

***Eichhornia crassipes* (Mart.) Solms**  
**National protocol: NP/WHC/3**

Examination office	Naktuinbouw	
Reference of the protocol	NP/WHC/3	
Date of preparation of the protocol	01/12/2021	
Date of entry into force of the protocol	16/12/2009	
Botanical taxon:	<i>Eichhornia crassipes</i> (Mart.) Solms	
Common Name (when known):	waterhyacinth (NL); Water hyacinth (EN)	
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 checked="" type="checkbox"/> 2 <input 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:20	Seed: <a href="#">Click or tap here to enter text.</a>
Minimum number of plants observed by measuring or counting:	Vegetative:10	Seed: <a href="#">Click or tap here to enter text.</a>
Give description of when observations should take place	<p>Observations on the leaves should be made at emerging leaves.</p> <p>Observations on the flowers should be made at full flowering, vital plants.</p> <p>Other observations should be made at full flowering, vital plants.</p> <p>Observation period: from July 1 to at least September 30.</p>	

Uniformity:

- For the assessment of uniformity of vegetatively propagated varieties, a population standard of 1% with an acceptance probability of at least 95% should be applied. Number of Off-types allowed: one off-type allowed in a sample size of 8.

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 *Eichhornia crassipes* (Mart.) Solms (NP/WHC/3)**

	Characteristic	Expression	Note
1	Plant: vegetative stems condensed or branching	condensed branching	1 9
2	Plant: number of leaves	very few few medium many very many	1 3 5 7 9
3	Leaf petiole: shape of inflated petiole	top-shaped ovate elliptical orbicular	1 2 3 4
4	Leaf petiole: length of inflated petiole	very short short medium long very long	1 3 5 7 9
5	Leaf petiole: width of inflated petiole	very narrow narrow medium broad very broad	1 3 5 7 9
6	Leaf petiole: length of petiole above inflated part	very short short medium long very long	1 3 5 7 9
7	Leaf petiole: width of petiole above inflated part	very narrow narrow medium broad very broad	1 3 5 7 9
8	Leaf blade: length	very short short medium long very long	1 3 5 7 9
9	Leaf blade: width	very narrow narrow medium broad very broad	1 3 5 7 9
10	Leaf blade: shape	top-shaped ovate elliptical orbicular	1 2 3 4

11	Leaf blade: intensity of green color of upper side	absent to very light light medium dark very dark	1 3 5 7 9
12	Leaf blade: shape in cross section	concave flat convex	1 2 3
13	Leaf blade: shape of apex	not indented slightly indented medium indented very indented	1 3 5 7 9
14	Leaf blade: shape of base	acute acute to rounded rounded	1 2 3
15	Leaf blade: thickness	very thin thin medium thick very thick	1 3 5 7 9
16	Flower: diameter at outer tepals	very small small medium large very large	1 3 5 7 9
17	Pedicle: length	very short short medium long very long	1 3 5 7 9
18	Pedicle: width	very narrow narrow medium broad very broad	1 3 5 7 9
19	Pedicle: intensity of pubescence	absent or very weak weak medium strong very strong	1 3 5 7 9
20	Tepals: shape	ovate elliptical orbicular	1 2 3
21	Tepals: first color (margin outer tepals)	white mauve bluish purple	1 2 3 4

22	Tepals: second color (center of upper inner tepal)	white mauve bluish purple	1 2 3 4
23	Tepals: third color (spot on upper inner tepal)	white yellow	1 2
24	Tepals: size of spot on upper inner tepal	very small small medium large very large	1 3 5 7 9
25	Tepals: color of nectar furrows on upper inner tepal	white mauve bluish purple yellow	1 2 3 4 5
26	Stamen: length	very short short medium long very long	1 3 5 7 9
27	Stamen: color	white mauve bluish purple yellow	1 2 3 4 5
28	Anther: color	white mauve bluish purple yellow	1 2 3 4 5
29	Style: length	very short short medium long very long	1 3 5 7 9
30	Style: color	white mauve bluish purple yellow	1 2 3 4 5

Literature:

Chittenden, F.J., 1951: Dictionary of Gardening. The Royal Horticultural Society. Oxford at the Clarendon Press, GB.

Committee, Flora of North America Editorial, 2003: Flora of North America. Volume 26. Magnoliophyta: Liliidae. Oxford University Press. Oxford, GB, pp 39 to 41.

Graf, A.B., 1992: Hortica: A Color Cyclopedia of Garden Flora: In All Climates and Indoor Plants. Roehrs Co.