

Table S1. Summary of the main cultivation practices carried out at the investigated sites during the growth season 2016–2017.

Site	Soil Management	Cultivation	Preparatory Soil Tillage	Sowing	Other Practices
Gravina	CT	Wheat	Subsoiler at 30 cm depth, carried out in September; cultivator at 15 cm depth carried out in November	November (3rd week)	Nitrogen fertilization treatments (February 28 and March 30); weed control and fungicide (March 18 and April 30)
Garvina	NT	Wheat	No preparatory soil tillage	Sod-seeding, December (1st week)	Nitrogen fertilization treatments (February 20 and March 25); weed control (March 27)
Candela	CT	Wheat	Plough at 30 cm depth carried out in October; disk harrow at 15 cm depth and field cultivator at 15 cm depth carried out few days before sowing	November (3rd week)	Nitrogen fertilization treatments (March 3 and April 15); weed control (April 2)
Candela	NT	Barley	Total weed control, carried out in October	Sod-seeding, December (1st week)	Nitrogen fertilization treatments (March 3); weed control (April 2)