

DIGEST-IT[®]

**A microbial
slurry inoculant**

Benefits of Digest-it[®]

Grows more, better quality grass

Increases nutrient recovery from
slurry

Reduces agitation time and smell

Reduces ammonia emissions
from slurry

devenish.com



DEVENISH[™]
Beyond Nutrition

Digest-it[®]

Microbial slurry inoculant

For over 20 years Devenish's aim has been to increase the efficiency and productivity on every farm. We do so by selecting the best products and providing the best service.

Digest-it[®] is a microbial inoculant added to slurry that increases nutrient recovery from slurry, reduces ammonia emissions from slurry and grows more, better quality grass, by improving soil health.

What is Digest-it[®]?

Digest-it[®] provides a rich food source for microbes as well as dormant aerobic bacteria species that are able to feed on and break down the organic matter in the slurry and use the ammonia gas as a source of nitrogen to grow, thus turning it into microbial nitrogen.

Benefits of Digest-it[®] in the tank:

- Reduces time required to agitate and pump slurry
- Less smell from fresh slurry when agitating or spreading
- Converts solids into plant-available liquid nutrients
- Reduces surface crusting

Benefits of Digest-it[®] in the field:

- Digest-it[®] treated slurry grows more, better quality grass
- Digest-it[®] treated slurry reduces odour when spreading
- Digest-it[®] treated slurry improves soil health by supplying "good" microbes to the soil
- Digest-it[®] treated slurry is kinder to the soil organisms living in your soil, including worms
- Digest-it[®] treated slurry has a lower Biochemical Oxygen Demand (BOD) than untreated slurry



Slurry store pre-treatment with Digest-it[®]



Slurry store three months post-treatment with Digest-it[®] (after a short agitation)

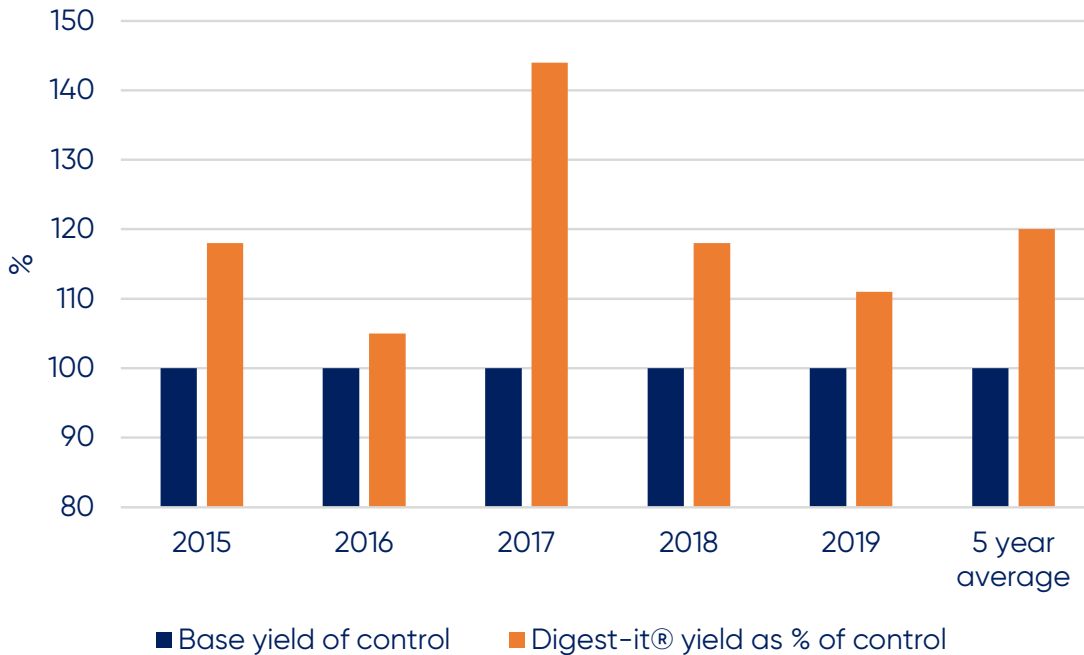


Clive Reid, Dairy Farmer from Co Monaghan

"Slurry is easier mixed when it is treated with Digest-it[®]. We definitely see a reduced smell, the worms are surviving in the ground, we are growing more grass and the cows are able to graze in a rotation system."

