

CPVO VARIETY DESCRIPTION

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| 1. | Reference number of reporting authority | AFP 2/2780 |
| 2. | Reference number of requesting authority
(bilateral agreements only) | |
| 3. | Breeder's reference | SY 412-328 |
| 4. | Applicant name and address | Syngenta Seeds UK Ltd
Market Stainton, Market Rasen,
Lincs LN8 5LJ |
| 5. | Botanical name of taxon | <i>Hordeum vulgare</i> L. sensu lato |
| 6. | Common name of taxon | Barley |
| 7. | Variety denomination | LAUREATE |
| 8. | Date and/or document number of CPVO
Protocol | CPVO-TP/19/3 Final |
| 9. | Date and/or document number of
National Test Protocol | 2012 |
| 10. | Testing authority | United Kingdom |
| 11. | Testing station(s) and place(s) | NIAB, Cambridge |
| 12. | Period of testing | 2013, 2014 |
| 13. | Date and place of issue of document | 6 November 2014, NIAB, Cambridge |
| 14. | GROUP: (Grouping characters are marked G in Section 15) | |

CPVO No.	Nat. No.	Characteristic	State of Expression	Note
3	2	LOWER LEAVES: HAIRINESS OF LEAF SHEATHS	absent	1
12	39	EAR: NUMBER OF ROWS	two	1
22	65	GRAIN: RACHILLA HAIR TYPE	short	1
26	76	GRAIN: HAIRINESS OF VENTRAL FURROW	absent	1
28	90	SEASONAL TYPE	spring type	3

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15. CHARACTERISTICS included in the CPVO Protocol or National Test Protocol:

CPVO No.	Nat. No.	Characteristic	State of Expression	Note
1	62	KERNEL: COLOUR OF ALEURONE LAYER	whitish	1
2	1	PLANT: GROWTH HABIT	semi-erect to intermediate	4
3 G	2	LOWER LEAVES: HAIRINESS OF LEAF SHEATHS	absent	1
4	10	FLAG LEAF: INTENSITY OF ANTH. COLOUR. OF AURICLES	strong	7
5	9	FLAG LEAF: ATTITUDE	semi-erect to horizontal	4
6	15	FLAG LEAF: GLAUCOSITY OF SHEATH	medium to strong	6
7	8	TIME OF EAR EMERGENCE (1st spk. vis. on 50% ears)	medium	5
8	19	AWNS: INTENSITY OF ANTHOCYANIN COLOUR. OF TIPS	medium	5
9	14	EAR: GLAUCOSITY	medium to strong	6
10	17	EAR: ATTITUDE	erect to semi-erect	2
11	33	PLANT: LENGTH (STEM, EARS AND AWNS)	short	3
12 G	39	EAR: NUMBER OF ROWS	two	1
13	41	EAR: SHAPE	parallel	5
14	40	EAR: DENSITY	medium	5
15	29	EAR: LENGTH (EXCLUDING AWNS)	short to medium	4
16	30	AWN: LENGTH (compared to ear)	long	7
17	44	RACHIS: LENGTH OF FIRST SEGMENT	medium to long	6
18	46	RACHIS: CURVATURE OF FIRST SEGMENT	medium	5
19	22	EAR: DEVELOPMENT OF STERILE SPIKELETS	none or rudimentary	1
20	20	STERILE SPIKELET: ATTITUDE (IN MID-THIRD OF EAR)	n/a	n/a
21	25	MEDIAN SPIKELET: LENGTH OF GLUME+AWN of GRAIN	equal	2
22 G	65	GRAIN: RACHILLA HAIR TYPE	short	1
23	86	GRAIN: HUSK	present	9
24	75	GRAIN: ANTHOCYANIN COLOURATION OF NERVES OF LEMMA	medium	5
25	73	GRAIN: SPICULATION OF INNER LATERAL NERVES OF DORSAL SIDE OF LEMMA	absent or v. weak	1
26 G	76	GRAIN: HAIRINESS OF VENTRAL FURROW	absent	1
27	88	GRAIN: DISPOSITION OF LODICULES	clasping	2
28 G	90	SEASONAL TYPE	spring type	3

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
2/2614 KWS AURELIA	CPVO 9/UK 14 EAR: GLAUCOSITY	6	6

17. Additional information:

Additional data:

a) Nil

Remarks

b) The findings in Chapter 16 are based on direct visual comparison which showed that AFP 2/2780 was clearly distinct from AFP 2/2614 on the basis of ear: glaucosity (CPVO character 9).