

**Table 8: Fatty acid profile results per cultivar - 2020/21 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 c	C18:2 c	C18:3n6	C18:3n5	C18:3n3	C20:0	C20:1	C20:2	C21:0	C22:0	C24:0	C24:1
North West	18	AGSUN 5106 CLP	ND	5.15	ND	ND	ND	6.100	25.78	60.7	ND	0.34	ND	0.388	LOQ	ND	ND	0.90	LOQ	ND
			ND	6.01	ND	ND	ND	5.175	21.00	65.7	ND	0.43	ND	0.339	LOQ	ND	ND	0.75	LOQ	ND
			ND	6.37	ND	ND	ND	4.957	18.67	67.9	ND	0.41	ND	0.322	LOQ	ND	ND	0.72	LOQ	ND
			ND	6.21	ND	ND	ND	7.20	15.52	68.9	ND	0.34	ND	0.423	LOQ	ND	ND	0.83	LOQ	ND
			ND	5.78	ND	ND	ND	9.13	14.66	68.2	ND	LOQ	LOQ	0.529	LOQ	ND	ND	0.90	LOQ	ND
			-	5.15	-	-	-	4.957	14.66	60.7	-	0.34	-	0.322	-	-	-	0.72	-	-
			-	6.37	-	-	-	9.13	25.78	68.9	-	0.43	-	0.529	-	-	0.90	-	-	
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
			ND	5.21	ND	ND	ND	6.67	25.40	60.4	ND	0.37	ND	0.428	LOQ	ND	ND	0.90	LOQ	ND
North West	18	AGSUN 8251	ND	5.75	ND	ND	ND	5.805	21.68	64.7	ND	0.36	ND	0.374	LOQ	ND	0.77	LOQ	ND	
			ND	6.32	ND	ND	ND	5.135	18.14	68.3	ND	0.43	ND	0.333	LOQ	ND	0.71	LOQ	ND	
			ND	6.03	ND	ND	ND	7.49	14.66	69.6	ND	0.36	ND	0.442	LOQ	ND	0.79	LOQ	ND	
			ND	5.80	ND	ND	ND	9.10	13.78	69.1	ND	LOQ	LOQ	0.529	LOQ	ND	0.87	LOQ	ND	
			-	5.21	-	-	-	5.135	13.78	60.4	-	0.36	-	0.333	-	-	-	0.71	-	-
			-	6.32	-	-	-	9.10	25.40	69.6	-	0.43	-	0.529	-	-	-	0.90	-	-
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
			ND	5.22	ND	ND	ND	4.282	24.65	63.7	ND	0.45	ND	0.321	LOQ	ND	ND	0.75	LOQ	ND
			ND	5.57	ND	ND	ND	4.043	21.43	66.8	ND	0.46	ND	0.312	LOQ	ND	ND	0.69	LOQ	ND
North West	18	Aguara 6	ND	5.53	ND	ND	ND	4.195	20.76	67.3	ND	0.49	ND	0.315	LOQ	ND	0.73	LOQ	ND	
			ND	5.52	ND	ND	ND	5.202	16.51	70.6	ND	0.35	LOQ	0.359	LOQ	ND	ND	0.80	LOQ	ND
			ND	5.23	ND	ND	ND	6.82	15.55	70.2	ND	0.30	LOQ	0.429	LOQ	ND	ND	0.86	LOQ	ND
			-	5.22	-	-	-	4.043	15.55	63.7	-	0.30	-	0.312	-	-	0.69	-	-	
			-	5.57	-	-	-	6.82	24.65	70.6	-	0.49	-	0.429	-	-	-	0.86	-	-
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
North West	18	P 65 LL 14	ND	5.55	ND	ND	ND	5.18	22.77	64.3	ND	0.36	ND	0.365	LOQ	ND	0.85	LOQ	ND	
			ND	6.38	ND	ND	ND	4.718	19.45	67.3	ND	0.39	ND	0.343	LOQ	ND	ND	0.80	LOQ	ND
			ND	6.72	ND	ND	ND	4.545	17.04	69.6	ND	0.37	ND	0.338	LOQ	ND	ND	0.79	LOQ	ND
			ND	6.79	ND	ND	ND	5.440	14.25	71.3	LOQ	LOQ	0.384	LOQ	ND	ND	0.88	LOQ	ND	
			ND	6.17	ND	ND	ND	7.70	13.92	69.9	ND	LOQ	LOQ	0.491	LOQ	ND	ND	0.96	LOQ	ND
			-	5.55	-	-	-	4.545	13.92	64.3	-	0.36	-	0.338	-	-	-	0.79	-	-
			-	6.79	-	-	-	7.70	22.77	71.3	-	0.39	-	0.491	-	-	0.96	-	-	
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
			ND	5.23	ND	ND	ND	6.82	15.55	70.2	ND	0.30	LOQ	0.429	LOQ	ND	ND	0.86	LOQ	ND

