

Table S1. Average molecular sizes of the soluble starch polymers in wort after mashing ¹.

	Average molecular sizes of soluble starches	
	R_h : 10- 0.5 nm	R_h : 10- 100 nm
Malt 1	$(1.3 \pm 0.1)^{ab}$	$(16.3 \pm 1.4)^{ab}$
Malt 1 + Rice 1	$(1.3 \pm 0.0)^a$	$(17.1 \pm 0.3)^{ab}$
Malt 1 + Rice 2	$(1.4 \pm 0.0)^{bcd}$	$(16.8 \pm 0.0)^{ab}$
Malt 1 + Rice 3	$(1.3 \pm 0.0)^{ab}$	$(15.7 \pm 0.7)^a$
Malt 2	$(1.4 \pm 0.0)^{bcd}$	$(17.2 \pm 1.0)^{ab}$
Malt 2 + Rice 1	$(1.3 \pm 0.0)^{ab}$	$(16.8 \pm 0.5)^{ab}$
Malt 2 + Rice 2	$(1.3 \pm 0.0)^{abc}$	$(16.7 \pm 0.8)^{ab}$
Malt 2 + Rice 3	$(1.4 \pm 0.0)^{bc}$	$(18.4 \pm 1.7)^b$
Malt 3	$(1.5 \pm 0.0)^e$	$(15.8 \pm 1.0)^a$
Malt 3 + Rice 1	$(1.4 \pm 0.0)^{bcd}$	$(15.9 \pm 1.1)^a$
Malt 3 + Rice 2	$(1.4 \pm 0.0)^{cd}$	$(16.8 \pm 0.6)^{ab}$
Malt 3 + Rice 3	$(1.4 \pm 0.0)^d$	$(17.0 \pm 1.1)^{ab}$

¹, Data was based on duplicate measurements. Values with different letters on the same column is significantly different at $p < 0.05$.