Acute photosensitisation and mortality in a herd of dairy cattle in Tasmania

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Supplementary Table 1. Concentrations of mycotoxins and other metabolites detected in a freeze-dried sample of barley grass from a dairy herd in Tasmania, Australia where cows were observed with sudden-onset photosensitisation.

Analyte	Amount (µg/kg)
Alternaria toxins	
Alternariol	32.47
Alternariolmethylether	17.05
Infectopyron	515.63
Macrosporin	62.28
Tentoxin	61.72
Tenuazonic acid	1610.63
Aspergillus toxins	
3-Nitropropionic acid	180.06
Asperglaucide	583.13
Kojic acid	132.88
Tryptophol	912.19
Cytochalasins	
Cytochalasin J	163.19
Depsipeptides	
Beauvericin	91.88
Enniatin A	1.62
Enniatin A1	15.86
Enniatin B	61.28
Enniatin B1	45
Enniatin B2	2.63
Ergot alkaloids	
Ergocornine	6.12
Ergocorninine	2.13
Ergocristine	32.75
Ergocristinine	9
Ergocryptine	9.9
Ergometrin	71.91
Ergometrinin	2.38
Ergosinin	1.88
Exotic metabolites	
cyclo(L-Pro-L-Tyr)	663.13
Fumonisin	
Fumonisin B1	5431.25
Fumonisin B2	1463.75

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Fumonisin B3	726.88
Fumonisin B4	458.72**
Fusarium metabolites	
15-Hydroxyculmorin	2777.5
15-Hydroxyculmoron	760.31
Apicidin	13.7
Aurofusarin	3825
Bikaverin	1620.63
Butenolid,	210.53
Culmorin	1079.69
Epiequisetin	63.19
Equisetin	182.75
Fusaproliferin	1857.81
Fusapyron	27.53
Fusaric acid	504.38
Fusarin C	191.31
Fusarinolic acid	3461.33**
Moniliformin	449.69
Monocerin	3.14
Siccanol	detected *
Penicillium toxins	
Brevianamid F	105.78
Emodin	46.09
Questiomyacin A	49.66
Quinocitrinine A	60.13
Rugulusovin	30.21
Plant metabolites	
Lotaustralin	121.47
Trichothecenes	
Deoxynivalenol	3859.38
DON-3-glucoside	75.56
T-2 toxin	8.67
Zearalenone-derivatives	
alpha-Zearalenol	15.67
beta-Zearalenol	27.28
Zearalenone	1215.63
Zearalenone-sulfate	116.38

* No standard for quantification available

** Semi-quantified using response factor of a structurally related analyte