

## DISCLAIMER

The present version of the national guideline has been accepted by the President of the CPVO for its use in technical examinations carried out on behalf of the CPVO or for the take-over of reports serving as a basis for a CPVO decision.

# United Kingdom Technical Protocol for the DUS testing of

*Vinca L.*

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<b>Test station address:</b>	<b>NIAB Huntingdon Road, Cambridge, CB3 0LE, UK</b>
<b>TP prepared by:</b>	<b>Peter Baker Ornamentals Specialist NIAB</b>
<b>Contact</b>	<b>Elizabeth Scott email: <a href="mailto:elizabeth.scott@niab.com">elizabeth.scott@niab.com</a> tel: 00 44 12 23 34 23 99</b>
<b>Date of Preparation of TP:</b>	<b>6<sup>th</sup> April 2017</b>

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1	Botanical taxon:	<i>Vinca L.</i>
2	Common name (when known):	<b>Vinca</b>
3	UPOV guideline present:	<b>No</b>
4	National Guideline:	<b>Provisional National Guideline, revised 6<sup>th</sup> April 2017</b>
5	Propagation method of the plants to be examined:	<b>Vegetative</b>
6	Minimum number of growing cycles:	<b>One</b>
7	Closing date for applications:	<b>1<sup>st</sup> December</b>
8	Submission of plant material date/period:	<b>Weeks 11-12 (mid March in year of test)</b>
9	Seed/plant quantity and quality:	<b>10 young container grown plants, of sufficient size and maturity to show their representative characteristics in the first year</b>
10	Special conditions of the sample:	<b>Plants must be vegetatively propagated, visually healthy and not treated in any way that will affect subsequent development.</b>
11	Test station address:	<b>NIAB, Huntingdon Road, Cambridge, CB3 0LE, UK</b>
12	Name/email/tel contact person:	<b>Elizabeth Scott Head of Crop Characterisation Email: <a href="mailto:elizabeth.scott@niab.com">elizabeth.scott@niab.com</a> Tel: +44 (0) 1223 342 399</b>
13	Test will take place:	<b>Outdoors in containers or open field as appropriate for the type [after hardening off]</b>
14	Uniformity population standard:	<b>A population standard of 1% with an acceptance probability of at least 95% (one off-type allowed in a sample size of 10).</b>
15	List of grouping characteristics: (if present, please see annex)	<b>Absent</b>
16	Minimum number of plants in trial:	<b>Vegetative: 8 Seed raised: not applicable</b>
17	Minimum number of plants observed:	<b>Vegetative: 8 Seed raised: not applicable</b>
18	Minimum number of plants measured:	<b>Vegetative: 8 Seed raised: not applicable</b>
19	Timing of observations:	<b>When plants have fully established and show the required characteristics</b>
20	Table of characteristics: (if present please annex the table of characteristics and explanations)	<b>Present</b>
21	Reference collection	<b>No permanent living collection; relevant reference varieties obtained for each trial</b>
22	Literature: (if present, please annex to this document)	<b>Absent</b>

**VINCA: CHARACTERISTICS TO BE RECORDED**  
**National Provisional Protocol, revised 6<sup>th</sup> April 2017**

**1. Mature stem: colour**

Assessed by RHS Colour Chart	
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**2. Young leaf: main colour**

Note	1	2	3	4	5	6	7	8
State	whitish	pale yellow	medium yellow	yellowish green	light green	medium green	dark green	grey green

**3. Young leaf: distribution of second colour**

Note	1	2	3	4	5
State	none	marginal	marginal and irregular	central	central and irregular

**4. Young leaf: second colour**

Note	1	2	3	4	5	6	7	8
State	whitish	pale yellow	medium yellow	yellowish green	light green	medium green	dark green	grey green

**5. Leaf: length**

Note	1	2	3	4	5	6	7	8	9
State	very short		short		medium		long		very long

**6. Leaf : width**

Note	1	2	3	4	5	6	7	8	9
State	very narrow		narrow		medium		broad		very broad

**7. Leaf: length/width ratio**

Note	1	2	3	4	5	6	7	8	9
State	very low		low		medium		high		very high

**8. Leaf: position of widest point**

Note	1	2	3
State	towards basal quarter	towards middle	towards distal quarter

**9. Leaf: main colour of upper surface**

Note	1	2	3	4	5	6	7	8
State	whitish	pale yellow	medium yellow	yellowish green	light green	medium green	dark green	grey green

**10. Leaf: distribution of second colour**

Note	1	2	3	4	5
State	none	marginal	marginal and irregular	central	central and irregular

**11. Leaf: secondary colour of upper surface**

Note	1	2	3	4	5	6	7	8
State	whitish	pale yellow	medium yellow	yellowish green	light green	medium green	dark green	grey green

**12. Leaf: extent of secondary colour of upper surface**

Note	1	2	3	4	5
State	very small	small	medium	large	very large

**13. Leaf: distribution of tertiary colour of upper surface**

Note	1	2	3	4	5
State	none	marginal	marginal and irregular	central	central and irregular

**14. Leaf: tertiary colour of upper surface**

Note	1	2	3	4	5	6	7	8
State	whitish	pale yellow	medium yellow	yellowish green	light green	medium green	dark green	grey green

**15. Leaf: extent of tertiary colour of upper surface**

Note	1	2	3	4	5
State	very small	small	medium	large	very large

**16. Leaf: shape of base**

Note	1	2	3	4	5
State	acute	obtuse	rounded	truncate	cordate

**17. Leaf: shape of apex**

Note	1	2	3
State	acute	obtuse	rounded

**18. Leaf: rugosity of upper surface**

Note	1	2	3	4	5
State	absent or very weak	weak	medium	strong	very strong

**19. Leaf: glossiness of upper surface**

Note	1	2	3	4	5
State	absent or very weak	weak	medium	strong	very strong

**20. Leaf: undulation**

Note	1	2	3	4	5
State	absent or very weak	weak	medium	strong	very strong

**21. Flower: diameter**

Note	1	2	3	4	5	6	7	8	9
State	very small		small		medium		large		very large

**22. Flower: type**

Note	1	2	3
State	single	semi-double	double

**23. Semi-double and double flower types only: Flower: number of petaloid segments**

Note	1	2	3	4	5
State	very few	few	medium	many	very many

**24. Flower: length of corolla lobe**

Note	1	2	3	4	5	6	7	8	9
State	very short		short		medium		long		very long

**25. Flower: width of corolla lobe**

Note	1	2	3	4	5	6	7	8	9
State	very narrow		narrow		medium		broad		very broad

**26. Flower: length/width ratio of corolla lobe**

Note	1	2	3	4	5	6	7	8	9
State	very low		low		medium		high		very high

**27. Flower: shape of apex of corolla lobe**

Note	1		2			3			
State	slightly pointed		rounded			truncate			

**28. Flower: colour of inner surface of corolla lobe**

Assessed by RHS Colour Chart	
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**29. Flower: colour of outer surface of corolla lobe**

Assessed by RHS Colour Chart	
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**30. Flower: white basal zone of corolla lobe**

Note	1	2	3	4
State	absent	small	medium	large