

Supplementary material: A two-year field experiment for the management of bread and durum wheat fungal diseases and of deoxynivalenol accumulation in grain in Central Italy

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Supplementary Table S1. Detailed information on agronomic practices and fungicide treatments carried out in the field trials in 2018/2019 and 2019/2020.

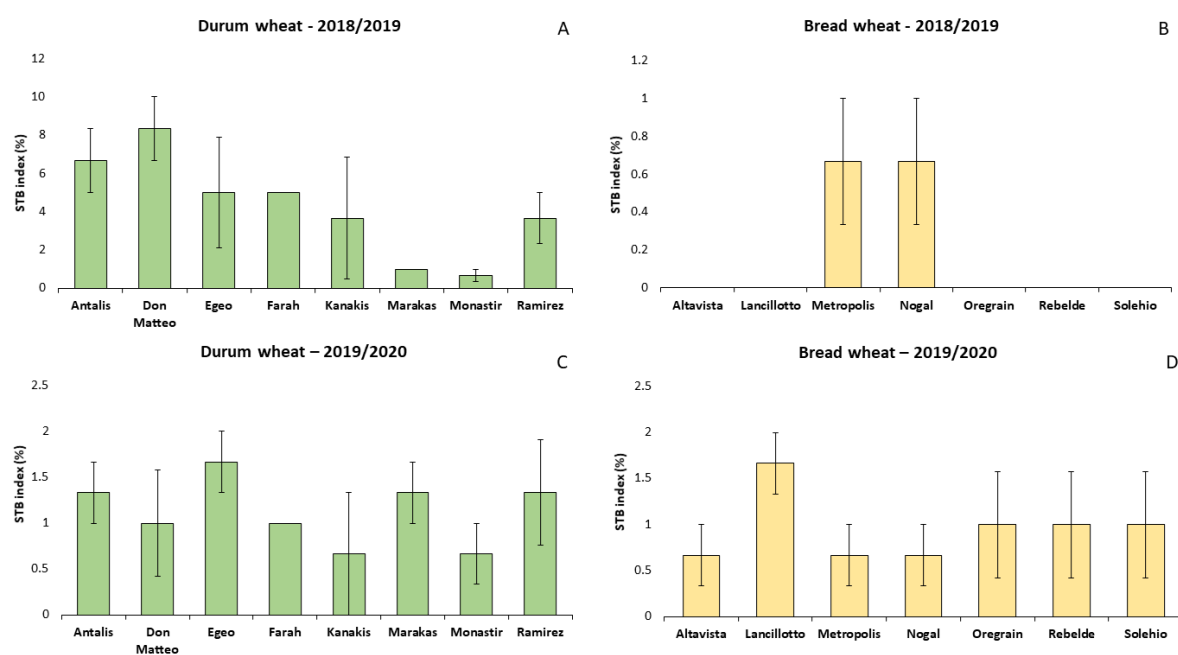
2018/2019		
Agronomic practices	Description	Date
Background fertilisation	75 U/ha P ₂ O ₅	07/08/2018
Tillage		08/08/2018
Harrowing		12/10/2018
Seed treatment	Kinto (prochloraz 60 g/L, triticonazole 20 g/L)	-
Sowing	Durum wheat 450 seeds/m ² , bread wheat 480 seeds/m ²	16/11/2018
Nitrogen fertilisation (1 st application)	100 U/ha N	11/01/2019
Nitrogen fertilisation (2 nd application)	80 U/ha N	18/03/2019
Chemical weeding	Manta Gold 3L/ha (fluroxypyr 60 g/L, clopyralid 23.3 g/L, 266 g/L MCPA pure from ester)	30/03/2019
Insecticide treatment	DecisEVO 0,5 l/ha (deltametrin 25 g/L)	15/05/2019
Fungicide treatments	Varieties	Date
BBCH 39 application	All varieties	30/04/2019
	Egeo and Nogal	10/05/2019
BBCH 65 application	Lancillotto, Kanakis, Marakas, Metropolis, Monastir	15/05/2019
	Antalis, Don Matteo, Farah, Oregrain, Solehio, Rebelde, Altavista, Ramirez	17/05/2019
2019/2020		
Agronomic practices	Description	Date
Background fertilisation	75 U/ha P ₂ O ₅	01/10/2019
Tillage		13/08/2019
Harrowing		26/11/2019
Seed treatment	Kinto (prochloraz 60 g/L, triticonazole 20 g/L)	-
Sowing	Durum wheat 460 seeds/m ² , bread wheat 500 seeds/m ²	27/11/2019
Nitrogen fertilization (1 st application)	80 U/ha N	30/01/2020
Nitrogen fertilization (2 nd application)	90 U/ha N	24/03/2020
Chemical weeding	Ariane II 4L/ha (fluroxypyr 57,6/L clopyralid 26.4 g/L, MCPA potassium pure salt 238 g/L);	11/03/2020
Insecticide treatment	DecisEVO 0,5 l/ha (deltametrin 25 g/L)	27/04/2020
Fungicide treatments	Varieties	Date
BBCH 39 application	All varieties	24/04/2020
	Nogal	04/05/2020
	Egeo, Kanakis, Ramirez	05/05/2020
BBCH 65 application	Lancillotto, Oregrain, Marakas, Metropolis, Monastir	06/05/2020
	Altavista, Rebelde, Solehio	14/05/2020
	Antalis, Farah, Don Matteo	19/05/2020

