

**Finnish Food Safety Authority Evira
Finland**

**UPOV REPORT ON TECHNICAL EXAMINATION
AND
UPOV VARIETY DESCRIPTION**

**Spring barley
Alvari
Bor 10686
(OH 053)**

**Finnish Food Safety Authority Evira
Finland**

UPOV VARIETY DESCRIPTION

1 Reference number of reporting authority	OH 053
2 Reference number of requesting authority	
3 Breeder's reference	Bor 10686
4 Applicant (name and address)	Boreal Kasvinjalostus Oy Myllytie 10 31600 Jokioinen 0
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5 Botanical name of taxon	<i>Hordeum vulgare L.</i>
6 Common name of taxon	Spring barley
7 Variety denomination	Alvari
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/19/3 21/03/2012
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	2012-2014
13 Date and place of issue of document	26.5.2017

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 053

Bor 10686

Alvari

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 1-9
1	1	Plant : growth habit	7	semi prostrate
2	2	Lowest leaves : hairiness of leaf sheaths	1	absent
3	-	Flag leaf : anthocyanin coloration of auricles	1	absent
4	3	Flag leaf : intensity of anthocyanin coloration of auricles	-	not applicable
5	4	Flag leaf : attitude	7	semi-drooping
6	5	Flag leaf : glaucosity of sheath	6	medium - 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	2	very weak - 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	3	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	2	very weak - 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