

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

**Wheat
Berlock
SW71139
(VE 028)**

Finnish Food Safety Authority Evira
Finland

UPOV VARIETY DESCRIPTION

1	Reference number of reporting authority	VE 028
2	Reference number of requesting authority	27/2012
3	Breeder's reference	SW71139
4	Applicant (name and address)	Lantmännen SW Seed AB
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5	Botanical name of taxon	<i>Triticum aestivum</i> L.
6	Common name of taxon	Wheat
7	Variety denomination	Berlock
8	Date and document number of UPOV Test Guidelines	TG/3/11 1994-11-04
9	Date and document number of CPVO Technical Protocol	CPVO-TP/3/4 Rev. 2 16/02/2011
10	Testing authority	Finnish Food Safety Authority Evira
11	Testing station and place	Evira Tampereentie 51 32201 Loimaa, Finland
12	Period of testing	2012-13
13	Date and place of issue of document	20.12.2013
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14	Group	
	Ear: color white	
	Seasonal type: spring type	

Wheat (UPOV TG/3/11 94-11-04)
(CPVO-TP/3/3 06/11/2003)
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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	Coleoptile : anthocyanin coloration	4	weak - medium
2	2	Plant : growth habit	5	intermediate
3	-	Flag leaf : anthocyanin coloration of auricles	1	absent or very weak
4	3	Plant : frequency of plants with recurved flag leaves	6	medium - high
5	4	Time of ear emergence	3	early
6	5	Flag leaf : glaucosity of sheath	6	medium - strong
	6	Flag leaf : glaucosity of blade	5	medium
7	7	Ear : glaucosity	6	medium - strong
8	8	Culm : glaucosity of neck	6	medium - strong
9	9	Plant : length	5	medium
10	10	Straw : pith in cross section	1	absent or very thin
11	11	Ear : shape in profile	2	parallel sided
12	12	Ear : density	5	medium
13	13	Ear : length	5	medium
14	14	Awns or scurs : presence	2	scurs present
15	15	Awns or scurs at : length	3	short
		tip of ear		
16	16	Ear : color	1	white
17	17	Apical rachis : hairiness of convex surface	4	weak - medium
		segment		
18	18	Lower glume : shoulder width	3	narrow
19	19	Lower glume : shoulder shape	5	straight
20	20	Lower glume : beak length	2	very short - short
21	21	Lower glume : beak shape	4	slightly curved - moderately curved
22	22	Lower glume : extent of internal hairs	7	strong
24	23	Grain : color	2	red
25	24	Grain : coloration with phenol	7	dark
26	25	Seasonal type	3	spring type

16 Similar Varieties and Differences in Relation to Those Varieties

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Denomination of similar variety	Characteristics in which the similar variety is different	State of expression of similar variety	State of expression of candidate variety
Vinjett	Flag leaf: glaucosity of blade Culm: glaucosity of neck	strong strong	medium medium - strong

17 Additional information

a) Additional Data

b) Remarks

18 Signature

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