Supplementary Table S2. Effect of fungicide treatments on *Septoria tritici* blotch symptoms, during the two experimental years.

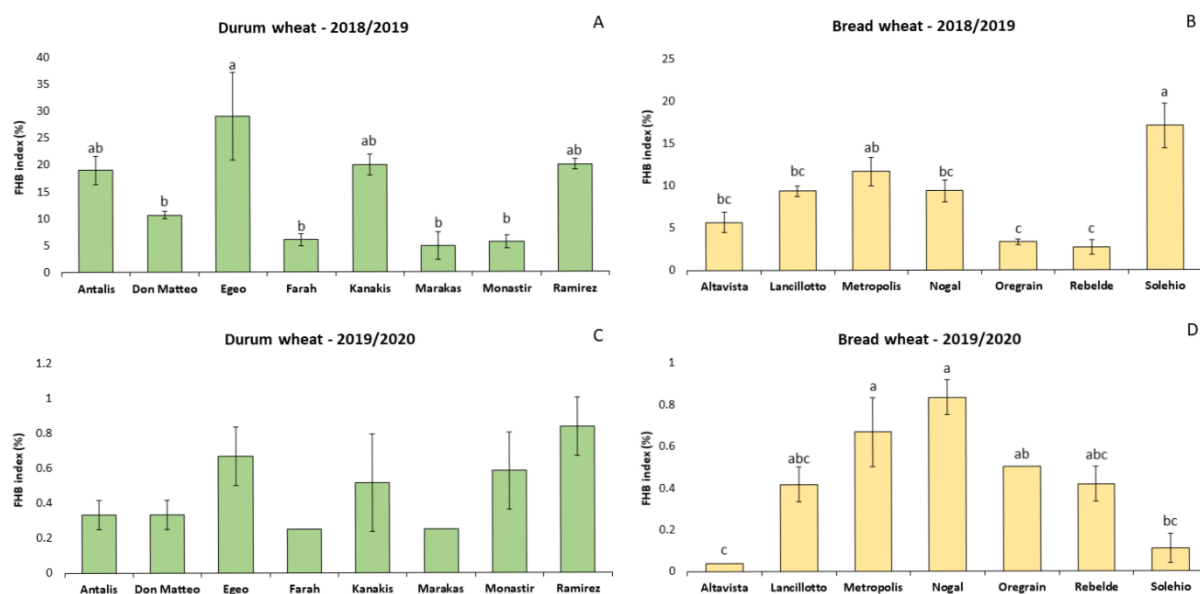
during the two experimental years.												
Septoria tritici blotch index (%) 2018/2019												
Varieties	utc ¹			Fung. A ¹			Fung. B ¹			Fung. C ¹		
	% ²	St_er ³		%	St_er		%	St_er		%	St_er	
Oregrain	0.00	± 0.00		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Lancillotto	0.33	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Marakas	2.33	± 1.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Egeo	10.00	± 2.89	a	0.33	± 0.33	ab	0.00	± 0.00	b	3.67	± 3.18	ab
Ramirez	5.00	± 0.00	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Kanakis	5.00	± 2.89		0.33	± 0.33		0.33	± 0.33		0.00	± 0.00	
Altavista	0.00	± 0.00		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Nogal	0.33	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Monastir	1.00	± 0.00	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Farah	3.67	± 1.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Don Matteo	8.33	± 1.67	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Antalis	8.33	± 1.67	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Metropolis	1.00	± 0.00	a	0.00	± 0.00	b	0.67	± 0.33	b	0.00	± 0.00	b
Solehio	0.00	± 0.00		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Rebelde	2.33	± 1.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Total ⁴	3.18	± 0.58	a	0.09	± 0.04	b	0.02	± 0.02	b	0.24	± 0.22	b
DW ⁴	5.46	± 0.81	a	0.17	± 0.08	b	0.04	± 0.04	b	0.46	± 0.42	b
BW ⁴	0.57	± 0.24	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b

