

# DIGEST RESIDUE MANAGEMENT

REINTRODUCE BIOMAX CELLULOSE DIGESTING FUNGI TO YOUR FARM  
BUILD SOIL ORGANIC CARBON



## CONVERT YOUR STUBBLE INTO QUALITY COMPOST AND AVAILABLE NITROGEN

### What are The Benefits?

- ✓ Fungi break stubble down faster and use less nitrogen than bacteria.
- ✓ Retain nitrogen for next years crop.
- ✓ Fungi contribute to soil organic carbon, soil structure, and water infiltration.
- ✓ Improved stock performance - ewes and lambs will hold and improve condition grazing on treated stubble.
- ✓ Compost valuable stubble in paddock.

### Dry & Unpalatable Pasture?

Dry pasture matter is highly unpalatable for stock due to the cellulose component which prevents animal digestive systems from assimilating nutrients and proteins.

#### The Solution:

The BioMAX Digest Fungi break down the cellulose component of dry plant matter and make the protein and nutrients more available. Stock health and condition can be maintained and stock will generally prefer to graze on residue management program treated pastures.

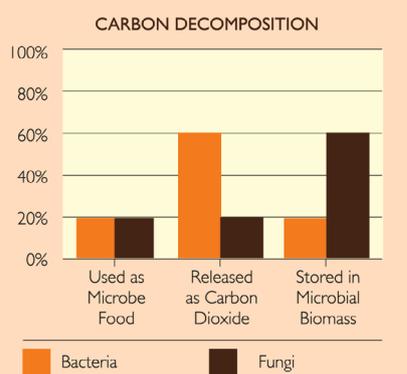
This cost effective approach reduces the need for supplementary feeding giving obvious benefits in both labour and feeding costs.

### BioMAX Digest Fungi The Carbon Convertor

In most agricultural soils, bacteria are dominant over fungi and undertake the decomposition process of dry plant matter.

When bacteria break down plant matter, more carbon is lost to the atmosphere as carbon dioxide - an inefficiency in the carbon cycle of our modern agricultural systems.

Fungi store 3 times more carbon than bacteria.



The fungal species used in BioMAX Digest program are hardy, drought resistant and selected from Australian soils.

*“ Our stubble load was too great to manage. We had toxic effect of wet straw killing the next crop. So we introduced a program of brewing BioMAX digest fungi to help break down the straw which also became a valuable food source for the sheep.”*

Brian Wilson, Mingay VIC



Video link to Wilson Agricultural Film, please click [here](#).

Click here to view the video of Dr Stapper explaining LawrieCo's Cellulose Digesting Fungi.



### Residue Digestion Application Rates

Rates are based on Stubble Load:

	Low (1-2 t/ha)	Med (2-4 t/ha)	High (4-6 t/ha)
Brewed BioMAX Digest Fungi	10 L/Ha	20 L/Ha	30 L/Ha
BioMAX Digest Kicker	2 L/Ha	4 L/Ha	6 L/Ha

Building wealth from soil with  
Next Generation Fertiliser

