

**THE PLANT VARIETY RIGHTS OFFICE
REPORT ON TECHNICAL EXAMINATION**

1. Reference number of reporting authority: **AFP33/252**
2. Requesting authority: **Republic of Estonia**
3. Reference number of requesting authority: **102/2013**
4. Breeder's reference: **SW-ZG 2007**
5. Date of application in requesting State: **28/11/2014**
6. Applicant (name and address): **Lantmannen ek for, Fack 950063,
R 059, SE-106 54 Stockholm, Sweden.**
7. Agent (name and address) (if applicable):
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8. Botanical name of taxon: ***Vicia faba* L.**
9. Common name of taxon: **Faba bean**
10. Variety denomination: **BOXER**
11. Breeder (name and address): **As above**
12. Testing authority: **United Kingdom**
13. Testing station(s) and place(s): **NIAB, Cambridge, UK**
14. Period of testing: **2009, 2010, 2011, 2012**
15. Date and place of issue of document: **December 2014, APHA, Cambridge, UK**

16. **RESULTS OF THE TECHNICAL EXAMINATION AND CONCLUSION**

(a) **Report on Distinctness:**

The variety

- is clearly distinguishable from any other variety [**X**]
- is not clearly distinguishable from all varieties []

whose existence is known to us.

(b) **Report on Homogeneity:**

The variety

- is sufficiently homogeneous [**X**]
- is not sufficiently homogeneous []

having regard to the particular features of its sexual reproduction or vegetative propagation.

(c) **Report on Stability:**

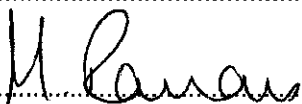
The variety

- is stable [**X**]
- is not stable []

in its essential characteristics.

In the case of a positive conclusion, a description of the variety is given as an annex to this report.

17. Remarks:

18. Signature: 

19. Date: 15 December 2014

UPOV VARIETY DESCRIPTION

- | | |
|--|---|
| 1. Reference number of reporting authority | 33/252 |
| 2. Reference number of requesting authority
(bilateral agreements only) | |
| 3. Breeder's reference | SW-ZG 2007 |
| 4. Applicant name and address | SENOVA LTD
49 NORTH ROAD
GREAT ABINGTON
CAMBRIDGE CB21 6AS
UNITED KINGDOM |
| 5. Botanical name of taxon | <i>Vicia faba</i> L. var. minor |
| 6. Common name of taxon | FIELD BEANS |
| 7. Variety denomination | BOXER |
| 8. Date and/or document number of UPOV
Test Guidelines | TG/8/6 2002-04-17 |
| 9. Date and/or document number of
National Test Guidelines | November 2008 |
| 10. Testing authority | United Kingdom |
| 11. Testing station(s) and place(s) | NIAB, Cambridge |
| 12. Period of testing | 2009, 2010, 2011, 2012 |
| 13. Date and place of issue of document | October 2012 |
| 14. GROUP: (Grouping characters are marked G in Section 15) | |

UPOV No	Nat No	Characteristic	State of Expression	Note	Remarks
8	3	WING: MELANIN SPOT	present	9	
12	80	PLANT: GROWTH TYPE	intermediate	2	
19	65	DRY SEED: COLOUR OF TESTA	beige	2	

15. CHARACTERISTICS included in the UPOV Test Guidelines or National Test Guidelines:

UPOV No	Nat No	Characteristic	state of expression	Note	Remarks
01	36	FOLIAGE: COLOUR	dark green	3	
02	10	TIME OF FLOWERING (50% OF THE PLANTS WITH AT LEAST ONE FLOWER)	very early	1	
03	53	ONLY VARIETIES WITH MELANIN SPOT: STEM: ANTHOCYANIN COLOURATION	weak to medium	4	
04	32	LEAFLET: LENGTH (BASAL PAIR OF LEAFLETS AT SECOND FLOWERING NODE)	short to medium	4	
05	33	LEAFLET: WIDTH	narrow to medium	4	
06		LEAFLET: POSITION OF MAXIMUM WIDTH	towards tip	1	
07	14	FLOWER: LENGTH	medium	5	
08G	03	WING: MELANIN SPOT	present	9	
09		WING: COLOUR OF MELANIN SPOT	black	2	
10	87	STANDARD: ANTHOCYANIN COLOURATION	present	9	
11	91	STANDARD: EXTENT ANTHOCYANIN COLOURATION	very small to small	2	
12G	80	PLANT: GROWTH TYPE	intermediate	2	
13	50	PLANT: HEIGHT	medium	5	
14		STEM: NUMBER OF NODES (UP TO AND INCLUDING FIRST FLOWERING NODE)	few to medium	4	
15	42	POD: LENGTH (WITHOUT BEAK)	short	3	
16	43	POD: WIDTH (FROM SUTURE TO SUTURE)	narrow	3	
17		DRY SEED: SHAPE OF MEDIAN LONGITUDINAL SECTION	elliptic	2	
18	1	DRY SEED: 100 SEED WEIGHT	medium	5	
19G	65	DRY SEED: COLOUR OF TESTA (IMMEDIATELY AFTER HARVEST)	beige	1	
20	66	DRY SEED: BLACK PIGMENTATION OF HILUM	absent	1	

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
33/203 SYNCRO	(01) FOLIAGE: COLOUR	Dark green 3	Dark green 3
	(13) PLANT HEIGHT	Medium to tall 6	Medium 5

17. Additional information:a) Additional data

Nil

b) Remarks

33/252 Boxer showed consistent observed differences in foliage colour and plant height in direct comparison plots, when compared with 33/203 Syncro, Boxer being darker in leaf colour and slightly taller in height.