

**Penstemon**  
**Simplified Standard Protocol: SSP/SPB/2.rev**

Botanical taxon:	Penstemon Schmidel	
Common Name (when known):	Penstemon	
Date of preparation of SSP:	2010	
Date of revision of SSP:	01-01-2020	
SSP revised by:	G. van de Wardt	
Sample to be examined:	VEGETATIVE	
Number of growing cycles:	1 year	
Closing date for applications:	1/12	
Submission date/period:	1/3 - 31/3	
Plant Quantity:	24 young plants	
	Able to show all their characteristics in the first year of examination	
Special conditions sample:	None	
Test station address:	Naktuinbouw, Sotaweg 22, 2371 AA, Roelofarendsveen	
Name:	Team Support Variety Testing Department	
E-mail:	<a href="mailto:teamsupport@rasraad.nl">teamsupport@rasraad.nl</a>	
List of grouping characteristics:	NO, (if yes put as annex)	
Minimum number of plants in trial:	Vegetative: 20	Seed: not appl.
Minimum number of plants observed by measuring or counting:	Vegetative: 1	Seed: not appl.
Give description of when observations on the flower should take place:	At full flowering	
Give description of when/where observations on the leaf should take place:	At full flowering	
Give description of when/where the other observations should take place:	At full flowering	
Test will take place:	GREENHOUSE (Cold)	
Uniformity:	A population standard of 1% with an acceptance probability of at least 95%. Number of off-types allowed: one off-type allowed in a sample size of 24 plants.	
Table of characteristics:	PRESENT (see annex)	
(if present, please annex the table of characteristics and explanations)		
Literature:	PRESENT	
(if present, please annex to this document)		

## Table of characteristics Penstemon

Plant: attitude creeping/upright
Plant: height (inflorescence included)
Stem: consistence herbaceous/lignified
Stem: intensity of ramification
Stem: thickness at base
Stem: colour
Stem: internodes: length
Stem: pubescence
Leaf: arrangement
Leaf: petiole: length
Leaf: blade: length
Leaf: blade: width
Leaf: blade: colour of upper side
Leaf: blade: colour of lower side
Leaf: blade: shape
Leaf: blade: shape in cross section (concave/flat/convex)
Leaf: blade: shape between veins (plicate/flat)
Leaf: blade: margin: undulation
Leaf: blade: shape of apex
Inflorescence: peduncle: length
Inflorescence: peduncle: width
Inflorescence: peduncle: colour
Inflorescence: length of flowering part
Inflorescence: number of flowers
Inflorescence: pedicel: length
Inflorescence: pedicel: colour
Inflorescence: stipulae: length
Inflorescence: calyx: number of lobes
Inflorescence: calyx: shape of lobes
Inflorescence: calyx: length
Inflorescence: calyx: width:
Inflorescence: calyx: colour
Inflorescence: corolla: shape
Inflorescence: corolla: length
Inflorescence: corolla: width
Inflorescence: corolla: colour outer side (RHS)
Inflorescence: corolla: colour inner side
Inflorescence: corolla lobes: length
Inflorescence: corolla lobes: width
Inflorescence: corolla lobes: shape
Inflorescence: corolla lobes: colour
Inflorescence: stamen: colour
Inflorescence: anther: colour
Inflorescence: style: length
Inflorescence: style: colour
Inflorescence: stigma: colour

<p>Literature:</p> <p>Dictionary of Gardening: The Royal Horticultural Society</p> <p>Hortica: A.B.Graf</p> <p>Die Freiland-Schmuckstauden, Leo Jelitto, Wilhelm Schacht, Dr Hans Simon</p> <p>The Encyclopedia of Garden Flowers, Kate &amp; Geoff Bryant</p>