Septoria tritici blotch index (%) 2019/2020												
Varieties	utc			Fung. A			Fung. B			Fung. C		
	%	St_er		%	St_er		%	St_er		%	St_er	
Oregrain	0.67	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Lancillotto	1.33	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Marakas	1.00	± 0.00	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Egeo	1.33	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Ramirez	1.33	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Kanakis	1.00	± 0.58		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Altavista	0.67	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Nogal	0.33	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Monastir	1.00	± 0.00	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Farah	0.67	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Don Matteo	1.33	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Antalis	1.67	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Metropolis	1.00	± 0.00	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Solehio	0.67	± 0.33		0.00	± 0.00		0.00	± 0.00		0.00	± 0.00	
Rebelde	1.33	± 0.33	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
Total	1.02	± 0.09	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b
DW	1.16	± 0.13	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.13	b
BW	0.86	± 0.13	a	0.00	± 0.00	b	0.00	± 0.00	b	0.00	± 0.00	b

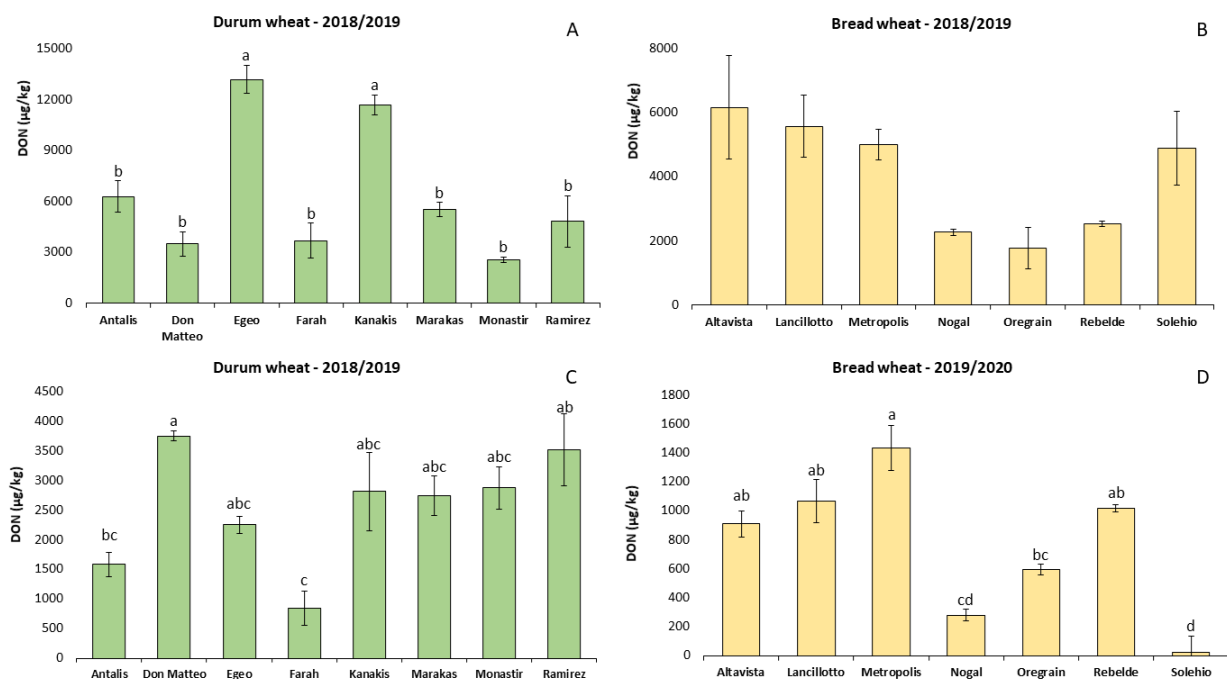
¹untreated control (utc); fungicide combination A (Fung. A); fungicide combination B (Fung. B); fungicide combination C (Fung. C). ²Average value. ³Standard Error. ⁴Average of all wheat varieties (Total) or durum (DW) and bread (BW) wheat varieties as two separate groups. Averages with different letters are significantly different at P ≤ 0.05 based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.



