



empowering farmers & landscapes to thrive

Biological Assessment Request Form

Company Name: _____

Contact Name: _____

Contact Phone: _____

Contact Email: _____

Sampling Date: ____/____/____

Sample Identifier: _____

Sample Type: **Soil** ☐ **Compost** ☐ **Extract /Tea** ☐ **Faeces** ☐

plant/crop/livestock type & age: _____

For soil, compost and extract requests, a full report will be emailed to you which includes:

- Total fungal biomass and oomycete biomass (detrimental fungi)
- Total bacterial biomass
- Fungal to bacterial ratio
- Actinobacterial biomass
- Protozoan count, distinguishing flagellates, amoeba, ciliates
- Nematode count, distinguishing bacterial feeders, fungal feeders, predatory and root feeders

For Faecal egg counts, a report will be emailed to you which includes:

- Individual counts for each sample (strongyle eggs)
- A recommendation on whether drenching is necessary at this time.

Please send all samples to:
Kirsty Horsman, Flourish Agroecology
PO Box 6174, Kangaroo Valley NSW 2577

Sampling instructions

Soil

- Take a minimum of 3 cores to a depth of 10cm from a single representative sample area (weedy patch, bare patch, healthy patch etc).
- Place all 3 cores into a zip-lock plastic bag and label the outside of the bag with the sampling date and sample identifier (eg hill paddock, lucerne crop). Do not fill more than half the bag.
- Seal bag, just before sending, being careful not to expel air from the sealed bag.
- Place bag and this completed form into an express post envelope and send.

Compost

- Take a minimum of 5 (spoon sized) samples from different parts (and at different depths) of your small compost pile and mix together in a zip-lock plastic bag.
- For windrow piles, sample from at least 20 different parts, mix thoroughly in a clean plastic bucket and place a representative sample into a zip-lock plastic bag. Do not fill more than halfway.
- Label the outside of the bag with the sampling date and sample identifier.
- Place bag and this completed form into an express post envelope and send.

Liquid samples

- Pour liquid into a clean, plastic, sealable container (600ml spring water bottle is ideal).
- Fill container 1/3 leaving head space for air exchange.
- Screw the cap on tightly, cover it with duct tape and place it in a sealed zip-lock bag.
- Label the outside of the zip-lock bag with the sampling date and sample identifier.
- Place the bag and this completed form into an express post envelope and send.

Manure

- Collect samples as you see them deposited and note the livestock number or class.
- Collect a minimum of ten pellets or equivalent for each sample.
- Sample from 5-10% of your flock, or a minimum of 3 samples from smaller flocks.
- Place individual samples from each animal into a separate zip-lock bag and label the outside of the bag with the date collected and a sample identifier.
- Place bag and this completed form into an express post envelope and send.

Please do not place this form or any labels inside your sample bag. The paper will disintegrate, become food for microbes and potentially change the biology of your sample.

Payment

Soil biological assessment costs \$300 + GST per analysis.

Faecal Egg counts cost \$45 + GST per analysis with a minimum recommended number of 3 samples.

An invoice will be sent by email once the assessment is complete. Please pay via bank transfer. Once payment is confirmed (please email bank remittance advice to kirsty@flourishag.com.au) results will be emailed to you.

If you have any further questions, please contact Kirsty via email (above) or phone on 0468 332 395. If I am unable to take your call, please send a **text message**. Do not leave a voicemail.