Digest-it® growth trials - 5 year yield comparison

Grass Silage DM Yields on Untreated & Digest-it® Treated Dairy Slurry - Rossin Field (2015-2019)



Digest-it® delivers on average, a 20% increase in yield over 5 years of cutting trials on a commercial dairy farm in Co. Meath. This additional grass is worth €171 per hectare, representing an 11:1 return on investment after product costs have been deducted. This is delivering improved sustainability benefits and a significant financial benefit to farmers.

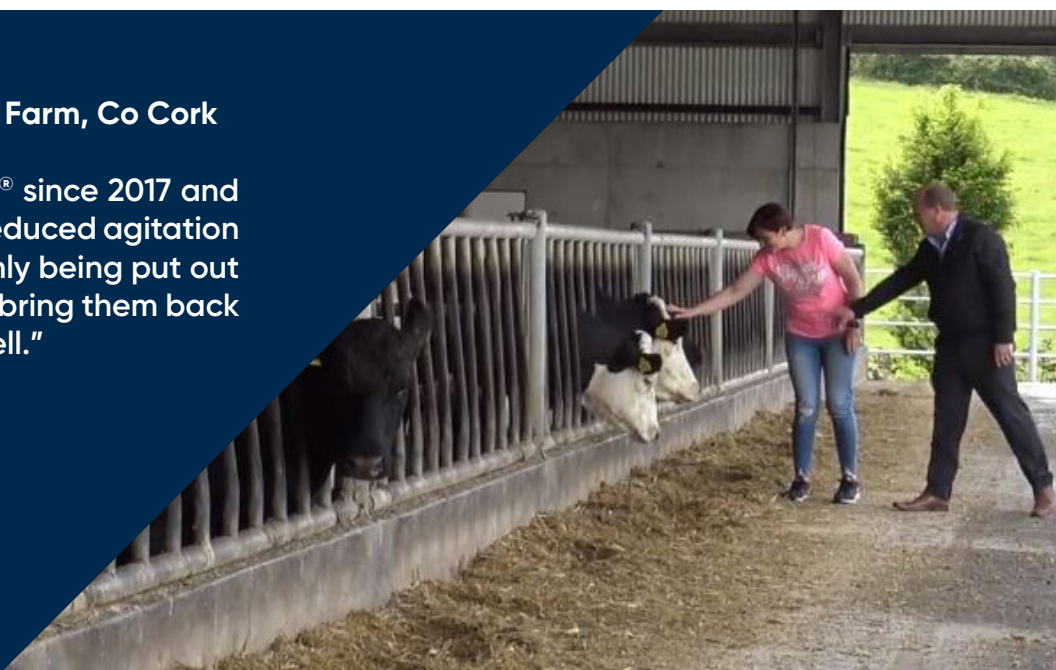
Application rate of Digest-it®

- 1 litre treats 5,000 gallons (22,500 litres) of slurry
- 20 litres treats 100,000 gallons (450,000 litres) of slurry

Digest-it® is best applied into fresh slurry. This is typically one week after cattle have been put into the shed. For further usage instructions, please contact your Gouling representative.

Aine Sweeney from Glen South Farm, Co Cork

"We have been using Digest-it® since 2017 and the main improvements is the reduced agitation by 50%, also the animals are only being put out for 2 hours and it's then safe to bring them back into the shed as there is no smell."



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Devenish Nutrition Limited
Lagan House,
19 Clarendon Road,
Belfast, BT1 3BG

+44 (0)28 9075 5566
info@devenish.com
www.devenish.com



Goulding Fertilisers Limited
Centre Park Road,
Marina,
Cork

021 4911 611
sales@gouldings.ie
www.gouldings.ie