

Nitrate Surveillance: Appendix 1

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		Sampling Month							Running Total					
June 2021		Max. permitted (mg NO ₃ /kg)	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	6	6	6	6	6	6	6	6	6	6	6	6
	Lettuce grown in the open air	4000	6	6	6	6	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	6	6	6	6	6	6	3	597.2	1150.7	843.8	6	6
	Lettuce grown in the open air	3000	9	50	3157.7	707.4	1	1	14	50	3157.7	943.1214	1	1
Iceberg type lettuce	Lettuce grown in the open air	2000	6	6	6	6	6	6	6	6	6	6	6	6
			3	394.9	797	550.1	6	6	6	6	6	6	6	6
Spinach	Fresh	3500	1	213.9	213.9	213.9	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Rocket	Harvested 01 October - 31 March	7000	6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September	6000	6	6	6	6	6	6	3	1020.6	3989.6	2449.367	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Other leafy green veg		n/a	1	904.7	904.7	904.7	6	6	1	904.7	904.7	904.7	6	6
Total			14				1	1	35				1	1

		Sampling Month							Running Total					
July 2021		Max. permitted (mg NO ₃ /kg)	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	6	6	6	6	6	6	6	6	6	6	6	6
	Lettuce grown in the open air	4000	6	6	6	6	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	6	6	6	6	6	6	3	597.2	1150.7	843.8	6	6
	Lettuce grown in the open air	3000	11	478.4	1927	1144.545	6	6	25	50	3157.7	1031.748	1	1
Iceberg type lettuce	Lettuce grown in the open air	2000	2	547.6	689	618.25	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Spinach	Fresh	3500	1	1141.9	1142	1141.9	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Rocket	Harvested 01 October - 31 March	7000	6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September	6000	1	614.1	614	614.1	6	6	4	614.1	3989.6	1990.55	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Other leafy green veg		n/a	2	51.2	407	229.1	6	6	3	51.2	904.7	454.3	6	6
Total			17				6	6	52				1	1

		Sampling Month							Running Total					
August 2021		Max. permitted (mg NO ₃ /kg)	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₃ (mg kg ⁻¹)	Max. NO ₃ (mg kg ⁻¹)	Mean NO ₃ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	6	6	6	6	6	6	6	6	6	6	6	6
	Lettuce grown in the open air	4000	6	6	6	6	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	1	881.5	882	881.5	6	6	4	597.2	1150.7	853.225	6	6
	Lettuce grown in the open air	3000	13	50	2608	1118.208	6	6	38	50	3157.7	1061.326	1	1
Iceberg type lettuce	Lettuce grown in the open air	2000	6	163	1606	1078.133	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Spinach	Fresh	3500	4	428	1669	1075.2	6	6	6	6	6	6	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Rocket	Harvested 01 October - 31 March	7000	6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September	6000	2	1639	1579	1559	6	6	6	614.1	3989.6	1946.7	6	6
			6	6	6	6	6	6	6	6	6	6	6	6
Other leafy green veg		n/a	2	50	882	466.15	6	6	5	50	904.7	459.04	6	6
Total			28				6	6	80				1	1

		Sampling Month							Running Total					
September 2021		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	6	6	6	6	6	6	6	6	6	6	6	6
	Lettuce grown in the open air	4000	6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	5	822.9	4620.5	3203.48	1	1	9	597.2	4620.5	2158.922	1	1
	Lettuce grown in the open air	3000	11	585	3250	1218.138	1	1	49	50	3250	1096.529	2	2
Iceberg type lettuce	Lettuce grown in the open air	2000	3	149	1391.4	959.2333	6	6	15	149	1701.3	928.9733	6	6
Spinach	Fresh	3500	4	230	3819.1	1728.075	1	1	19	92.6	3819.1	1102.063	1	1
Rocket	Harvested 01 October - 31 March	7000	6	6	6	6	6	6	6	6	6	6	6	6
	Harvested 01 April - 30 September	6000	6	6	6	6	6	6	6	614.1	3986.6	1846.7	6	6
Other leafy green veg		n/a	3	2199	3731.3	2776.233	6	6	8	50	3731.3	1327.988	6	6
Total			29				3	3	106				4	4

		Sampling Month							Running Total					
October 2021		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	2	3687.1	4390.1	4038.6	6	6	2	3687.1	4390.1	4038.6	6	6
	Lettuce grown in the open air	4000	9	1037.4	2917.8	1783.078	6	6	9	1037.4	2917.8	1783.078	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	6	6	6	6	6	6	9	597.2	4620.5	2158.922	1	1
	Lettuce grown in the open air	3000	6	6	6	6	6	6	49	50	3250	1096.529	2	2
Iceberg type lettuce	Lettuce grown in the open air	2000	3	672.8	1388.1	968.1	6	6	18	149	1701.3	935.1611	6	6
Spinach	Fresh	3500	3	448.5	3282	1720.867	6	6	22	92.6	3819.1	1186.445	1	1
Rocket	Harvested 01 October - 31 March	7000	1	4158.5	4158.5	4158.5	6	6	1	4158.5	4158.5	4158.5	6	6
	Harvested 01 April - 30 September	6000	6	6	6	6	6	6	6	614.1	3986.6	1846.7	6	6
Other leafy green veg		n/a	14	524.7	5540.6	2623.786	6	6	22	50	5540.6	2152.586	6	6
Total			32				6	6	138				4	4

