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**Changes in field concentrations of five phalaris alkaloids and their association with toxicity in pastures of Victoria, Australia**

*Elizabeth Read<sup>A,B,D</sup>, Priyanka Reddy<sup>A,B</sup>, David Rendell<sup>C</sup> and Simone Rochfort<sup>A,B</sup>*

<sup>A</sup>Department of Jobs, Precincts and Regions, Agriculture Victoria Research, AgriBio, 5 Ring Road, Bundoora, Vic. 3083, Australia.

<sup>B</sup>School of Applied Systems Biology, College of Science, Health and Engineering, La Trobe University, AgriBio, 5 Ring Road, Bundoora, Vic. 3083, Australia.

<sup>C</sup>Retired. Formerly: Livestock Logic, Hamilton, Vic. 3300, Australia.

<sup>D</sup>Corresponding author. Email: [L.read@latrobe.edu.au](mailto:L.read@latrobe.edu.au)

**Supplementary Table S1. Comparison of alkaloid concentrations with observed light intensity from meteorological data.**

		03-Feb			16-Feb			01-Mar			15-Mar			29-Mar			12-Apr			10-May			24-May			07-Jun		
		2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days	2-weeks	1 week	3 days
<b>Property 3</b>	Min Temp (°C)	9.9	9.2	7.1	12.3	12.1	10.2	8.6	10.2	11.6	12.5	12.9	13.8				7.5	9.6	9.6	5.9	4.4	4.5	5.5	9.0	8.6	3.5	1.4	4.0
	Max Temp (°C)	26.3	24.7	26.1	28.3	27.4	23.0	26.5	26.1	28.1	29.2	25.5	25.9	22.4	20.7	17.8	20.7	18.3	19.2	19.2	18.8	16.3	17.2	16.5	16.3	13.2	14.1	13.4
	Rainfall (mm)	72.3	56.9	8.5	0.0	0.0	0.0	6.8	6.8	0.0	12.8	12.8	0.0	24.2	0.6	0.6	7.3	6.8	0.0	42.6	29.6	29.6	30.0	17.0	9.0	34.0	5.8	5.8
	Light (MJ m <sup>-2</sup> )	20.8	20.3	20.4	26.5	24.5	20.0	17.0	17.7	22.7	16.5	12.2	16.8	14.0	11.3	10.2	12.4	10.2	10.6	9.4	10.0	7.6	8.7	8.1	8.0	7.1	7.0	6.2
<b>Property 2</b>	Min Temp (°C)	11.1	10.5	8.6	12.8	12.2	10.9	10.3	12.0	16.2	13.5	13.6	14.7	13.5	13.8	12.8	8.5	10.2	9.3	6.4	4.8	5.4	7.1	10.0	10.0	3.5	2.1	3.2
	Max Temp (°C)	26.2	24.2	25.3	27.3	26.2	22.2	25.4	24.7	27.5	28.7	25.2	25.2	21.8	19.8	17.1	20.3	18.1	18.9	18.2	17.7	16.2	16.7	16.2	16.2	12.8	13.6	12.7
	Rainfall (mm)	58.6	39.4	38.0	1.6	1.6	1.6	10.0	8.0	0.0	8.3	8.3	0.0	18.6	1.2	0.4	15.2	13.8	1.4	51.8	32.4	29.2	32.2	15.8	12.0	32.0	15.4	15.4
	Light (MJ m <sup>-2</sup> )	21.1	18.7	19.2	26.9	25.1	21.8	17.2	17.9	22.5	17.7	14.2	18.6	13.7	11.2	9.2	12.2	8.8	9.4	9.6	9.2	6.8	8.7	8.1	7.2	7.1	7.6	6.2
<b>Property 1</b>	Min Temp (°C)	11.1	10.5	8.6	12.8	12.2	10.9	10.3	12.0	16.2	13.5	13.6	14.7	13.5	13.8	12.8	8.5	10.2	9.3	6.4	4.8	5.4	7.1	10.0	10.0	3.5	2.1	3.2
	Max Temp (°C)	26.2	24.2	25.3	27.3	26.2	22.2	25.4	24.7	27.5	28.7	25.2	25.2	21.8	19.8	17.1	20.3	18.1	18.9	18.2	17.7	16.2	16.7	16.2	16.2	12.8	13.6	12.7
	Rainfall (mm)	48.0	32.4	13.4	1.4	1.4	1.4	0.0	0.0	0.0	7.0	7.0	0.0	37.4	1.4	0.0	16.4	13.0	1.4	59.4	31.2	10.4	27.0	21.1	5.5	32.8	0.0	12.3
	Light (MJ m <sup>-2</sup> )	20.9	18.7	19.6	26.9	24.8	20.9	17.0	18.1	22.7	18.1	14.7	18.7	14.0	11.6	9.8	12.6	10.1	11.0	9.6	9.8	7.9	8.9	8.2	7.7	7.2	7.5	6.1
<b>Property 4</b>	Min Temp (°C)																					7.1	10.0	10.0				
	Max Temp (°C)																					16.7	16.2	16.2				
	Rainfall (mm)																					36.4	23.4	19.0				
	Light (MJ m <sup>-2</sup> )																					8.7	8.1	7.6				