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**

<table>
<thead>
<tr>
<th>Examination office:</th>
<th>Naktuinbouw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference of the protocol:</td>
<td>SSP/LPP/2</td>
</tr>
<tr>
<td>Date of preparation of the protocol:</td>
<td>07/09/2022</td>
</tr>
<tr>
<td>Date of entry into force of the protocol:</td>
<td>07/09/2022</td>
</tr>
<tr>
<td>Botanical taxon:</td>
<td>Lupinus L.</td>
</tr>
<tr>
<td>Common Name (when known):</td>
<td>Lupin</td>
</tr>
</tbody>
</table>
| Way of propagation of the plants to be examined: | Self or cross pollinated seed propagated ☐  
Vegetatively propagated ☒ |
| Number of growing cycles: | 1 ☒  
2 ☐  
Other ☐ specify                                      |
| List of grouping characteristics: | Yes ☐ if yes put as annex  
No ☒                                      |
| 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 |
Uniformity:

- 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 ☒  
Not available ☐ |
|---------------------------|----------------|
| Literature: (when present, please annex to this document) | Present ☒  
Absent ☐ |
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
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
45. Standard petal: color of margin
46. Standard petal: number of spots
47. Standard petal: color of spots
48. Standard petal: degree of recurving
49. Winged petal: main color
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.</td>
<td>Keel petal: color of base</td>
<td>RHS Colour Chart (indicate reference number)</td>
</tr>
<tr>
<td>51.</td>
<td>Keel petal: color of tip</td>
<td>RHS Colour Chart (indicate reference number)</td>
</tr>
<tr>
<td>52.</td>
<td>Filament: length</td>
<td></td>
</tr>
<tr>
<td>53.</td>
<td>Filament: color</td>
<td></td>
</tr>
<tr>
<td>54.</td>
<td>Anther: color</td>
<td></td>
</tr>
<tr>
<td>55.</td>
<td>Style: length</td>
<td></td>
</tr>
<tr>
<td>56.</td>
<td>Style: color</td>
<td></td>
</tr>
<tr>
<td>57.</td>
<td>Stigma: color</td>
<td></td>
</tr>
<tr>
<td>58.</td>
<td>Ovary: color</td>
<td></td>
</tr>
</tbody>
</table>

**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