Supplementary Figure S1. Average level of *Septoria tritici* blotch (STB) index (%) indicating STB symptoms observed in the field only for durum and bread wheat untreated controls in 2018/2019 (A, B) and 2019/2020 (B, C). Columns represent average data (\pm standard error) for each variety. No significant differences among varieties were recorded.



Supplementary Figure S2. Average level of *Fusarium* head blight (FHB) index (%) indicating FHB symptoms observed in the field only for durum wheat and bread wheat untreated-inoculated controls in 2018/2019 (A, B) and 2019/2020 (B, C). Columns represent average data (\pm standard error) for each variety. Averages with different letters are significantly different at $P \leq 0.05$ based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.



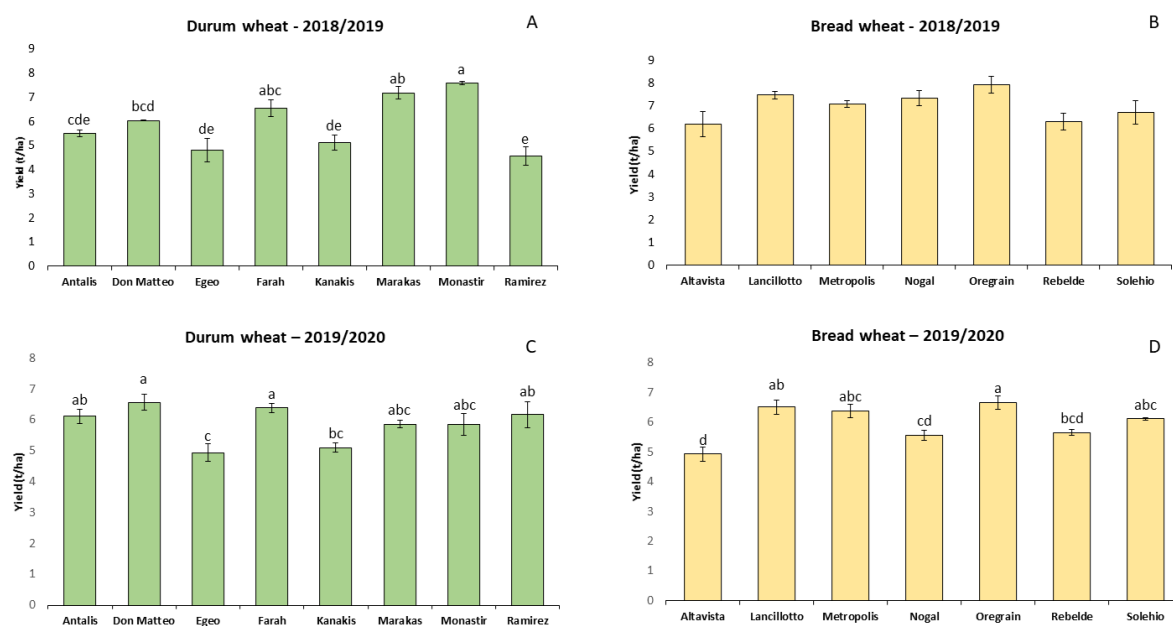
Supplementary Figure S3. Average level of deoxynivalenol (DON, µg/kg) grain contamination of durum and bread wheat untreated-inoculated controls in 2018/2019 (A, B) and 2019/2020 (B, C). Columns represent average data (\pm standard error) for each variety. Averages with different letters are significantly different at $P \leq 0.05$ based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.

Supplementary Table S3. Effect of fungicide treatments on the yield (t/ha) of bread and durum wheat varieties in the two experimental years.

