

**Supplemental Table****Table S1.** Means for comparison of yield and yield components of pearl millet between ridge and furrow plots.

(a) 2017

	Grain Yield (ton ha <sup>-1</sup> )	Total dry weight (ton ha <sup>-1</sup> )	Harvest index	Panicle density (m <sup>-2</sup> )	Grain density (10 <sup>2</sup> )	1000-grain weight (g)
Furrow						
None	0.08	0.40	0.19	1.4	4.2	13.6
Manure	0.21	0.58	0.37	2.7	5.0	16.2
Mineral	0.24	1.12	0.22	3.0	5.4	15.0
Ridge						
None	0.39	1.51	0.26	3.6	7.0	15.7
Manure	0.60	1.70	0.23	3.8	6.5	16.1
Mineral	1.08	2.87	0.29	5.8	8.3	18.0

(b) 2018

	Grain Yield (ton ha <sup>-1</sup> )	Total dry weight (ton ha <sup>-1</sup> )	Harvest index	Panicle density (m <sup>-2</sup> )	Grain density (10 <sup>2</sup> )	1000-grain weight (g)
Furrow						
None	0.59	1.31	0.45	6.0	5.7	17.0
Manure	1.93	3.85	0.57	6.3	20.0	17.4
Mineral	1.38	2.79	0.49	6.3	13.8	16.2
Ridge						
None	1.45	3.25	0.46	4.0	25.3	15.5
Manure	2.17	4.20	0.46	6.9	16.5	15.9
Mineral	1.87	4.54	0.41	6.9	17.1	17.8