

## 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.

**Pinus**  
**Simplified standard protocol: SSP/PBM/2.rev**

Examination office:	Naktuinbouw	
Reference of the protocol:	SSP/PBM/2.rev	
Date of preparation of the protocol:	10/10/2023	
Date of entry into force of the protocol:	31/03/2023	
Botanical taxon:	Pinus nigra Arnold Pinus sylvestris L.	
Common Name (when known):	Pine	
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 type="checkbox"/> 2 <input checked="" type="checkbox"/> Other <input type="checkbox"/> specify <a href="#">Click or tap here to enter text.</a>	
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:8	Seed: -
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed: -
Give description of when observations should take place:	Autumn	
<p>Uniformity:</p> <ul style="list-style-type: none"> <li>- For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of {x} % and an acceptance probability of at least {y}% should be applied. In the case of a sample size of X plants, X off-types are allowed.</li> <li>- 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.</li> </ul>		

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 Pinus**

Plant: attitude
Plant: height (incl. inflorescence)
Stem: thickness
Stem: colour
Stem: anthocyanin coloration
Stem: intensity of anthocyanin coloration
Branches: length
Branches: thickness
Branches: colour
Branches: angle with main axis
Needles: sheath: colour
Needles: angle with axis
Needles: length
Needles: thickness
Needles: old needles: colour (RHS)
Needles: rotation of longitudinal axis
Needles: margin: type of incisions
Literature:
Encyclopaedia of Garden Plants and Flowers: Lance Hattat
Dictionary of Gardening: The Royal Horticultural Society
Hortica: A.B.Graf