

# VITALIFE® Calcium - Technical Data Sheet



VITALIFE Calcium is a bulk carbon product **supercharged with a diverse range of biology**, containing organic matter and beneficial microbes, along with lime (calcium).

Carbon and Calcium are building blocks for all life, biology in VITALIFE speeds up the availability of calcium converting it from insoluble to being plant available - for efficient uptake and stronger growth.

Promotes humus development, microbial activity, soil moisture and nutrient retention, improved structure, and stronger plant growth.

## Benefits

1. **Suppress soil pathogens**, fostering healthier plant systems.  
Includes amongst others: porina, Argentinian stem weevil and cut worm.
2. Draws in and **stores Nitrogen from the environment**, utilising natural N cycles.
3. Improves **nutrient** and moisture **retention**.
4. Breaks down fertilisers into plant available forms.
5. Enhances **soil structure** and drainage.
6. Supports **stronger root systems** and better plant growth and faster recovery.

## Nutrient Analysis

|    |    |
|----|----|
| Ca | 30 |
|----|----|

| APPLICATION      |                                                           |
|------------------|-----------------------------------------------------------|
| Application rate | 400 kg / ha                                               |
| Rate control     | Bulk fertiliser setting                                   |
| Spread width     | 15-18 meters (lime width)                                 |
| Methods          | Belt feed Spreader                                        |
|                  | Fixed wing (specify on order)                             |
| Air temperature  | Avoid application when air temperature exceeds 25°C       |
| Storage          | 8 weeks out of direct sunlight                            |
| Timing           | Apply minimum of 2 days after herbicides and insecticides |
| Blend            | Can blend with non acidic fertilisers                     |

| PROPERTIES       |                     |
|------------------|---------------------|
| Form             | Bulk<br>800 kg bag  |
| State            | Mixed particle size |
| Specific Gravity | 1.14                |
| pH               | 3.5 – 3.9           |
| Solubility       | Insoluble           |
| Odour            | Low                 |
| BioGro Certified | YES 4862            |
| Handling         | -                   |



## VITALIFE® Calcium Dairy Farm Support - Case Study

### Pre Treatment observations

- Yellowing patches in several paddocks
- Gass grub visible in soil
- Hit pastures hard

*“We didn’t want to go down the chemical route, so we gave **Vitalife** a go - and we’re glad we did”*

| TREATMENT    |                  |
|--------------|------------------|
| Product      | Vitalife Calcium |
| Spread Rate  | 400 kg/ha        |
| Applications | 1                |
| Timing       | May 2025         |

### Post Treatment observations -3 weeks later

- Difference in the soil was obvious
- Grass grub was gone
- Paddocks came back stronger
- Healthier roots
- Increased worm activity
- Grass now holds its colour better
- Recovers faster after grazing

### Post Recovery comment

“VitaLife has not only helped get the grass grub under control but has also lifted the overall health of our soil. It’s been an excellent product - easy to use, natural, and it’s clearly doing what was recommended.  
We’ll definitely keep using **Vitalife Calcium** as part of our regular soil programme”