creation innovation
AGRICULTURE AND FORESTRY
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Microbiology Test

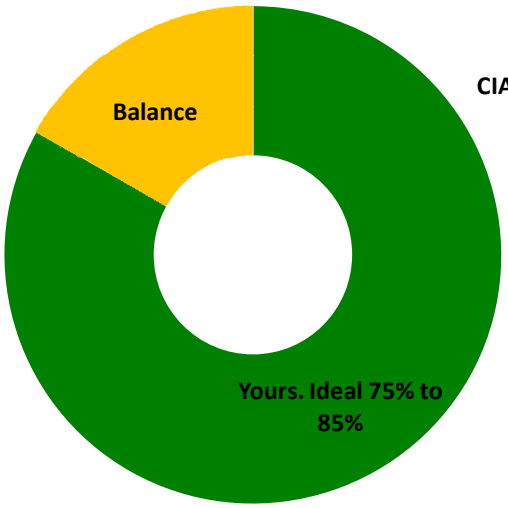
Agent	APAL	**APAL ID**	A230
Client name	ABC FARMS	**Test (Lab info)**	F3
Sample ID	BACK PADDOCK	**Location**	0
Sample Received	15.07.11	**Authorised by**	ASH MARTIN
CROP	TURF	**CIAAF Analysis no.**	193-1

Test F3 - Microbial Activity (Soil)

Test item	Yours	Guide
Microbial Activity Indicator	83.2	80.0

Key

Good	Fair	Poor



CIAAF Microbial Activity Indicator

Comments

The microbial activity in your sample is good. This result indicates that current management practices are beneficial to microbial activity and should continue to maintain a good level of microbial activity in the absence of adverse events if maintained. The test is a measurement of total microbial activity which includes both fungus and bacteria levels. As the soil nutrition increases then the level of bacterial activity increases, examination of the soil analysis can indicate benefits or potential problems. If your reading shows good to high and soil calcium is low then it can indicate a higher level of fungal activity rather than bacterial activity. A level of >85 can indicate a higher level of compost/trash decomposition which can result in a loss of N indicating that extra N may be required

Explanations The CIAAF Microbial Activity test measures the actual biological activity of microorganisms in your sample. It can also be with other tests, for example, Test F3 (Microbiology Suite), to calculate the proportion of dormant and active microbes in your sample. Guide values are included as a help, but it is recommended that you compare results with a control test for your sample. Microbiology varies with environment conditions, therefore absolute desirable levels are likely to be inaccurate for your precise environment.

Analysis by Creation Innovation Agriculture and Forestry (CIAAF)
The information in this report should be used under consideration of particular production conditions. The guide levels are derived from ongoing reserach carried out by CIAAF. They are intended as a general guide only and do not take into account your specific conditions. Comparison of results with those obtained using other methods may be inaccurate, as accurate interpretation relies on specific sampling and analysis methods. CIAAF and its employees or agents will not be liable for any loss or damage arising from the use of the information supplied in this report. Please seek specific guidance and recommendations from your advisor.