Yield (t/ha) - 2018/2019																
Varieties	utc ¹				utc+inoc ¹			Fung. A ¹			Fung. B ¹			Fung. C ¹		
	t/ha ²	St	er ³		t/ha	St	er	t/ha	St	er	t/ha	St	er	t/ha	St	er
Oregrain	9.28	±	0.21	b	7.93	±	0.37	c	10.07	±	0.07	ab	10.30	±	0.23	a
Lancillotto	9.01	±	0.05	a	7.48	±	0.17	b	9.47	±	0.27	a	9.15	±	0.29	a
Marakas	7.74	±	0.18	bc	7.19	±	0.13	c	8.70	±	0.11	ab	8.26	±	0.26	ab
Egeo	7.28	±	0.03	a	4.81	±	0.47	b	7.69	±	0.34	a	7.96	±	0.18	a
Ramirez	6.99	±	0.18	a	4.56	±	0.38	a	7.84	±	0.07	ab	6.64	±	1.06	ab
Kanakis	6.93	±	0.47	ab	5.12	±	0.32	b	7.41	±	0.22	a	6.74	±	0.35	ab
Altavista	7.28	±	0.29		6.22	±	0.55		8.01	±	0.71		8.55	±	0.29	
Nogal	7.84	±	0.64	ab	7.35	±	0.32	b	8.38	±	0.25	ab	8.72	±	0.38	ab
Monastir	8.08	±	0.21		7.59	±	0.08		9.01	±	0.22		8.57	±	0.16	
Farah	7.05	±	0.11		6.57	±	0.35		8.02	±	0.54		7.53	±	0.11	
Don Matteo	6.66	±	0.42	ab	6.05	±	0.01	b	7.62	±	0.22	a	7.53	±	0.17	a
Antalis	8.24	±	0.69	a	5.51	±	0.14	b	7.74	±	0.15	a	8.28	±	0.19	a
Metropolis	8.46	±	0.12	b	7.08	±	0.15	c	9.20	±	0.18	ab	8.70	±	0.26	ab
Solehio	7.63	±	0.72		6.73	±	0.52		8.93	±	0.59		9.39	±	0.38	
Rebelde	7.41	±	0.32		6.31	±	0.36		7.80	±	0.35		7.42	±	0.68	
Total ⁴	7.73	±	0.14	b	6.44	±	0.17	c	8.39	±	0.14	a	8.25	±	0.17	ab
DW ⁴	7.37	±	0.15	a	5.93	±	0.23	b	8.00	±	0.14	a	7.69	±	0.19	a
BW ⁴	8.13	±	0.21	b	7.02	±	0.18	c	8.84	±	0.21	a	8.89	±	0.22	ab

Yield (t/ha) - 2019/2020											
Varieties	utc		utc+inoc		Fung. A		Fung. B		Fung. C		
	t/ha	St_er	t/ha	St_er	t/ha	St_er	t/ha	St_er	t/ha	St_er	
Oregrain	6.85	± 0.17	6.67	± 0.21	6.74	± 0.35	6.84	± 0.18	6.87	± 0.16	
Lancillotto	6.55	± 0.31	6.52	± 0.24	6.79	± 0.08	6.63	± 0.09	6.77	± 0.45	
Marakas	5.86	± 0.13	5.87	± 0.13	6.10	± 0.31	5.84	± 0.16	6.19	± 0.08	
Egeo	5.12	± 0.09	4.95	± 0.28	5.17	± 0.15	5.35	± 0.16	5.68	± 0.56	
Ramirez	6.34	± 0.12	6.18	± 0.25	6.20	± 0.20	6.27	± 0.21	6.29	± 0.08	
Kanakis	5.24	± 0.29	5.11	± 0.16	5.21	± 0.31	4.89	± 0.42	5.18	± 0.70	
Altavista	4.97	± 0.25	4.94	± 0.23	5.10	± 0.20	5.40	± 0.44	5.11	± 0.25	
Nogal	5.78	± 0.38	5.57	± 0.18	5.71	± 0.10	5.67	± 0.16	5.96	± 0.21	
Monastir	6.04	± 0.29	5.86	± 0.34	6.33	± 0.26	6.09	± 0.05	5.98	± 0.23	
Farah	6.39	± 0.10	6.39	± 0.16	6.65	± 0.13	6.42	± 0.19	6.38	± 0.18	
Don Matteo	6.48	± 0.24	6.58	± 0.25	6.69	± 0.34	6.77	± 0.20	6.82	± 0.05	
Antalis	5.98	± 0.15	6.12	± 0.24	6.13	± 0.22	6.41	± 0.24	6.28	± 0.16	
Metropolis	6.31	± 0.29	6.39	± 0.22	6.40	± 0.36	6.54	± 0.10	6.59	± 0.10	
Solehio	6.51	± 0.16	6.13	± 0.04	6.88	± 0.10	6.76	± 0.02	6.70	± 0.34	
Rebelde	5.80	± 0.18	5.66	± 0.10	5.87	± 0.09	5.72	± 0.22	5.61	± 0.16	
Total	6.01	± 0.09	5.93	± 0.10	6.13	± 0.10	6.11	± 0.10	6.16	± 0.11	b
DW	5.93	± 0.11	5.88	± 0.13	6.06	± 0.14	6.00	± 0.14	6.10	± 0.14	
BW	6.11	± 0.16	5.98	± 0.14	6.21	± 0.16	6.22	± 0.14	6.23	± 0.16	

