

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.

Lupinus
Simplified standard protocol: SSP/LPP/2

Examination office:	Naktuinbouw	
Reference of the protocol:	SSP/LPP/2	
Date of preparation of the protocol:	07/09/2022	
Date of entry into force of the protocol:	07/09/2022	
Botanical taxon:	Lupinus L.	
Common Name (when known):	Lupin	
Way of propagation of the plants to be examined:	Self or cross pollinated seed propagated <input type="checkbox"/> Vegetatively propagated <input checked="" type="checkbox"/>	
Number of growing cycles:	1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> Other <input type="checkbox"/> specify	
List of grouping characteristics:	Yes <input type="checkbox"/> if yes put as annex No <input checked="" type="checkbox"/>	
Minimum number of plants in trial:	Vegetative:20	Seed: -
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed: -
Give description of when observations should take place:	Observation on the flower should take place: at full flowering Observation on the leaf should take place: at full flowering Other observations should take place: at full flowering	

<p>Uniformity:</p> <ul style="list-style-type: none"> - For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of 1% and an acceptance probability of at least 95% should be applied. In the case of a sample size of 24 plants, 1 off-types are allowed. - For the assessment of uniformity for cross-pollinated varieties, the recommendations for cross-pollinated varieties in the General introduction of UPOV should be applied. The variability within the variety should not exceed the variability of comparable varieties already known. 	
Table of characteristics:	Present <input checked="" type="checkbox"/> Not available <input type="checkbox"/>
Literature: (when present, please annex to this document)	Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/>

Table of characteristics:

1. Plant: growth habit	
2. Plant: height	
3. Peduncle: thickness	
4. Peduncle: color	
5. Peduncle: intensity of anthocyanin coloration	
6. Peduncle: pubescence	
7. Leaf: number of leaflets	
8. Leaf: diameter	
9. Leaf: shape in cross section	
10. Leaf: color of upper side	RHS Colour Chart (indicate reference number)
11. Leaf: intensity of anthocyanin coloration	
12. Leaf: color of lower side	
13. Leaflets: length	
14. Leaflets: width	
15. Leaflets: shape	
16. Leaflets: shape of base	
17. Leaflets: shape of apex	
18. Petiole: length	
19. Petiole: thickness	
20. Petiole: color	
21. Petiole: intensity of anthocyanin coloration	
22. Petiole: pubescence	
23. Inflorescence: type	
24. Inflorescence: length	
25. Inflorescence: width	
26. Pedicel: length	
27. Pedicel: color	
28. Pedicel: intensity of anthocyanin coloration	
29. Pedicel: pubescence	
30. Calyx: length of upper part	
31. Calyx: width of upper part	
32. Calyx: shape in cross section of upper part	
33. Calyx: color of upper part	
34. Calyx: intensity of anthocyanin coloration of upper part	
35. Calyx: pubescence of upper part	
36. Calyx: length of lower part	
37. Calyx: width of lower part	
38. Calyx: shape in cross section of lower part	
39. Calyx: color of lower part	
40. Calyx: intensity of anthocyanin coloration of lower part	
41. Calyx: pubescence of lower part	
42. Standard petal: length	
43. Standard petal: width	
44. Standard petal: color of middle zone	RHS Colour Chart (indicate reference number)
45. Standard petal: color of margin	RHS Colour Chart (indicate reference number)
46. Standard petal: number of spots	
47. Standard petal: color of spots	
48. Standard petal: degree of recurving	
49. Winged petal: main color	RHS Colour Chart (indicate reference number)

50. Keel petal: color of base	RHS Colour Chart (indicate reference number)
51. Keel petal: color of tip	RHS Colour Chart (indicate reference number)
52. Filament: length	
53. Filament: color	
54. Anther: color	
55. Style: length	
56. Style: color	
57. Stigma: color	
58. Ovary: color	
Literature: The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King Name that flower: by Ian Clarke and Heleen Lee Botanisch woordenboek: by Henk Eggelte	