

# Technical Data Sheet



## Long Life Complete Pellets

**NPK 5 - 3 - 5**

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### What is it?

Yates Dynamic Lifter Long Life Complete is a pelletised organic-based blend consisting of composted poultry manure with added blood & bone, fish meal, seaweed and zeolite, boosted with mineral fertilisers. The pelletised formulation makes uniform spreading easier and more efficient and supplies nutrients slowly.

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### Specific Product Benefits

- Specially formulated fast acting organic-based blend for vegetables and flowers.
  - Unique blend of organic and inorganic nutrients: composted chicken manure and mineral fertilisers.
  - Contains both fast and slow release nitrogen, plus fast acting phosphorus and potassium.
  - Added zeolite improves soil structure and cation exchange capacity, leading to greater nutrient retention and slow-release.
  - Improves soil organic matter content and increases soil water holding capacity.
  - Promotes microbial and earthworm activity.
  - Improves soil long-term productivity.
  - The chicken manure in Yates Dynamic Lifter has been composted and heat treated which kills weed seeds and significantly reduces harmful bacteria.
  - Pellets allow easy application through spreaders and planting holes and break down slowly.
  - Pellets are produced from a homogenous blend, so each granule contains the same amount of nutrients - "an organic compound fertiliser".
  - The nutrient level of Yates Dynamic Lifter is consistent and regularly tested, making it a quality assured product.
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### Pack Sizes Available

1T Bulk Bag

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### How it Works

- **Unique blend:** specially formulated for vegetables and flowers. Contains both fast and slow release nitrogen. High Potassium content for prolific flowering and improved fruit & vegetable yield.
  - **Soil conditioner:** Improves soil organic matter content; added zeolite helps to increase 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)*
Nitrogen as ammonium	3.4
Nitrogen as organic	1.6
<b>Total Nitrogen (N)</b>	<b>5</b>
Phosphorus as water soluble	1.4
<b>Total Phosphorus (P)</b>	<b>3</b>
Potassium as chloride	3.8
Potassium as organic	1.2
<b>Total Potassium (K)</b>	<b>5</b>
Sulfur (S)	2.2
Calcium (Ca) as organic	5.5
Magnesium (Mg) as organic	0.5
Iron (Fe) as organic	0.2

\*as this product contains 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 23%

Total organic carbon content 19%

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

#### Commercial application Rates

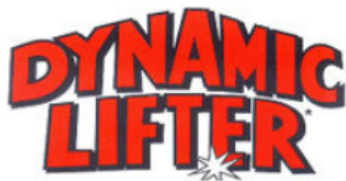
Brassicas	1 – 2 tonnes/ha
Broccoli	1 – 2 tonnes/ha
Brussel sprouts	1 – 2 tonnes/ha
Cabbage and cauliflower	1 – 2 tonnes/ha
Carrots	1 – 2 tonnes/ha
Eggplant	1 – 2 tonnes/ha
Lettuce and leeks	1 – 2 tonnes/ha
Tomatoes	1 – 2 tonnes/ha
Herbs	1 tonne/ha
Peas and beans	1 tonne/ha
Potatoes	1 tonne/ha
Olives	1 – 2kg/tree
Pome Fruit (Apples and Pears etc)	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: 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.

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

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### **Application Precautions**

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. Use on natives and acid-loving plants at a lower rate and less frequently. 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**

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

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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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### **DISCLAIMER**

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