

## Supplementary Material

### **Increasing yield, quality and profitability of winter oilseed rape (*Brassica napus*) under combinations of nutrient levels in fertiliser and planting density**

*Chang Tian, Xuan Zhou, Qiang Liu, Jianwei Peng, Zhenhua Zhang, Haixing Song, Zheli Ding, Mostafa A. Zhran, Mamdouh A. Eissa, Ahmed M. S. Kheir, Ahmed E. Fahmy and Salah F. Abou-Elwafa*

Table S1. Basic physical and chemical properties of experimental soil.

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Analysis of the physical and chemical properties of the soil was performed according to Bao 2005.

Parameters	2015	2016
pH (H <sub>2</sub> O)	6.10	6.21
Organic matter (g kg <sup>-1</sup> )	31.7	26.1
Total N (g kg <sup>-1</sup> )	0.85	1.30
Total P (g kg <sup>-1</sup> )	0.86	0.60
Total K (g kg <sup>-1</sup> )	14.4	6.4
Total S (g kg <sup>-1</sup> )	0.49	0.42
Available N (mg kg <sup>-1</sup> )	111	147
Available P (mg kg <sup>-1</sup> )	5.9	26.1
Available K (mg kg <sup>-1</sup> )	52.3	103.2
Available S (mg kg <sup>-1</sup> )	43.2	39.7
Available B (mg kg <sup>-1</sup> )	0.26	0.36

**Reference**

Bao SD (2005) 'Soil and agricultural chemistry analysis.' (Agriculture Press: Beijing)