¹untreated control (utc); untreated-inoculated control (utc+inoc); fungicide combination A (Fung. A); fungicide combination B (Fung. B); fungicide combination C (Fung. C). ²Average value. ³Standard Error. ⁴Average of all wheat varieties (Total) or durum (DW) and bread (BW) wheat varieties as two separate groups. Averages with different letters are significantly different at P ≤ 0.05 based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.



Supplementary Figure S4. Average yield (t/ha) of durum wheat and bread wheat untreated-inoculated controls in 2018/2019 (A, B) and 2019/2020 (B, C). Columns represent average data (\pm standard error) for each variety. Averages with different letters are significantly different at $P \leq 0.05$ based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.

Supplementary Table S4. Effect of fungicide treatments on the test weight (kg/hL) of bread and durum wheat varieties in the two experimental years.

Test weight (kg/hL) – 2018/2019												
Varieties	utc ¹			utc+inoc ¹		Fung. A ¹		Fung. B ¹		Fung. C ¹		
	kg/hL ²	St_er ³		kg/hL	St_er	kg/hL	St_er	kg/hL	St_er	kg/hL	St_er	
Oregrain	78.00	± 0.29	b	74.77	± 0.78	a	78.67	± 0.27	b	78.73	± 0.32	b
Lancillotto	81.37	± 0.03	b	77.43	± 0.48	a	81.10	± 0.56	b	81.43	± 0.22	b
Marakas	82.77	± 0.30	b	79.40	± 0.07	a	83.60	± 0.21	b	82.73	± 0.82	b
Egeo	83.60	± 0.26	b	77.43	± 0.83	a	84.40	± 0.44	b	84.27	± 0.15	b
Ramirez	81.77	± 0.43	b	75.37	± 1.27	a	84.70	± 0.15	b	81.40	± 2.96	b
Kanakis	83.60	± 0.23	b	76.90	± 1.18	a	83.20	± 0.64	b	83.47	± 0.74	b
Altavista	82.60	± 0.40	b	77.47	± 1.50	a	83.70	± 0.10	b	83.63	± 0.09	b
Nogal	79.87	± 0.15	b	77.50	± 0.55	a	80.53	± 0.27	b	80.60	± 0.10	b
Monastir	79.90	± 0.21		77.90	± 0.51		80.83	± 0.37		80.73	± 0.09	
Farah	85.17	± 0.13	b	82.97	± 0.28	a	85.20	± 0.49	b	85.70	± 0.15	b
D.Matteo	83.47	± 0.71	b	80.85	± 0.49	a	85.23	± 0.17	b	85.10	± 0.30	b
Antalis	83.87	± 0.52	b	78.40	± 0.61	a	84.47	± 0.44	b	85.27	± 0.24	b
Metropolis	83.10	± 0.06	b	78.27	± 0.62	a	83.63	± 0.15	b	83.23	± 0.23	b
Solehio	78.47	± 0.09	b	74.33	± 1.13	a	79.20	± 0.21	b	79.97	± 0.27	b
Rebelde	82.90	± 0.21	b	78.97	± 1.44	a	83.27	± 0.28	b	83.40	± 0.29	b
Total ⁴	82.03	± 0.31	a	77.86	± 0.38	b	82.78	± 0.32	a	82.64	± 0.35	ab
DW ⁴	83.02	± 0.33	a	78.65	± 0.52	b	83.95	± 0.31	a	83.58	± 0.48	a
BW ⁴	80.90	± 0.45	a	76.96	± 0.48	b	81.44	± 0.45	a	81.57	± 0.40	a

