

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 Click or tap here to enter text.	
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"> - 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. - 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 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