

**Table 8: Fatty acid profile results per cultivar - 2018/19 season**

Province	Region	Cultivar	g Fatty acids/100 g Fatty Acids																			
			C14:0	C16:0	C16:1	C17:0	C17:1	C18:0	C18:1 t	C18:1 c	C18:2 t	C18:2 c	C18:3n6	C18:3n3	C20:0	C20:1	C20:2	C21:0	C22:0	C22:1	C24:0	C24:1
North West	18	AGSUN 5106 CLP	ND	6.02	ND	ND	ND	4.28	ND	26.64	ND	61.3	ND	ND	0.402	< LOQ	ND	ND	0.73	ND	< LOQ	ND
			ND	5.75	ND	ND	ND	6.31	ND	24.53	ND	61.2	ND	ND	0.52	< LOQ	ND	ND	0.91	ND	< LOQ	ND
			ND	5.15	ND	ND	ND	6.90	ND	16.46	ND	69.4	ND	< LOQ	ND	0.54	< LOQ	ND	ND	0.86	ND	0.30
	18	AGSUN 8251	ND	4.79	ND	ND	ND	7.04	ND	18.93	ND	67.0	ND	ND	0.56	< LOQ	ND	ND	1.10	ND	< LOQ	ND
			-	4.79	-	-	-	4.28	-	16.46	-	61.2	-	-	0.402	-	-	-	0.73	-	-	-
			-	6.02	-	-	-	7.04	-	26.64	-	69.4	-	-	0.56	-	-	-	1.10	-	-	0.30
	18	P 65 LL14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
			ND	5.82	ND	ND	ND	4.64	ND	27.77	ND	59.7	ND	ND	0.403	< LOQ	ND	ND	0.77	ND	< LOQ	ND
			ND	5.37	ND	ND	ND	6.71	ND	25.14	ND	60.9	ND	ND	0.50	< LOQ	ND	ND	0.85	ND	< LOQ	ND
	18	PAN 7168 HO	ND	5.64	ND	ND	ND	5.55	ND	14.29	ND	72.7	ND	< LOQ	0.48	< LOQ	ND	ND	0.89	ND	< LOQ	ND
			ND	4.99	ND	ND	ND	5.55	ND	17.69	ND	69.8	ND	< LOQ	0.51	< LOQ	ND	ND	0.95	ND	< LOQ	ND
			-	4.99	-	-	-	3.69	-	14.29	-	64.3	-	-	0.402	-	-	-	0.80	-	-	0.283
18	SY 3975 CLOH	-	6.29	-	-	-	5.55	-	23.60	-	72.7	-	-	0.51	-	-	-	0.95	-	-	0.28	-
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		ND	5.52	ND	ND	ND	6.99	ND	16.72	ND	66.7	ND	< LOQ	0.57	< LOQ	ND	ND	1.00	ND	< LOQ	ND	
18	PAN 7168 HO	ND	3.42	ND	ND	ND	3.95	ND	82.3	ND	7.93	ND	ND	0.415	0.303	ND	ND	1.29	ND	0.41	ND	
		ND	2.80	ND	ND	ND	4.17	ND	82.2	ND	8.32	ND	< LOQ	0.405	< LOQ	ND	ND	1.34	ND	0.38	ND	
		ND	2.82	ND	ND	ND	4.37	ND	79.4	ND	11.07	ND	ND	0.40	< LOQ	ND	ND	1.23	ND	0.33	ND	
18	SY 3975 CLOH	-	2.80	-	-	-	3.95	-	16.72	-	7.93	-	-	0.405	-	-	-	1.00	-	-	0.33	-
		5.52	5.52	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		ND	3.76	< LOQ	ND	ND	3.68	ND	82.3	ND	7.62	ND	ND	0.402	0.296	ND	ND	1.43	ND	0.44	ND	
18	SY 3975 CLOH	ND	3.65	ND	ND	ND	5.14	ND	84.7	ND	3.306	ND	ND	0.53	0.301	ND	ND	1.79	ND	0.43	ND	
		ND	2.68	ND	ND	ND	5.55	ND	82.9	ND	6.00	ND	ND	0.50	< LOQ	ND	ND	1.77	ND	0.41	ND	
		ND	2.73	ND	ND	ND	5.54	ND	81.5	ND	7.39	ND	< LOQ	0.49	< LOQ	ND	ND	1.63	ND	0.39	ND	
RSA	N	-	2.68	-	-	-	3.68	-	81.49	-	3.336	-	-	0.402	0.296	-	-	1.43	-	-	0.39	-
		3.76	3.76	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
RSA	N	-	2.68	-	-	-	3.68	-	14.29	-	3.336	-	-	0.402	0.296	-	-	0.73	-	-	0.283	-
		6.29	6.29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		7.97	7.97	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

**Note:**  
 Limit of detection (LOD) = 0.09 g Fatty acid/100 g Fatty acids  
 Limit of quantitation (LOQ) = 0.28 g Fatty acid/100 g Fatty acids.  
 Values below the limit of quantitation cannot be accurately quantified.  
 ND = Not detected