

Effluent
Pond Treatment

fluent

Key Benefits

- Reduced solids
- Reduced odours
- Reduced crust
- Easier pumping
- Increased pond capacity



Fluent[®] is a biological treatment product that utilises the powerful solid-digesting activity of bacteria that shift the type of decomposition to break down solids.

Fluent[®] contains specific facultative bacteria, along with a proprietary blend of bio stimulants to enhance the digestion process to reduce solids, odours and ammonia in stored waste.



Key Features

- Six strain Bacillus blend providing optimal activity and enzyme production across a broad range of environmental conditions.
- Bacterial strains were selected for their ability to produce extra cellular enzymes under both aerobic and anaerobic conditions.
- Bacterial strains were selected for their ability to produce enzymes specific to fiber digestion.
- Effective growth in toxic environments, such as higher copper levels.
- Works synergistically with existing microbial consortia.
- Effective growth across broad pH and temperature ranges.
- Simple to use and all-natural.

Dose Rates:

Application	Schedule	Dose Rate
Initial Application	First month	2kg per 500,000L (4x bags)
Maintenance Application	Once a month	0.5kg per 100 cows (1x bag)

Application Instructions

Initial treatment:

1. Calculate the volume of effluent: $L \times W \times D = m^3$.
Multiply the number of m^3 by 1000 to determine the liquid volume of the effluent storage in liters.
2. Refer to 'Dose Rates' section opposite to determine the correct amount of product to add.

Maintenance treatment:

1. Add the maintenance dose on a monthly basis after the initial treatment.
2. Use the table below to determine the monthly dose.

Directions:

1. Use the table below to determine the correct amount of product to add.
2. Mix the recommended amount of product into 20 liters of warm water, allow **30 minutes** to thoroughly dissolve and activate the bacteria.
3. Add the solution directly into the receiving pond, and/or storage system.
4. Distribute solution as thoroughly as possible (if crusted, break several holes around the edge and add the solution through the crust into the liquid effluent).

Packaging Sizes:

- 500g WSP
- 10 kg Pail (20 x 500g WSP)