

**Finnish Food Safety Authority Evira  
Finland**

**UPOV VARIETY DESCRIPTION**

<b>1</b>	<b>Reference number of reporting authority</b>	OH 039
<b>2</b>	<b>Reference number of requesting authority</b>	44/2015
<b>3</b>	<b>Breeder's reference</b>	Bor 04509
<b>4</b>	<b>Applicant (name and address)</b>	Boreal Plant Breeding Ltd. Myllytie 10 31600 Jokioinen Finland
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<b>5</b>	<b>Botanical name of taxon</b>	<i>Hordeum vulgare</i> L.
<b>6</b>	<b>Common name of taxon</b>	Barley
<b>7</b>	<b>Variety denomination</b>	Aukusti
<b>8</b>	<b>Date and document number of UPOV Test Guidelines</b>	TG/19/10 1994-11-04
<b>9</b>	<b>Date and document number of CPVO Technical Protocol</b>	CPVO-TP/19/2 6/11/2003
<b>10</b>	<b>Testing authority</b>	Finnish Food Safety Authority Evira
<b>11</b>	<b>Testing station and place</b>	Evira Loimaa P.O.Box 111 32201 Loimaa, Finland
<b>12</b>	<b>Period of testing</b>	2008 - 2009
<b>13</b>	<b>Date and place of issue of document</b>	11.11.2015
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<b>14</b>	<b>Group</b>	
	Ear: number of rows: six (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/19/2 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 1-9	States of Expression
1	1	Plant : growth habit	5	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	4	low - medium
6	5	Flag leaf : glaucosity of sheath	6	medium - strong
7	6	Time of ear emergence	2	very early - early
8	-	Awns : anthocyanin coloration of tips	9	present
9	7	Awns : intensity of anthocyanin coloration of tips	5	medium
10	8	Ear : glaucosity	5	medium
11	9	Ear : attitude	3	semi-erect
12	10	Plant : length (stem, ear and awns)	7	long
13	11	Ear : number of rows	2	more than two
14	12	Ear : shape	5	parallel
15	13	Ear : density	5	medium
16	14	Ear : length (excluding awns)	5	medium
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	3	weak
25	24	Grain : spiculation of inner lateral nerves of dorsal side of lemma	5	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	2	weakly colored
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
Rolfi	Awns: intensity of anthocyanin coloration of tips	strong	medium

17 Additional information  
a) Additional Data

b) Remarks

18 Signature

*Kaarina Paavilainen*

Kaarina Paavilainen  
Senior Officer

*Leena Kankaanpää*

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