



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

SOIL FERTILITY ANALYSIS

Soil Fertility Laboratory

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Cost per sample : R150 **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 back of form for crop codes				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															
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12															
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15															
16															
17															
18															
19															
20															
21.															
22.															

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.

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

Crop	Est*	Maint	Crop	Est*	Maint
Apple	121	151	Macadamia	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		Onion	61	
Cabbage	63		Other tropical grasses (Teff, Rhodes, etc)	19	39
Cannabis (CBD)	91		Papaya	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	Radish	84	
Digitaria spp. (Smuts etc)	15	35	Roses	171	172
Dry bean	50		Rose geranium	179	180
Eggplant	69		Sorghum 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		Tea tree	181	182
Groundnut	48		Temperate fodder cereals	9	29
Guava	106	136	Tomato	62	
Italian ryegrass with clover	6	26	Turnip	87	
Italian ryegrass	5	25	Wheat _ winter	45	
Jap. Radish	86		Youngberry	73	
Kikuyu	1	21	Wheat _ winter	45	
Lavender	177	178	Youngberry	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.