Table S2. Mean ranges of Fusarium head blight (FHB) damage and disease incidence in 50 winter rye varieties evaluated during 2023–2025 under artificially-enriched infectious backgrounds (AIBs) created in different years (2023–2025) using various *Fusarium* strains: *F. graminearum* MFg58651 (Fg51), *F. graminearum* 10048 (Fg48), *F. culmorum* 10028 (Fc), *F. sporotrichioides* 10031 (Fs) and under natural infectious background (NIB).

	Year	Mean	Min	Max
FHB damage, score				
Fg51	2023	5.81	3.90	7.30
Fg48	2024	8.43	7.48	8.95
Fc	2024	8.85	7.70	9.00
Fg48	2025	7.19	3.27	8.40
Fs	2025	6.99	5.63	7.91
Overall of AIB	2023-2025	7.46	3.27	9.00
NIB	2023-2025	1.18	1.00	2.00
Disease incidence, %				
Fg51	2023	99.7	95.0	100
Fg48	2024	100	100	100
Fc	2024	100	100	100
Fg48	2025	100	100	100
Fs	2025	100	100	100
Overall of AIB	2023-2025	99,9	95,0	100
NIB	2023-2025	17,6	0	40,0