

Cultivar		Region	g Fatty acids/100 g Fatty Acids														
			C14:0	C16:0	C16:1	C17:0	C18:0	C18:1 cis	C18:1 n7*	C18:2 cis	C18:3 n6	C18:3 n3	C20:0	C20:1	C20:2	C22:0	C24:0
North West	15	LOQ	10.64	LOQ	LOQ	LOQ	4.66	21.54	1.5	52.7	ND	7.5	0.429	0.171	ND	0.457	0.162
	17	LOQ	10.34	LOQ	LOQ	LOQ	4.93	21.22	1.6	52.9	ND	7.5	0.445	0.156	ND	0.419	0.159
	18	LOQ	10.14	LOQ	LOQ	LOQ	5.20	21.76	1.6	52.3	ND	7.4	0.480	0.165	ND	0.516	0.174
	19	LOQ	10.16	LOQ	LOQ	LOQ	4.94	20.67	1.6	53.9	ND	7.2	0.439	0.160	ND	0.454	0.163
	Min	-	10.14	-	-	4.66	20.67	1.5	52.3	-	7.2	0.429	0.156	-	0.419	0.159	
	Max	-	10.64	-	-	5.20	21.76	1.6	53.9	-	7.5	0.480	0.171	-	0.516	0.174	
	N	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Free State	22	LOQ	10.60	LOQ	LOQ	LOQ	5.63	21.67	1.6	51.8	ND	7.1	0.504	0.165	ND	0.496	0.163
	26	LOQ	10.61	LOQ	LOQ	LOQ	5.79	22.75	1.5	51.0	ND	6.56	0.554	0.185	ND	0.553	0.212
	27	LOQ	9.79	LOQ	LOQ	LOQ	6.32	22.39	1.5	51.8	ND	6.56	0.561	0.171	ND	0.516	0.182
	28	LOQ	10.32	LOQ	LOQ	LOQ	7.00	22.87	1.6	50.7	ND	5.96	0.536	0.165	ND	0.439	0.181
	28	LOQ	10.28	LOQ	LOQ	LOQ	5.67	22.47	1.5	51.9	ND	6.57	0.501	0.166	ND	0.490	0.163
	Min	-	9.79	-	-	5.63	21.67	1.5	50.7	-	5.96	0.501	0.165	-	0.439	0.163	
	Max	-	10.61	-	-	7.00	22.87	1.6	51.9	-	7.1	0.561	0.185	-	0.553	0.212	
Mpumalanga	N	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	29	LOQ	10.06	LOQ	LOQ	LOQ	6.00	21.85	1.6	52.3	ND	6.64	0.538	0.167	ND	0.518	0.178
	29	LOQ	10.63	LOQ	LOQ	LOQ	5.37	19.34	1.4	54.2	ND	7.5	0.487	0.154	ND	0.494	0.148
	30	LOQ	9.67	LOQ	LOQ	LOQ	5.06	22.40	1.5	52.0	ND	8.0	0.430	LOQ	ND	0.473	LOQ
	30	LOQ	10.30	LOQ	LOQ	LOQ	6.19	22.65	1.5	51.1	ND	6.7	0.492	0.175	ND	0.440	0.175
	30	LOQ	10.52	LOQ	LOQ	LOQ	5.70	21.79	1.6	51.3	ND	7.6	0.484	0.151	ND	0.451	LOQ
	31	LOQ	9.58	LOQ	LOQ	LOQ	6.05	21.01	1.6	53.1	ND	7.0	0.550	0.159	ND	0.531	0.194
Gauteng	32	LOQ	10.50	LOQ	LOQ	LOQ	5.81	20.98	1.4	52.3	ND	7.4	0.483	0.157	ND	0.441	0.148
	33	LOQ	10.03	LOQ	LOQ	LOQ	5.08	21.02	1.5	52.9	ND	7.9	0.430	0.149	ND	0.444	0.142
	33	LOQ	10.46	LOQ	LOQ	LOQ	4.82	22.91	1.6	51.4	ND	7.3	0.431	0.158	ND	0.465	0.140
	Min	-	9.58	-	-	4.82	19.34	1.4	51.1	-	6.64	0.430	0.149	-	0.440	0.140	
	Max	-	10.63	-	-	6.19	22.91	1.6	54.2	-	8.0	0.550	0.175	-	0.531	0.194	
	N	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	34	LOQ	10.03	LOQ	LOQ	LOQ	5.66	21.82	1.6	52.4	ND	6.9	0.511	0.165	ND	0.489	0.175
KwaZulu-Natal	36	LOQ	10.76	LOQ	LOQ	4.60	21.68	1.6	52.8	ND	7.3	0.381	0.146	ND	0.410	LOQ	
RSA	Min	-	9.58	-	-	4.60	19.34	1.4	50.7	-	5.96	0.381	0.146	-	0.410	0.140	
	Max	-	10.76	-	-	7.00	22.91	1.6	54.2	-	8.0	0.561	0.185	-	0.553	0.212	
	N	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	

Note:
 All fatty acids marked with an asterisk (*) are not SANAS accredited.
 Limit of detection (LOD) = 0.06 g/100 g.
 Values below the limit of detection are reported as ND (not detected).
 Limit of quantitation (LOQ) = 0.14 g/100 g.
 Values below the limit of quantitation cannot be accurately quantified.