

VITALIFE® Calcium for Effluent Ponds



VITALIFE Calcium is a bulk carbon product **supercharged with a diverse range of biology**, containing organic matter and beneficial microbes, along with lime (calcium). This diverse biology is selected to minimize smell and support natural defense against pests and diseases.

By boosting microbial diversity, VITALIFE helps improve soil structure, nutrient availability, and overall plant resilience when the effluent is irrigated onto pasture.

Benefits

1. **Reduces ammonia, methane and sulphide gas** production and smell.
2. Helps **break down organic** matter.
3. **Reduces crusting** on ponds resulting in easier agitation.
4. More **uniform effluent consistency** for irrigation onto pasture.
5. **Better nutrient availability** when applied to pasture.

APPLICATION	
Initial Application	For ponds ~800,000 L add 800 kg For ponds ~3 million L add 1.5 t
Maintenance Application	800kg applied at pond entry point every 2 months
Methods	Must be added to pond inlet along with inflowing liquid. Do not sprinkle on pond crust
Notes	Colder temperatures slow microbial activity (may need higher dose). If detergents, sanitisers or antibiotics enter then may need higher dose. If high effluent load into pond, then may need higher dose.
Storage	8 weeks out of direct sunlight
Advice	Start slightly higher on the initial dose for older or neglected ponds. Observe changes over 2-6 weeks

PROPERTIES	
Form	Bulk 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	-