

Table 1. Description of the accessions used in this study

Accession no	Hybrids	Origin
1	TORKA x S10	Line of own breeding, University of Warmia and Mazury
2	TORKA x S11	Line of own breeding, University of Warmia and Mazury
3	TORKA x S12	Line of own breeding, University of Warmia and Mazury
4	TORKA x S14	Line of own breeding, University of Warmia and Mazury
5	KONTESA x S10	Line of own breeding, University of Warmia and Mazury
6	KONTESA x S11	Line of own breeding, University of Warmia and Mazury
7	KONTESA x S12	Line of own breeding, University of Warmia and Mazury
8	KONTESA x S13	Line of own breeding, University of Warmia and Mazury
9	KONTESA x S14	Line of own breeding, University of Warmia and Mazury
10	ZEBRA x S10	Line of own breeding, University of Warmia and Mazury
11	ZEBRA x S11	Line of own breeding, University of Warmia and Mazury
12	ZEBRA x S12	Line of own breeding, University of Warmia and Mazury
13	ZEBRA x S13	Line of own breeding, University of Warmia and Mazury
14	ZEBRA x S14	Line of own breeding, University of Warmia and Mazury
15	S10 x TORKA	Line of own breeding, University of Warmia and Mazury
16	S11 x TORKA	Line of own breeding, University of Warmia and Mazury
17	S12 x TORKA	Line of own breeding, University of Warmia and Mazury
18	S13 x TORKA	Line of own breeding, University of Warmia and Mazury
19	S14 x TORKA	Line of own breeding, University of Warmia and Mazury
20	S10 x KONTESA	Line of own breeding, University of Warmia and Mazury
21	S11 x KONTESA	Line of own breeding, University of Warmia and Mazury
22	S12 x KONTESA	Line of own breeding, University of Warmia and Mazury
23	S13 x KONTESA	Line of own breeding, University of Warmia and Mazury
24	S14 x KONTESA	Line of own breeding, University of Warmia and Mazury
Parental components		
25	<i>Triticum aestivum</i> cv. Torka	Material obtained from seed company (own reproduction), University of Warmia and Mazury
26	<i>Triticum aestivum</i> cv. Kontesa	Material obtained from seed company (own reproduction), University of Warmia and Mazury
27	<i>Triticum aestivum</i> cv. Zebra	Material obtained from seed company (own reproduction), University of Warmia and Mazury
28	S10	Spelt line of own breeding, University of Warmia and Mazury
29	S11	Spelt line of own breeding, University of Warmia and Mazury
30	S12	Spelt line of own breeding, University of Warmia and Mazury
31	S13	Spelt line of own breeding, University of Warmia and Mazury
32	S14	Spelt line of own breeding, University of Warmia and Mazury