

# Technical Data Sheet



Plus Blood & Bone Granules

**NPK 4.8 – 3 – 1.3**

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## What is it?

Yates AgriBoost Plus Blood & Bone is a granulated organic blend consisting of composted poultry manure and added blood & bone. The granulated formulation makes uniform spreading easier and more efficient and supplies nutrients slowly.

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## Specific Product Benefits

- Formulated for organic growers: BFA-certified allowed input for organic farming (202 AI).
  - An organic slow release fertiliser ideal for all agricultural, horticultural and home garden applications where a higher phosphorus application is required.
  - High organic phosphorus and calcium content that slowly becomes available to plants.
  - Product has a neutral to alkaline pH that counters acidification of the soil.
  - Improves soil organic matter content and increases soil water holding capacity.
  - Improves soil structure and cation exchange capacity, leading to greater nutrient retention and slow-release.
  - Promotes microbial and earthworm activity.
  - Improves soil long-term productivity.
  - Yates AgriBoost has been composted and heat treated which kills weed seeds and significantly reduces harmful bacteria.
  - There is minimal chance of burning or leaching with Yates AgriBoost.
  - Granules also allow application to lawns and turf, as the nutrients easier filter down to the grass roots.
  - Granules allow easy application through spreaders and planting holes.
  - Granules are produced from a homogenous blend, so each granule contains the same amount of nutrients – “an organic compound fertiliser”.
  - The nutrient level of Yates AgriBoost is consistent and regularly tested, making it a quality assured product.
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**Pack Sizes Available**

25kg

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## How it Works

- **Organic slow release feeding:** specially formulated for organic growers where a higher slowly available phosphorus and calcium application is required. Minimal chance of burning or leaching with Yates AgriBoost.
  - **Soil conditioner:** neutral to alkaline pH, counters acidification of the soil; Improves soil organic matter content; increases soil water holding capacity; improves soil structure and promotes greater nutrient retention; promotes soil microbial and earthworm activity.
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Typical Analysis	(%w/w)*
Total Nitrogen (N) as organic	4.8
Phosphorus as water soluble	0.3
Total Phosphorus (P) as organic	3
Total Potassium (K) as organic	1.3
Sulfur (S) as organic	0.7
Calcium (Ca) as organic	7
Magnesium (Mg) as organic	0.5
Iron (Fe) as organic	0.2

\*as this product is made from natural ingredients, some variation can occur between batches

### This product contains less than the threshold level for heavy metals:

Less than 1.0mg/kg of Cadmium (Cd)

Less than 0.2mg/kg of Mercury (Hg)

Less than 20mg/kg Lead (Pb)

### Additional product data:

Total carbon content 28%

Total organic carbon content 22%

pH neutral to slightly alkaline

Product moisture content 14 – 20%

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## Directions for Use

Application rates vary according to crop type, stage of growth and local soil conditions. A comprehensive soil analysis is an invaluable tool. The

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following rates are a guide only – always refer to the product label before use:

### Commercial application Rates

Brassicas	1 – 2 tonnes/ha
Broccoli	1 – 2 tonnes/ha
Brussel sprouts	1 – 2 tonnes/ha
Cabbage and cauliflower	1 – 2 tonnes/ha
Carrots	1 – 2 tonnes/ha
Eggplant	1 – 2 tonnes/ha
Lettuce and leeks	1 – 2 tonnes/ha
Tomatoes	1 – 2 tonnes/ha
Herbs	1 tonne/ha
Peas and beans	1 tonne/ha
Potatoes	1 tonne/ha
Olives	1 – 2kg/tree
Pome Fruit (Apples and Pears)	1.5–2.5kg/tree (Rates given apply to mature, fruit-bearing trees)
Stone Fruit (Apricot, Cherry, Peach)	1.5–2.5kg/tree (Rates given apply to mature, fruit-bearing trees)
Vines	600 – 800kg/ha
Turf	400 – 600kg/ha

(Note: BFA Restricted use – do not apply where ruminants are grazing)

### Home Garden Application Rates

Flowers & Vegetable	Spread 100g per square metre prior to planting and then every 6 weeks during the growing season
Fruit Trees (all types)	Apply 500g per tree for each year of the tree's age (up to 2.5kg), once in Spring and again in Autumn.
Native shrubs, Rhododendrons, Azaleas and acid loving plants	Apply 50 – 100g per plant once in Spring and again in Autumn.
Planting Trees & Shrubs	Apply 200g – 500g into the planting hole.
Other ornamental Shrubs and Roses	Apply 100g per square metre every 6–8 weeks from early Spring until mid Autumn.
Lawns	Spread 70g evenly per square metre.

**This product contains restricted animal material – DO NOT FEED TO CATTLE, SHEEP, GOATS, DEER OR OTHER RUMINANT ANIMALS.**

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### Application Precautions

Yates Australia \* Commercial Division \* 1 Gow Street, Padstow, NSW 2211 Australia \* Commercial Sales Support: 1300 132 153

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The dust from this product may irritate eyes and skin. Avoid contact with eyes and skin. Avoid inhaling dust. Wear appropriate protection and avoid application in windy conditions. Wash hands after use. Do not use on phosphorus sensitive natives. May raise soil pH over time, take care with alkaline soils.

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## Safety, Health & Environment

### Safety Directions

Keep out of reach of children. Harmful if swallowed.  
Domestic pets such as dogs may be attracted to the product. Keep away from animals.  
Store in the closed, original container, in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use – check regularly for spills. If a bagged product, keep in a bucket with lid with the original bag as reference.

### Poisons Schedule

No adverse health effects expected if the product is handled in accordance with the Material Safety Data Sheet and the product label. See MSDS for further details.

### Hazardous Substances

Based on available information, not classified as a hazardous substance according to criteria of Safe Work Australia.

### Dangerous Goods

Not classified as Dangerous Goods.

### Waste Disposal

Refer to local government authority for disposal recommendations.

### Environmental Warning

Avoid contaminating waterways. For further Information, consult the Material Safety Data Sheet.

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## Warehouse & Transport Information

Units per pallet	40
Layer per pallet	10
Units per layer	4
Pallet weight	1050 kg
Pallet height	1.8 m
Other	

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For more information refer to [www.yates.com.au](http://www.yates.com.au) or Yates Sales Support 1300 132 153

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