

**ESTONIAN AGRICULTURAL RESEARCH CENTRE
VILJANDI VARIETY TESTING CENTRE**

CPVO / UPOV VARIETY DESCRIPTION

1. Reference number of reporting authority	10-1/118
2. Reference number of requesting authority (bilateral agreements only)	57/2013
3. Breeder's reference	Br12090u6
4. Applicant (name and address)	Saatzucht Josef Breun GmbH & Co. KG Martin Breun Amselweg 1 91074 Herzogenaurach Germany

5. Botanical name of taxon	<i>Hordeum vulgare</i> L.
6. Common name of taxon	Barley
7. Variety denomination	-
8. Date and document number of CPVO TP / UPOV TG	CPVO TP/019/3 21/03/2012
9. Date and/or document number of national test guidelines	-
10. Testing authority	Estonian Agricultural Research Centre
11. Testing station(s) and place(s)	Viljandi Variety Testing Centre
12. Period of testing	2013-2014
13. Date and place of issue of document	07.11.2014 Viljandi

UPOV No.	National No.	Characteristics	States of Expression	Note	Remarks
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14.Group: (if characteristics of number 15 are using for grouping, they are marked with a G in that number)

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15. Characteristics Included in the CPVO TP/019/3 21/03/2012

CPVO No.	UPOV No.	Characteristics	States of Expression	Note	Remarks
1.	28.	Kernel: colour of aleurone layer	whitish	1	
2.	1.	Plant: growth habit	semi-erect	3	
3.G	2.	Lowest leaves: hairiness of leaf sheaths	absent	1	
4.		Flag leaf: intensity of anthocyanin coloration of auricles	weak to medium	4	
5.	5.	Flag leaf: attitude	semi-erect	3	
6.	6.	Flag leaf: glaucosity of sheath	medium to strong	6	
7.	7.	Time of ear emergence	early	3	
8.		Awns: intensity of anthocyanin coloration of tips	medium to strong	6	
9.	10.	Ear: glaucosity	absent or very weak to weak	2	
10.	11.	Ear: attitude	semi-erect to horizontal	4	
11.	12.	Plant: length	short to medium	4	
12.G	13.	Ear: number of rows	two	1	
13.	14.	Ear: shape	tapering to parallel	4	
14.	15.	Ear: density	lax to medium	4	
15.	16.	Ear: length (excluding awns)	short to medium	4	
16.	17.	Awn: length (compared to ear)	long	7	
17.	18.	Rachis: length of first segment	short to medium	4	
18.	19.	Rachis: curvature of first segment	weak to medium	4	
19.		Ear: development of sterile spikelets	non or rudimentary	1	
20.	20.	Sterile spikelet: attitude	-	-	
21.	21.	Median spikelet: length of glume and its awn relative to grain	equal	2	
22.G	22.	Grain: rachilla hair type	long	2	
23.	23.	Grain: husk	present	9	

CPVO No.	UPOV No.	Characteristics	States of Expression	Note	Remarks
24.	24.	Grain: anthocyanin coloration of nerves of lemma	medium to strong	6	
25.	25.	Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	1	
26.G	26.	Grain: hairiness of ventral furrow	absent	1	
27.	27.	Grain: disposition of lodicules	clasping	2	
28.G	29.	Seasonal type	spring type	3	

16. Similar Varieties and Differences from These Varieties:-

Denomination of similar variety	Characteristic in which the similar variety is different	State of expression of similar variety	State of expression of candidate variety

17. Additional Information:-

a) Additional Data:

b) Remarks:

18. Signatures:

Viljandi 07.11.2014

Head of the Viljandi Variety Testing Centre:
Toivo Lauk



Head of the Variety Control Department:
Agra Univer

Experimenter:
Thea Orle