

Table 6. Yield structure and quality – subsequent winter rye crops

Site		Hollow							
Year		2012				2013			
		ears (m ²)	TSW (g)	grain yield (t ha ⁻¹)	CP %	ears (m ²)	TSW (g)	grain yield (t ha ⁻¹)	CP %
Sp		400	34.1	6.2	9.8	438	31.9	4.9	7.7
ESr		403	33.4	6.0	9.5	438*	34.1*	6.0	8.0*
CCp		351	35.0	6.4	9.2	485	32.2	5.0	7.9
Op		370	33.9	5.9	9.2	476	32.3	6.3	7.7
Or		426	35.3	6.2	9.0	430	35.4	5.3	7.5

Site		Hill							
Year		2012				2013			
		ears (m ²)	TSW (g)	grain yield (t ha ⁻¹)	CP %	ears (m ²)	TSW (g)	grain yield (t ha ⁻¹)	CP %
Sp		294	35.4	5.2	9.7	244	35.0	3.7	9.5
ESr		357	33.4	5.1	9.3	223*	37.3*	2.9	9.6*
CCp		306	34.7	4.8	9.0	269	36.8	4.2	9.6
Op		244	34.9	4.1	8.8	221	36.2	2.5	8.7
Or		278	35.1	4.6	9.2	269	34.7	3.3	8.5

TSW; thousand-seed weight

*Preceding crop summer wheat

Sp: Standard practice (plough); ESr: Early sowing of winter wheat (ring-cutter);

CCp: Winter wheat following catch crop (plough)

Op: Winter wheat following oat (plough) and Or: Winter wheat following oat (ring-cutter)