

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	