

**Euonymus**  
**National protocol: NP/KDH/1**

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Botanical taxon:	Euonymus fortune (Turcz.) Hand. -Mazz., Euonymus japonica Thunb.	
Common Name (when known):	Spindle Tree	
Date of preparation of NP:	01-03-2021	
Date of revision of NP:		
NP revised by:	W.A. Wietsma	
Sample to be examined:	VEGETATIVE	
Number of growing cycles:	1 year	
Closing date for applications:	1/12	
Submission date/period:	1/3 - 31/3	
Seed/Plant Quantity:	24 bushes 2 years old, able to show all their characteristics during 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:	Not applicable	
Give description of when/where observations on the leaf should take place:	End summer – autumn	
Give description of when/where the other observations should take place:	End summer – autumn	
Test will take place:	OUTDOOR	
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	
Table of characteristics:	PRESENT (see annex)	
(if present, please annex the table of characteristics and explanations)		
Literature:	PRESENT	
(when present, please annex to this document)		

**Table of characteristics Euonymus**

1. Plant: attitude	erect	(1)	Gold Rocket
	erect to spreading	(2)	Heesgo1801
	spreading	(3)	Hein's silver
2. Plant: height	low	(3)	Hoogi
	medium	(5)	Lankveld03
	high	(7)	Eujacodek
3. Plant: width	narrow	(3)	Kr071212
	medium	(5)	Minmil
	broad	(7)	Eujacodek
4. Branches: colour at base	RHS Colour Chart (indicate reference number)		
5. Branches: colour distal part	RHS Colour Chart (indicate reference number)		
6. Branches: angle secondary branches with main branch (indicate degrees)	ca. °		
7. Petiole: length	short	(3)	Hein's Silver
	medium	(5)	Eujacodek
	long	(7)	Goldbolwi
8. Petiole: colour	RHS Colour Chart (indicate reference number)		
9. Leaf blade: length	short	(3)	Happiness
	medium	(5)	Heesgo1801
	long	(7)	Minmil
10. Leaf blade: width	narrow	(3)	Hein's Silver
	medium	(5)	Heesgo1801
	broad	(7)	Minmil
11. Leaf blade: shape	ovate	(1)	Eujacodek
	elliptic	(2)	Hein's Silver
	elliptic to ovate	(3)	Heesgo1801
12. Leaf blade: variegation	absent	(1)	Eujacodek
	present	(9)	Heesgo1801
13. Leaf blade: position of variegation (distribution)			
14. Leaf blade: colour 1 of upper side	RHS Colour Chart (indicate reference number)		
15. Leaf blade: area of colour 1	% area		
16. Leaf blade: colour 2 of upper side	RHS Colour Chart (indicate reference number)		
17. Leaf blade: area of colour 2	% area		
18. Leaf blade: colour 3 of upper side	RHS Colour Chart (indicate reference number)		
19. Leaf blade: area of colour 3	% area		
20. Leaf blade: main colour of top leaves	RHS Colour Chart (indicate reference number)		
21. Leaf blade: presence of anthocyanin coloration	absent	(1)	Heesgo1801
	present	(9)	Hein's Silver

22. Leaf blade: intensity of anthocyanin coloration	weak medium strong	(3) (5) (7)	Hein's Silver Waldbowli
Literature: Atrium tuinplanten encyclopedie: C. Brickell The Encyclopedia of Garden Flowers: K&G Bryant Encyclopedia of Garden Plants and Flower: Lance Hattate Dictionary of Gardening: The Royal Horticultural Society Hortica: A.B.Graf			