Test weight (kg/hL) – 2019/2020												
Varieties	utc		utc+inoc		Fung. A		Fung. B		Fung. C			
	kg/hL	St_er	kg/hL	St_er	kg/hL	St_er	kg/hL	St_er	kg/hL	St_er		
Oregrain	80.97	± 0.23		79.57	± 0.68		81.23	± 0.15		81.20	± 0.25	
Lancillotto	80.47	± 0.09	b	80.33	± 0.19	b	80.70	± 0.12	ab	81.40	± 0.15	a
Marakas	82.30	± 0.71		81.87	± 0.70		82.57	± 0.18		82.20	± 0.49	
Egeo	80.77	± 1.63		79.77	± 1.93		80.47	± 1.99		82.57	± 0.84	
Ramirez	85.40	± 1.85		82.40	± 0.35		83.87	± 0.15		84.43	± 0.12	
Kanakis	80.97	± 0.23		79.57	± 0.68		81.23	± 0.15		81.20	± 0.25	
Altavista	83.13	± 0.23	ab	82.77	± 0.09	b	83.27	± 0.13	ab	83.77	± 0.03	a
Nogal	79.93	± 0.28		79.87	± 0.33		80.57	± 0.24		79.57	± 1.29	
Monastir	81.40	± 0.25		80.97	± 0.29		81.60	± 0.15		81.93	± 0.20	
Farah	83.87	± 0.07		83.77	± 0.12		84.37	± 0.07		84.20	± 0.15	
D.Matteo	83.17	± 0.29		82.90	± 0.10		83.53	± 0.12		83.50	± 0.10	
Antalis	83.17	± 0.29		82.90	± 0.10		83.53	± 0.12		83.50	± 0.10	
Metropolis	83.07	± 0.68		81.77	± 0.93		83.40	± 0.55		82.77	± 0.88	
Solehio	80.43	± 0.32		80.07	± 0.13		80.50	± 0.20		79.93	± 0.23	
Rebelde	82.53	± 0.45		82.90	± 0.26		83.30	± 0.12		82.87	± 0.94	
Total	82.10	± 0.27		81.43	± 0.26		82.28	± 0.24		82.34	± 0.25	
DW	82.63	± 0.41		81.77	± 0.37		82.65	± 0.35		82.94	± 0.25	
BW	81.50	± 0.31		81.04	± 0.33		81.85	± 0.30		81.64	± 0.39	

¹untreated control (utc); untreated-inoculated control (utc+inoc); fungicide combination A (Fung. A); fungicide combination B (Fung. B); fungicide combination C (Fung. C). ²Average value. ³Standard Error. ⁴Average of all wheat varieties (Total) or durum (DW) and bread (BW) wheat varieties as two separate groups. Averages with different letters are significantly different at P ≤ 0.05 based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.

Supplementary Table S5. Effect of fungicide treatments on the protein content (%) of bread and durum wheat varieties in the two experimental years.