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Province	Region	Cultivar	g Fatty acids/100 g Fatty Acids																		
			C14:0	C16:0	C16:1	C17:0	C17:1	C18:0	C18:1 c	C18:2 c	C18:3n6	C18:3n5	C18:3n3	C20:0	C20:1	C20:2	C21:0	C22:0	C24:0	C24:1	
North West	18	PAN 7180 CLP	ND	5.76	ND	ND	ND	5.344	24.80	61.9	ND	LOQ	ND	0.392	LOQ	ND	ND	0.91	LOQ	ND	
			ND	6.77	ND	ND	ND	4.554	20.24	66.2	ND	0.34	LOQ	0.353	LOQ	ND	ND	0.83	LOQ	ND	
			ND	7.01	ND	ND	ND	4.300	19.29	67.2	ND	0.35	ND	0.341	LOQ	ND	ND	0.83	LOQ	ND	
			ND	6.88	ND	ND	ND	5.974	16.60	68.2	ND	0.29	LOQ	0.425	LOQ	ND	ND	0.94	LOQ	ND	
			ND	6.26	ND	ND	ND	7.48	15.09	68.9	ND	LOQ	LOQ	0.490	LOQ	ND	ND	0.94	LOQ	ND	
			-	5.76	-	-	-	4.300	15.09	61.9	-	0.29	-	0.341	-	-	-	-	0.83	-	-
			-	7.01	-	-	-	7.48	24.80	68.9	-	0.35	-	0.490	-	-	-	-	0.94	-	-
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			ND	5.89	ND	ND	ND	4.972	21.15	65.5	ND	0.47	LOQ	0.364	LOQ	LOQ	ND	ND	0.98	LOQ	ND
			ND	6.57	ND	ND	ND	4.020	17.53	69.5	ND	0.54	LOQ	0.326	LOQ	LOQ	ND	ND	0.89	LOQ	ND
North West	18	SY 3970 CL	ND	6.84	ND	ND	ND	4.452	19.52	66.9	ND	0.37	LOQ	0.368	LOQ	ND	ND	0.93	LOQ	ND	
			ND	6.50	ND	ND	ND	5.942	13.77	71.3	ND	0.37	LOQ	0.433	LOQ	ND	ND	1.06	LOQ	ND	
			ND	5.88	ND	ND	ND	8.37	13.86	69.5	ND	0.30	LOQ	0.527	LOQ	ND	ND	1.03	LOQ	ND	
			-	5.88	-	-	-	4.020	13.77	65.5	-	0.30	-	0.326	-	-	-	0.89	-	-	
			-	6.84	-	-	-	8.37	21.15	71.3	-	0.54	-	0.527	-	-	-	-	1.06	-	-
			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
			-	5.15	-	-	-	4.020	13.77	60.4	-	0.29	-	0.312	-	-	-	-	0.69	-	-
			-	7.01	-	-	-	9.13	25.78	71.3	-	0.54	-	0.529	-	-	-	-	1.06	-	-
			30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
			North West	18	All N	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

**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