

**Finnish Food Safety Authority Evira
Finland**

UPOV VARIETY DESCRIPTION

1	Reference number of reporting authority	OH 057
2	Reference number of requesting authority	-
3	Breeder's reference	Bor 10681
4	Applicant (name and address)	Boreal Plant Breeding Ltd. Myllytie 10 31600 Jokioinen
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5	Botanical name of taxon	<i>Hordeum vulgare L.</i>
6	Common name of taxon	Barley
7	Variety denomination	Kaarle
8	Date and document number of UPOV Test Guidelines	TG/19/10 1994-11-04
9	Date and document number of CPVO Technical Protocol	CPVO-TP/019/3 21/03/2012
10	Testing authority	Finnish Food Safety Authority Evira
11	Testing station and place	Evira Loimaa Tampereentie 51 32201 Loimaa, Finland
12	Period of testing	2012 - 2013
13	Date and place of issue of document	2.6.2016
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14	Group	
	Ear: number of rows: more than two (13/11)	
	Grain: rachilla hair type: short (22/21)	
	Grain: hairiness of ventral furrow: absent (26/25)	
	Seasonal type: spring (29/28)	

Barley (UPOV TG 19/10 1994-11-04)
(CPVO-TP/19/3 21/03/2012)

OH 052
Bor 10661
Kaarle

15 Characteristics Included in the UPOV Test Guidelines or
CPVO Protocol for Distinctness, Uniformity and Stability Tests

UPOV No	CPVO No	Characteristics	Note 1-9	States of Expression
1	1	Plant : growth habit	4	semi-erect - intermediate
2	2	Lowest leaves : hairiness of leaf sheaths	1	absent
3	-	Flag leaf : anthocyanin coloration of auricles	9	present
4	3	Flag leaf : intensity of anthocyanin coloration of auricles	1	very weak
5	4	Flag leaf : attitude	2	erect - semi-erect
6	5	Flag leaf : glaucosity of sheath	7	strong
7	6	Time of ear emergence	3	early
8	-	Awns : anthocyanin coloration of tips	9	present
9	7	Awns : intensity of anthocyanin coloration of tips	1	very weak
10	8	Ear : glaucosity	4	weak - medium
11	9	Ear : attitude	3	semi-erect
12	10	Plant : length (stem, ear and awns)	6	medium - long
13	11	Ear : number of rows	2	more than two
14	12	Ear : shape	4	tapering - parallel
15	13	Ear : density	4	lax - medium
16	14	Ear : length (excluding awns)	3	short
17	15	Awn : length (compared to ear)	7	long
18	16	Rachis : length of first segment	4	short - medium
19	17	Rachis : curvature of first segment	1	absent or very weak
-	18	Ear : development of sterile spikelets	-	not applicable
20	19	Sterile spikelet : attitude (in mid-third of ear)	-	not applicable
21	20	Median spikelet : length of glume and its awn relative to grain	3	longer
22	21	Grain : rachilla hair type	1	short
23	22	Grain : husk	9	present
24	23	Grain : anthocyanin coloration of nerves of lemma	1	absent or very weak
25	24	Grain : spiculation of inner lateral nerves of dorsal side of lemma	4	weak - medium
26	25	Grain : hairiness of ventral furrow	1	absent
27	26	Grain : disposition of lodicules	1	frontal
28	27	Kernel : color of aleurone layer	1	whitish
29	28	Seasonal type	3	spring type

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16 Similar Varieties and Differences in Relation to Those Varieties

Denomination of similar variety	Characteristics in which the similar variety is different	State of expression of similar variety	State of expression of candidate variety
Vilde	Ear: glaucosity	absent or very weak	weak - medium

17 Additional information
a) Additional Data

b) Remarks

18 Signature

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