, soil microbes and bacteria working in the soil.

B&B Super Fine also contains naturally occurring growth promotants that have been proven to significantly increase growth rates, crop yields and plant health. They contribute to the recovery of transplant shock and promote cell elongation and division. They also stimulate the plant to take up and use all available nutrients.

B&B Super Fine is a balanced fertiliser which can be used as a total replacement fertiliser or as a partial replacement in a fertiliser program. B&B Super Fine can be applied using ground or air application equipment and can be applied through overhead irrigation or other fertigation systems.

B&B Super Fine supplies the plant with all major nutrients and trace elements to assist in cell elongation and division, ensuring the plants have a healthy start. This means that the plant has an increased possibility of higher, quality yields.



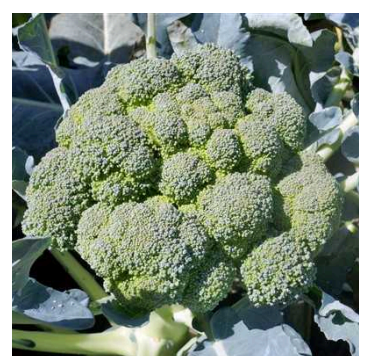


Effect on Brix Levels

Of particular interest is 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 increased carbohydrate synthesis from the stimulation of photosynthesis and changes in the activity of several enzymes have also been recorded. These factors will make a significant contribution to flavour, appearance and keeping qualities for all crops treated with B&B Super Fine.

Why Use B&B Super Fine?

- ✓ Ideal for over-coming water logging stress
- ✓ Highly concentrated liquid suspension
- ✓ Reduces transplant stress and adverse climatic conditions
- ✓ Application by air or ground rig
- ✓ Balanced liquid fertiliser with all major and minor trace elements
- ✓ Contains naturally occurring growth promotants
- ✓ Higher yields and improved quality results
- ✓ Safe to use - B&B will not damage tender plants
- ✓ Made from locally sourced blood and bone meal
- ✓ Effectively addresses mineral and trace element deficiencies



SITUATION	CROP	RATES	CRITICAL COMMENTS
Improve soil biology	All crops	10-20 L/Ha	Apply directly to the soil 2-4 times per year.
Starter fertiliser	Broadacre and intensive irrigated crops	2-4 L/Ha	Direct inject with the seed or set at planting in sufficient water to adequately cover the seed or set.
Full or partial replacement to conventional program	Broadacre and intensive rain or irrigated crops	5-10 L/Ha	Up to 8 applications per growing season either soil or leaf applied. Use leaf and soil analysis as a guide to application rates and timing.
Crop booster to assist in alleviating water logging or adverse conditions	All crops	2-10 L/Ha	Apply to foliage of stressed plants to ensure thorough coverage.
Pasture improvement and pasture boost after cutting hay or silage	All pasture crops	10-20 L/Ha	Apply in Spring & Autumn by ground or air as soon as possible after crop has been cut. Apply with sufficient water to ensure good coverage. It is recommended that stock be removed prior to application and the pasture be kept free of grazing animals for 24 hours after application to allow the product to be fully absorbed into the soil and plants.
Reducing transplant shock	All plants and seedlings	Dilute with water 1:200	Soak seedlings overnight prior to transplanting. Use any remaining solution as a soil drench around the seedlings after transplanting.
Fertiliser program for vegetables	Green vegetables, sweet corn, root vegetables, etc.	Dilute with water between 1:100 to 1:200	Use as a watering liquid around the root zone or as foliar spray. Apply weekly for young plants and at greater intervals towards harvest. Use the higher concentration in poorer soils or to improve fruit load.
Soil applied fertiliser program for tree and berry crops	All tree crops including apples, cherries, citrus, nut crops, berries, tropical fruits, grapes etc.	10-20 L/Ha	Apply as soil drench within the drip zone of the tree or vine. Apply in sufficient water to ensure thorough incorporation into the top soil. Apply at least twice per year in late Autumn or early Spring and again prior to the crop going into dormancy. Application during flower set is highly recommended.
Foliar application program for tree and berry crops	All tree crops including apples, cherries, citrus, nut crops, berries, tropical fruits, grapes etc.	Dilute with water between 1:100 and 1:200	Spray to run off on a regular basis to maintain adequate nutrient feeding of the tree. Determine timing through leaf analysis or other acceptable management practices. Use the higher dilution rate for poor quality soils or where fruit load requires higher levels of nutrition.
Seed germination	Nurseries - all crops	Dilute with water 1:200	Use as soil drench prior to planting seeds. In poorer soils or if a more vigorous seedlings are required use a dilution rate of 1:100
Repotting and planting out	Nurseries - all crops	Dilute with water 1:200	Thoroughly drench the root system. When planting out tube stock, drench the receiving hole and roots with 500ml of diluted product per tube. In poorer soils use a dilution rate of 1:100.
Hydroponics & fertigation	All crops	B&B Super Fine may be used on its own as the prime source of nutrients. In this case, charge diluter of feed tank with a 1:10 dilution and adjust the feed rate to achieve desired CF (Conductivity Factor). A dilution of 1:200 will yield a CF of approximately 20. Alternatively add B&B into the feed tank as a booster rate of 1L in 200L of feed concentrate. Check system regularly for biological oxygen demand (BOD), flush and use fresh material if necessary.	
Bowling and turf greens	Most turf varieties	2lt per bowling green 10lt per Ha golf greens	Apply immediately after cutting with a follow up application in 14 days. Apply in a minimum of 100lt of water per Ha or through an irrigation system.
Gardens	All flowers and shrubs etc	Dilute with water 1:200 Watering can 50ml/10lt	Use as the watering liquid around the root zone or as a foliar application to run off. Repeat every 10-14 days.