Protein (%) - 2018/2019															
Varieties	utc ¹				utc+inoc ¹				Fung. A ¹		Fung. B ¹		Fung. C ¹		
	% ²	St_er ³			%	St_er			%	St_er			%	St_er	
Oregrain	11.97	± 0.12	ab		12.30	± 0.10	a		11.83	± 0.12	b		11.90	± 0.15	b
Lancillotto	13.33	± 0.07	ab		13.43	± 0.12	a		13.10	± 0.10	ab		13.30	± 0.06	ab
Marakas	13.90	± 0.15	a		14.00	± 0.17	a		13.33	± 0.15	ab		13.57	± 0.21	ab
Egeo	13.60	± 0.06	b		15.00	± 0.21	a		13.63	± 0.12	b		13.57	± 0.15	b
Ramirez	13.47	± 0.24	ab		15.30	± 0.21	a		12.93	± 0.22	b		13.90	± 0.80	ab
Kanakis	13.07	± 0.15			14.03	± 0.18			13.03	± 0.23			13.37	± 0.24	
Altavista	12.63	± 0.09			13.00	± 0.12			12.60	± 0.15			12.60	± 0.10	
Nogal	13.63	± 0.15			13.73	± 0.26			13.53	± 0.43			13.67	± 0.23	
Monastir	13.10	± 0.21			13.03	± 0.19			12.63	± 0.38			12.83	± 0.42	
Farah	12.80	± 0.06			13.17	± 0.12			12.70	± 0.21			12.67	± 0.12	
Don Matteo	13.37	± 0.49			14.25	± 0.09			13.63	± 0.07			13.53	± 0.07	
Antalis	13.37	± 0.09	ab		14.20	± 0.21	a		13.10	± 0.25	b		13.17	± 0.03	b
Metropolis	13.13	± 0.12			13.63	± 0.12			13.20	± 0.20			13.17	± 0.23	
Solehio	12.23	± 0.30			12.67	± 0.07			12.37	± 0.07			12.23	± 0.20	
Rebelde	14.23	± 0.22			15.27	± 0.12			14.53	± 0.20			14.97	± 0.32	
Total ⁴	13.19	± 0.10	b		13.80	± 0.13	a		13.44	± 0.13	b		13.28	± 0.15	b
DW ⁴	13.33	± 0.02	b		14.12	± 0.04	a		13.13	± 0.02	b		13.33	± 0.03	b
BW ⁴	13.02	± 0.17			13.43	± 0.20			13.02	± 0.19			13.12	± 0.22	

Protein (%) - 2019/2020												
Varieties	utc		utc+inoc		Fung. A		Fung. B		Fung. C			
	%	St_er	%	St_er	%	St_er	%	St_er	%	St_er		
Oregrain	14.23	± 0.17	14.47	± 0.12	14.13	± 0.09	14.23	± 0.03	14.20	± 0.32		
Lancillotto	11.83	± 0.07	11.73	± 0.09	11.53	± 0.13	11.67	± 0.07	11.50	± 0.10		
Marakas	13.53	± 0.15	13.47	± 0.15	13.33	± 0.03	13.47	± 0.15	13.50	± 0.15		
Egeo	14.90	± 0.21	15.03	± 0.28	14.77	± 0.23	14.73	± 0.15	14.70	± 0.10		
Ramirez	12.73	± 0.07	12.87	± 0.03	12.73	± 0.15	12.50	± 0.15	12.70	± 0.15		
Kanakis	14.23	± 0.17	14.47	± 0.12	14.23	± 0.12	14.23	± 0.03	14.20	± 0.32		
Altavista	13.00	± 0.10	a	13.07	± 0.03	a	13.03	± 0.03	a	11.33	± 0.07	b
Nogal	14.07	± 0.07		14.30	± 0.10		14.03	± 0.23		14.20	± 0.06	
Monastir	13.07	± 0.09		13.30	± 0.15		13.10	± 0.00		12.80	± 0.00	
Farah	13.33	± 0.07		13.27	± 0.03		13.37	± 0.07		13.30	± 0.06	
Don Matteo	13.80	± 0.10		13.63	± 0.13		13.50	± 0.25		13.30	± 0.06	
Antalis	13.80	± 0.10		13.63	± 0.13		13.50	± 0.25		13.30	± 0.06	
Metropolis	13.87	± 0.27		13.87	± 0.22		13.90	± 0.21		13.80	± 0.20	
Solehio	12.13	± 0.15		12.33	± 0.13		12.27	± 0.17		12.10	± 0.10	
Rebelde	14.13	± 0.07		14.20	± 0.15		14.10	± 0.20		14.23	± 0.18	
Total	13.51	± 0.13		13.58	± 0.13		13.44	± 0.13		13.28	± 0.15	
DW	13.68	± 0.14		13.71	± 0.14		13.57	± 0.13		13.45	± 0.14	
BW	13.32	± 0.21		13.42	± 0.22		13.29	± 0.22		13.08	± 0.28	

¹untreated control (utc); untreated-inoculated control (utc+inoc); fungicide combination A (Fung. A); fungicide combination B (Fung. B); fungicide combination C (Fung. C). ²Average value. ³Standard Error. ⁴Average of all wheat varieties (Total) or durum (DW) and bread (BW) wheat varieties as two separate groups. Averages with different letters are significantly different at P ≤ 0.05 based on the Tukey's HSD adjustment for multiple comparison tests. The absence of letters means the absence of significant differences.