KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

SOIL FERTILITY ANALYSIS

Soil Fertility Laboratory
Private Bag X9059, Pietermaritzburg, 3200
Tel: 033 355 9200 /033 3559194
Tel: 033 343 8226 /033 355 9455 / 033 3559597

Cost per sample: R170

Date**:**

Surname: **Initials:**	**District Municipality:**
Address	**Commercial ☐ Small Scale ☐ Research ☐ Other ☐**
	FARM/COMPANY/UNIVERSITY/PVT:
Postal code	
Contact No [cell] **Tel No.**	**LIMS Client No.**
e-mail address:	**INVOICE/RECEIPT NO.**

Fertilizer options? (Y / N)
Nutrient recommendations are calculated to bags of fertilizer per hectare

BioClimatic Group

See crop codes on the back of the form

Sampling depth codes:
(recommendations for topsoil samples only)
1. 0-150mm (topsoil) 2. 150-300mm
3. 300-450mm 4. >450mm

	Sample ID (Maximum of 10 characters)	Laboratory ID	Prior Crop code	Crop choices:- Maximum of three			Crop Irrigated (Y/N)	Sample depth code	No Till field (Y/N)	GPS Co-ordinates
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

FERTILITY incorporates the following elements: P, K, Ca, Mg, Exch. Acidity, Ph, Zn, Mn, Cu, (Estimates: Org. C, N, Clay)

Crop codes to complete form on reverse side.

1. *Clearly label all the boxed samples and ensure that the labels correspond exactly with what is listed on the submission forms before handing them over at reception.*
2. *The analytical methods used to produce the result may vary between different labs, and hence the results themselves.*
3. *Results may not be used for litigation.*

Please note that lime and fertilizer recommendations can be given for these crops only.

Crop	Est*	Maint	Crop	Est*	Maint
Apple	121	151	**M**acadamia	108	138
Asparagus	78		Maize grain (limited input options)	40	
Avocado	101	131	Maize silage	42	
Banana	102	132	Maize grain	41	
Beetroot	88		Mango	109	139
Brassica fodder crops	85		Melon	81	
Broccoli	67		Mint	76	
Brussels sprout	79		**O**nion	61	
Cabbage	63		Other tropical grasses (Teff, Rhodes, etc)	19	39
Cannabis (CBD)	91		**P**apaya	110	140
Cannabis (Hemp)	92		Parsley	74	
Carrot	70		Parsnip	89	
Cauliflower	80		Pea	90	
Celery	64		Peach	122	152
Citrus	103	133	Pecan	111	141
Clover (pure stand)	10	30	Pepper	66	
Cocksfoot	12	32	Perennial ryegrass with clover	8	28
Cocksfoot with clover	13	33	Perennial ryegrass	7	27
Coffee	104	134	Pineapple	112	
Cotton	46		Potato	43	
Cucumber	82		Proteaceae	173	174
Cut Flowers	175	176	Pumpkin	68	
Cynodon spp. (K11, Star, etc)	14	34	**R**adish	84	
Digitaria spp. (Smuts etc)	15	35	Roses	171	172
Dry bean	50		Rose geranium	179	180
Eggplant	69		**S**orghum grain	53	
Endive	77		Soybean	47	
Eragrostis curvula	2	22	Spinach	75	
Fescue with clover	4	24	Squash	83	
Fescue	3	23	Strawberry	71	
Fodder sorghum, babala, millet	16		Sunflower	49	
Granadilla	105	135	Sweet potato	54	
Green bean	72		**T**ea tree	181	182
Groundnut	48		**T**emperate fodder cereals	9	29
Guava	106	136	Tomato	62	
Italian ryegrass with clover	6	26	Turnip	87	
Italian ryegrass	5	25	**W**heat _ winter	45	
Jap. Radish	86		**Y**oungberry	73	
Kikuyu	1	21	**W**heat _ winter	45	
Lavender	177	178	**Y**oungberry	73	
Lettuce	65		Essential Oils - Established	170	
Litchi	107	137			
Lucerne	11	31			
Lupin	51				

BioClimatic Groups of KwaZulu-Natal Region:

1. Coast Lowlands
2. Coast Hinterland
3. ***Mist Belt***

4e. ***Highland Sourveld (moist)***

4f. ***Highland Sourveld (dry)***

5. Montane
6. ***Upland (moist)***
7. Riverine (Tugela)
8. ***Upland (drier)***
9. Lowland to Upland (Zululand)
10. Riverine + Interior Lowland
11. Arid Lowland

*Est: Establish- crop to be planted.

Maint: Maintenance- crop to be top dressed.

1. *Clearly label all the boxed samples and ensure that the labels correspond exactly with what is listed on the submission forms before handing them over at reception.*
2. *The analytical methods used to produce the result may vary between different labs, and hence the results themselves.*
3. *Results may not be used for litigation.*