		Sampling Month							Running Total					
November 2021		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	6	6	6	6	6	6	2	3687.1	4390.1	4038.6	6	6
	Lettuce grown in the open air	4000	6	6	6	6	6	6	9	1037.4	2917.8	1783.078	6	6
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	6	6	6	6	6	6	9	597.2	4620.5	2158.922	1	1
	Lettuce grown in the open air	3000	6	6	6	6	6	6	49	50	3250	1096.529	2	2
Iceberg type lettuce	Lettuce grown in the open air	2000	6	6	6	6	6	6	18	149	1701.3	935.1611	6	6
Spinach	Fresh	3500	6	6	6	6	6	6	22	92.6	3819.1	1186.445	1	1
Rocket	Harvested 01 October - 31 March	7000	6	6	6	6	6	6	1	4158.5	4158.5	4158.5	6	6
	Harvested 01 April - 30 September	6000	6	6	6	6	6	6	6	614.1	3986.6	1846.7	6	6
Other leafy green veg		n/a	2	50	800.9	425.45	6	6	24	50	5540.6	2008.658	6	6
Total			2				6	6	140				4	4

		Sampling Month							Running Total					
December 2021		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	9	1648.2	4333.8	3258.058	0	0	11	1648.2	4390.1	3399.973	0	0
	Lettuce grown in the open air	4000	0	0	0	0	0	0	9	1037.4	2917.8	1783.078	0	0
Iceberg type lettuce	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	0	0	0	0	0	0	9	597.2	4820.5	2158.922	1	1
	Lettuce grown in the open air	3000	0	0	0	0	0	0	49	50	3250	1096.629	2	2
Spinach	Fresh	3500	0	0	0	0	0	0	22	92.6	3819.1	1188.445	1	1
Rocket	Harvested 01 October - 31 March	7000	0	0	0	0	0	0	1	4158.5	4158.5	4158.5	0	0
	Harvested 01 April - 30 September	6000	0	0	0	0	0	0	6	614.1	3988.6	1848.7	0	0
Other leafy green veg		n/a	2	350	5149.6	2749.8	0	0	26	50	5540.6	2095.889	0	0
Total			11				0	0	151				4	4

		Sampling Month							Running Total					
January 2022		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	10	2848.6	5548.6	4052.8	1	1	21	1648.2	5548.6	3710.843	1	1
	Lettuce grown in the open air	4000	0	0	0	0	0	0	9	1037.4	2917.8	1783.078	0	0
Iceberg type lettuce	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	0	0	0	0	0	0	9	597.2	4820.5	2158.922	1	1
	Lettuce grown in the open air	3000	0	0	0	0	0	0	49	50	3250	1096.629	2	2
Spinach	Fresh	3500	1	5814.3	5814.3	5814.3	1	1	23	92.6	5814.3	1387.657	2	2
Rocket	Harvested 01 October - 31 March	7000	1	6599.6	6599.6	6599.6	0	0	2	4158.5	6599.6	5379.05	0	0
	Harvested 01 April - 30 September	6000	0	0	0	0	0	0	6	614.1	3988.6	1848.7	0	0
Other leafy green veg		n/a	1	3365.3	3365.3	3365.3	0	0	27	50	5540.6	2113.804	0	0
Total			13				2	2	164				6	6

		Sampling Month							Running Total					
February 2022		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	0	0	0	0	0	0	31	1063.1	5548.6	3499.935	1	1
	Lettuce grown in the open air	4000	0	0	0	0	0	0	9	1037.4	2917.8	1783.078	0	0
Iceberg type lettuce	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	0	0	0	0	0	0	9	597.2	4820.5	2158.922	1	1
	Lettuce grown in the open air	3000	0	0	0	0	0	0	49	50	3250	1096.629	2	2
Spinach	Fresh	3500	0	0	0	0	0	0	24	92.6	5814.3	1512.442	3	3
Rocket	Harvested 01 October - 31 March	7000	0	0	0	0	0	0	3	1942.7	6599.6	4233.6	0	0
	Harvested 01 April - 30 September	6000	0	0	0	0	0	0	6	614.1	3988.6	1848.7	0	0
Other leafy green veg		n/a	0	0	0	0	0	0	30	50	6356	2416.707	0	0
Total			0				0	0	179				7	7

		Sampling Month							Running Total					
March 2022		Max. permitted (mg NO ₂ /kg)	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max	No. samples	Min. NO ₂ (mg kg ⁻¹)	Max. NO ₂ (mg kg ⁻¹)	Mean NO ₂ (mg kg ⁻¹)	No. samples within 10% of Max	No. samples exceeding Max
Lettuce non-iceberg type	Harvested 01 October - 31 March													
	Lettuce grown under cover	5000	14	875.7	4510.5	2671.507	0	0	45	875.7	5548.6	3242.202	1	1
	Lettuce grown in the open air	4000	0	0	0	0	0	0	9	1037.4	2917.8	1783.078	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
	Harvested 01 April - 30 September													
	Lettuce grown under cover	4000	0	0	0	0	0	0	9	597.2	4820.5	2158.922	1	1
	Lettuce grown in the open air	3000	0	0	0	0	0	0	49	50	3250	1096.629	2	2
			0	0	0	0	0	0	0	0	0	0	0	0
Iceberg type lettuce	Lettuce grown in the open air	2000	0	0	0	0	0	0	18	149	1701.3	935.1611	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
Spinach	Fresh	3500	2	2348.2	2787	2567.6	0	0	26	92.6	5814.3	1593.608	3	3
			0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
Rocket	Harvested 01 October - 31 March	7000	0	0	0	0	0	0	3	1942.7	6599.6	4233.6	0	0
	Harvested 01 April - 30 September	6000	0	0	0	0	0	0	6	614.1	3968.6	1846.7	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
Other leafy green veg		n/a	7	50	7046.9	2994.829	0	0	37	50	7046.9	2526.081	0	0
			0	0	0	0	0	0	0	0	0	0	0	0
	Total		23				0	0	202				7	7