

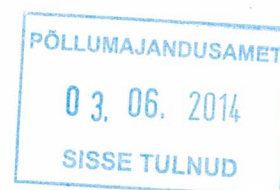
Finnish Food Safety Authority Evira  
Finland

UPOV VARIETY DESCRIPTION

1	Reference number of reporting authority	OH 045
2	Reference number of requesting authority	13/2014
3	Breeder's reference	Bor 09707
4	Applicant (name and address)	Boreal Plant Breeding Ltd. Myllytie 10 31600 Jokioinen Finland
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5	Botanical name of taxon	<i>Hordeum vulgare L.</i>
6	Common name of taxon	Barley
7	Variety denomination	Severi
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/019/2 11/03/2010
10	Testing authority	Finnish Food Safety Authority Evira
11	Testing station and place	Evira Loimaa P.O.Box 111 32201 Loimaa, Finland
12	Period of testing	2011 - 2012
13	Date and place of issue of document	21.5.2014
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14 Group

Ear: number of rows: more than two (13/11)  
Grain: rachilla hair type: long (22/21)  
Grain: hairiness of ventral furrow: absent (26/25)  
Seasonal type: spring (29/28)



17-3/940-1

Barley (UPOV TG 19/10 1994-11-04)  
(CPVO-TP/19/2 6/11/2003)

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

UPOV No	CPVO No	Characteristics	Note	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	3	weak
5	4	Plant : frequency of plants with recurved flag leaves	3	low
6	5	Flag leaf : glaucosity of sheath	7	strong
7	6	Time of ear emergence	4	early - medium
8	-	Awns : anthocyanin coloration of tips	9	present
9	7	Awns : intensity of anthocyanin coloration of tips	3	weak
10	8	Ear : glaucosity	1	absent or very weak
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	5	medium
16	14	Ear : length (excluding awns)	4	short - medium
17	15	Awn : length (compared to ear)	7	long
18	16	Rachis : length of first segment	5	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	2	long
23	22	Grain : husk	9	present
24	23	Grain : anthocyanin coloration of nerves of lemma	3	weak
25	24	Grain : spiculation of inner lateral nerves of dorsal side of lemma	3	weak
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
Ven	Flag leaf: intensity of anthocyanin coloration of auricles	strong	weak
	Ear: glaucosity	weak - medium	absent or very weak

### 17 Additional information

a) Additional Data

b) Remarks

### 18 Signature



Kaarina Paavilainen  
 Senior Officer



Leena Kankaanpää  
 Inspector

