

Supplementary information

Table S1: Protein content and related quality measures of quality of barley received by Tasmanian (Australia) Agricultural Producers (TAP) from growers between 2016- 2020.¹ The data is presented at the mean \pm standard deviation.

Growing Season	Number	Grain Protein (%)	Test weight (g)	Screenings (% under 2.2 mm)	Moisture (%)
Season 2016/2017					
January 2017	n = 280	10.5 \pm 5.0	68.1 \pm 2.1	2.6 \pm 1.6	11.3 \pm 0.6
February 2017	n = 37	10.5 \pm 1.1	66.9 \pm 2.3	3.5 \pm 4.0	11.8 \pm 0.5
Mar 2017	n = 15	12.2 \pm 1.4	67.8 \pm 1.3	2.2 \pm 0.7	12.0 \pm 0.7
April 2017	n = 9	11.4 \pm 1.2	66.2 \pm 0.8	2.1 \pm 0.3	13.3 \pm 0.4
Season 2017/2018					
December 2017	n = 26	13.4 \pm 1.4	65.5 \pm 2.6	6.7 \pm 3.0	11.7 \pm 0.8
January 2018	n = 100	12.9 \pm 5.4	66.5 \pm 2.9	4.6 \pm 3.2	10.9 \pm 0.7
February 2018	n = 15	12.2 \pm 2.4	63.7 \pm 2.8	4.0 \pm 2.5	11.6 \pm 0.9
March 2018	n = 5	13.2 \pm 0.5	62.6 \pm 1.6	5.3 \pm 0.3	12.0 \pm 0.6
Season 2018/2019					
December 2018	n = 27	10.9 \pm 0.9	66.7 \pm 1.5	3.5 \pm 2.0	11.2 \pm 0.6
January 2019	n = 300	10.9 \pm 1.4	67.5 \pm 2.0	3.2 \pm 2.3	10.8 \pm 0.6
February 2019	n = 63	11.9 \pm 1.9	66.5 \pm 2.4	4.2 \pm 1.5	11.5 \pm 0.7
March 2019	n = 10	12.0 \pm 1.3	65.7 \pm 2.2	3.9 \pm 1.6	12.0 \pm 0.4
Season 2019/2020					
December 2019	n = 40	10.8 \pm 1.3	67.7 \pm 2.6	7.1 \pm 2.7	10.9 \pm 0.7
January 2020	n = 58	11.7 \pm 1.7	67.0 \pm 3.3	7.7 \pm 4.4	11.3 \pm 0.7
February 2020	n = 65	11.3 \pm 1.9	64.1 \pm 2.5	9.3 \pm 9.3	11.8 \pm 0.7

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