



**CPVO**

Community Plant Variety Office

## 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.

**Euphorbia**  
**Simplified standard protocol: SSP/EUP/1**

Examination office	Naktuinbouw	
Reference of the protocol	SSP/EUP/1	
Date of preparation of the protocol	01/09/2023	
Date of entry into force of the protocol	23/12/2021	
Botanical taxon:	Euphorbia L. Euphorbia amygdaloides L. Euphorbia characias L. x E. dulcis L. Euphorbia amygdaloides L. x E. characias	
Common Name (when known):	Spurges	
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"/>	
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	see: EXPLANATIONS ON THE TABLE OF CHARACTERISTICS	

<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 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.</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**

<b>N°</b>	<b>Stage</b>	<b>Characteristics</b>
1.	(a)	Plant: growth habit
2.	(a)	Plant: height
3.	(a)	Plant: width
4.	(a)	Stem: color
5.	(a)	Stem: intensity of anthocyanin coloration
6.	(a)	Stem: number of leaves
7.	(a)	Leaf: attitude
8.	(a)	Leaf: length
9.	(a)	Leaf: width
10.	(a)	Leaf: shape
11.	(a)	Leaf: shape of apex
12.	(a)	Young leaf: main color of upper side RHS Colour Chart (indicate reference number)
13.	(a)	Young leaf: variegation
14.	(a)	Young leaf: color of variegation RHS Colour Chart (indicate reference number)
15.	(a)	Young leaf: intensity of anthocyanin coloration of upper side
16.	(a)	Young leaf: intensity of anthocyanin coloration of lower side
17.	(a)	Leaf: main color of upper side RHS Colour Chart (indicate reference number)
18.	(a)	Leaf: variegation
19.	(a)	Leaf: color of variegation RHS Colour Chart (indicate reference number)
20.	(a)	Leaf: intensity of anthocyanin coloration of upper side
21.	(a)	Leaf: intensity of anthocyanin coloration of lower side
22.	(b)	Axillary cyme: length of primary peduncle
23.	(b)	Axillary cyme: length of secondary peduncle
24.	(b)	Axillary cyme: intensity of anthocyanin coloration
25.	(b)	Terminal flower cluster: height
26.	(b)	Terminal flower cluster: diameter

<b>N°</b>	<b>Stage</b>	<b>Characteristics</b>
<b>27.</b>	<b>(b)</b>	Terminal flower cluster: number of cymes
<b>28.</b>	<b>(b), (c)</b>	Primary cyathium: diameter
<b>29.</b>	<b>(b), (c)</b>	Secondary cyathium: diameter
<b>30.</b>	<b>(b), (c)</b>	Cyathophyll: main color of upper side RHS Colour Chart (indicate reference number)
<b>31.</b>	<b>(b), (c)</b>	Cyathophyll : variegation
<b>32.</b>	<b>(b), (c)</b>	Cyathophyll: color of variegation RHS Colour Chart (indicate reference number)
<b>33.</b>	<b>(b), (c)</b>	Gland: color just before opening RHS Colour Chart (indicate reference number)
<b>34.</b>	<b>(b), (c)</b>	Gland: color RHS Colour Chart (indicate reference number)
<b>35.</b>	<b>(b), (c)</b>	Female flower: color of ovary
<b>36.</b>	<b>(b), (c)</b>	Female flower: color of style
<b>37.</b>	<b>(b), (c)</b>	Female flower: pubescence

## **EXPLANATIONS ON THE TABLE OF CHARACTERISTICS**

### **Explanations covering several characteristics**

- (a) Observations should be made at full growing
- (b) Observations should be made at full flowering
- (c) Observations should be made on the secondary cyathium

## **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

RHS Wisley Handbook: Euphorbias: by Timothy Walker

Dictionary of Gardening: Royal Horticultural Society