

Table 8: Fatty acid profile results of a selection of cultivar samples from the 2021/22 season (continue)

Province	Re- gion	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	C18:1 n7	C18:2 t	C18:2 c	C18:3n6	C18:3n5	C18:3n3	C20:0	C20:1	C20:2	C20:5	C21:0	C22:0	C22:1	C24:0	C24:1	Unknown	
North West	18	AGSUN 5106 CLP	ND	4.71	ND	ND	ND	5.59	ND	24.65	0.52	ND	62.0	ND	ND	ND	0.429	LOQ	ND	LOQ	ND	1.03	ND	0.291	ND	LOQ	
	23		ND	4.23	ND	ND	LOQ	ND	5.59	ND	32.19	0.49	ND	54.9	ND	ND	ND	0.463	LOQ	ND	LOQ	ND	1.12	ND	0.30	ND	LOQ
	26		ND	4.44	ND	LOQ	LOQ	ND	8.70	ND	14.26	0.49	ND	69.2	ND	ND	LOQ	0.63	LOQ	ND	LOQ	ND	1.29	ND	0.281	ND	LOQ
	Min		-	4.23	-	-	-	5.59	-	14.26	0.49	-	54.9	-	-	-	0.429	-	-	-	-	1.03	-	0.281	-	-	
	Max		-	4.71	-	-	-	8.70	-	32.19	0.52	-	69.2	-	-	-	0.63	-	-	-	-	1.29	-	0.30	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
North West	18	AGSUN 8251	ND	4.69	ND	ND	ND	5.82	ND	25.52	0.48	ND	60.9	ND	ND	ND	0.448	LOQ	ND	LOQ	ND	1.06	ND	0.33	ND	LOQ	
	23		ND	4.27	ND	ND	LOQ	ND	5.84	ND	33.06	0.45	ND	53.7	ND	ND	ND	0.48	LOQ	ND	LOQ	ND	1.14	ND	0.36	ND	LOQ
	26		ND	4.77	ND	ND	ND	8.36	ND	13.48	0.47	ND	70.3	ND	ND	LOQ	0.57	LOQ	ND	LOQ	ND	1.06	ND	0.281	ND	LOQ	
	Min		-	4.27	-	-	-	5.82	-	13.48	0.45	-	53.7	-	-	-	0.448	-	-	-	-	1.06	-	0.281	-	-	
	Max		-	4.77	-	-	-	8.36	-	33.06	0.48	-	70.3	-	-	-	0.57	-	-	-	-	1.14	-	0.36	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
North West	18	Aguara 6	ND	4.38	ND	ND	LOQ	ND	4.22	ND	22.39	0.55	ND	65.8	ND	ND	ND	0.390	LOQ	ND	LOQ	ND	0.97	ND	0.34	ND	LOQ
	23		ND	3.83	ND	ND	ND	4.42	ND	31.76	0.51	ND	57.0	ND	ND	ND	0.399	LOQ	ND	LOQ	ND	0.98	ND	0.33	ND	LOQ	
	26		ND	4.52	ND	ND	ND	6.55	ND	15.92	0.52	ND	70.1	ND	ND	LOQ	0.49	LOQ	ND	LOQ	ND	1.04	ND	0.285	ND	LOQ	
	Min		-	3.83	-	-	-	4.22	-	15.92	0.51	-	57.0	-	-	-	0.390	-	-	-	-	0.97	-	0.285	-	-	
	Max		-	4.52	-	-	-	6.55	-	31.76	0.55	-	70.1	-	-	-	0.49	-	-	-	-	1.04	-	0.34	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
North West	18	P 65 LL 14	ND	4.78	ND	ND	ND	5.33	ND	23.37	0.48	ND	63.5	ND	ND	ND	0.425	LOQ	ND	LOQ	ND	1.04	ND	0.31	ND	LOQ	
	23		ND	4.81	ND	ND	ND	4.77	ND	22.85	0.53	ND	64.6	ND	ND	ND	0.399	LOQ	ND	LOQ	ND	0.98	ND	0.33	ND	LOQ	
	26		ND	5.00	ND	ND	ND	6.59	ND	13.82	0.46	ND	71.7	ND	ND	LOQ	0.49	LOQ	ND	LOQ	ND	1.08	ND	0.299	ND	LOQ	
	Min		-	4.78	-	-	-	4.77	-	13.82	0.46	-	63.5	-	-	-	0.399	-	-	-	-	0.98	-	0.299	-	-	
	Max		-	5.00	-	-	-	6.59	-	23.37	0.53	-	71.7	-	-	-	0.49	-	-	-	-	1.08	-	0.33	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
North West	18	PAN 7180 CLP	ND	5.49	ND	ND	ND	4.85	ND	21.54	0.55	ND	64.8	ND	ND	LOQ	0.437	LOQ	ND	LOQ	ND	1.13	ND	0.32	ND	LOQ	
	23		ND	5.60	ND	ND	ND	6.23	ND	14.49	0.55	ND	70.6	ND	ND	LOQ	0.465	LOQ	ND	LOQ	ND	1.02	ND	LOQ	ND	LOQ	
	26		ND	5.81	ND	ND	ND	6.04	ND	14.57	0.58	ND	70.5	ND	ND	LOQ	0.53	LOQ	ND	LOQ	ND	1.04	ND	LOQ	ND	LOQ	
	Min		-	5.49	-	-	-	4.85	-	14.49	0.55	-	64.8	-	-	-	0.437	-	-	-	-	1.02	-	0.320	-	-	
	Max		-	5.81	-	-	-	6.23	-	21.54	0.58	-	70.6	-	-	-	0.53	-	-	-	-	1.13	-	0.32	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
North West	18	SY 3970 CL	ND	4.78	ND	ND	ND	5.50	ND	25.03	0.51	ND	61.3	ND	ND	LOQ	0.48	LOQ	ND	LOQ	ND	1.27	ND	0.34	ND	LOQ	
	23		ND	4.52	ND	ND	ND	7.36	ND	15.00	0.43	ND	70.0	ND	ND	LOQ	0.52	LOQ	ND	LOQ	ND	1.22	ND	LOQ	ND	LOQ	
	26		ND	5.31	ND	ND	ND	6.82	ND	13.89	0.53	ND	70.8	ND	ND	LOQ	0.53	LOQ	ND	LOQ	ND	1.26	ND	0.280	ND	LOQ	
	Min		-	4.52	-	-	-	5.50	-	13.89	0.43	-	61.3	-	-	-	0.480	-	-	-	-	1.22	-	0.280	-	-	
	Max		-	5.31	-	-	-	7.36	-	25.03	0.53	-	70.8	-	-	-	0.53	-	-	-	-	1.27	-	0.34	-	-	
	N		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
RSA	Min		-	3.83	-	-	-	4.22	-	13.48	0.43	-	53.7	-	-	-	0.390	-	-	-	-	0.97	-	0.280	-	-	
	Max		-	5.81	-	-	-	8.70	-	33.06	0.58	-	71.7	-	-	-	0.63	-	-	-	-	1.29	-	0.36	-	-	
	N		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18		

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