

VARIETY DESCRIPTION

1.	Reference number of reporting authority	: DEE 4061181
2.	Reference number of requesting authority	: 90/2016
3.	Breeder's reference / document denomination	: 414 / Heiti
4.	Applicant (name and address)	: Estonian Crop Research Institute J. Aamisepa 1, Jõgeva alevik 48309 JOGEVAMAA Estonie
-.	Breeder's name	: Estonian Crop Research Institute
5.	Botanical name of taxon	: <i>Medicago sativa</i> L.
6.	Common name of taxon	: Hybrid Lucerne
7.	Variety denomination	: Heiti
7bis.	Variety type	: unknown
8.	Date and document number of UPOV test guidelines	: 06/04/2005, TG/6/5
9.	Date and/or document number of national test guidelines	: 19/10/2017, FRA 1/2
10.	Testing authority	: GEVES, France
11.	Testing station(s) and place(s)	: L'Anjouère (49) et La Valette (34)
12.	Period of testing	: 15/01/2017 - 15/12/2020
13.	Date and place of document	: 07/05/2021, L'Anjouère

15. Characteristics observed

UPOV or National N°	Characteristic	Level of expression	Note
	<u>Flower</u>		
b	frequency of plants with cream or white flowers	absent or very low	1
c	frequency of plants with yellow flowers	absent or very low	1
d	frequency of plants with very light blue violet flowers	very low to low	2
e	frequency of plants with variegated yellow flowers	absent or very low	1
f	frequency of plants with light variegated flowers	absent or very low	1
g	frequency of plants with medium blue violet flowers	very low to low	2
h	frequency of plants with dark blue violet flowers	low	3
i	frequency of plants with very dark blue violet flowers	absent or very low	1
j	frequency of plants with dark variegated flowers	very low to low	2
	<u>Plant</u>		
1	growth habit in autumn of the first year (2 weeks before equinox)	medium to semi-prostrate	6
2 *	natural height 2 weeks after the first autumn equinox following sowing (cut 2 weeks before equinox)	very short to short	2
3 *	natural height 6 weeks after the first autumn equinox following sowing (cut 2 weeks after equinox)	very short	1
4	natural height in spring (1 month after beginning of growing the year after sowing)	short to medium	4
5 *	time of beginning of flowering	medium	5
	<u>Flower</u>		
6 *	frequency of plants with very dark blue violet flowers	very low to low	2
7 *	frequency of plants with variegated flowers	medium	5
8 *	frequency of plants with cream, white or yellow flowers	absent or very low	1
	<u>Stem</u>		
9 *	length of the longest stem at full flowering (head included; when fully expanded)	short	3

(*) Characteristic that should always be included in the variety description
(a,b,..) Characteristics identified by a letter are additional characteristics used in France

UPOV or National N°	Characteristic	Level of expression	Note
	<u>Plant</u>		
10	natural height 3 weeks after first cut	short	3
11	natural height 3 weeks after 2nd cut	short	3
12	natural height 3 weeks after 3rd cut	short	3
13	natural height 3 weeks after 4th cut	very short to short	2
14	natural height 2 weeks after the 2nd autumn equinox following sowing (cut 2 weeks before equinox)	very short to short	2
15	natural height 6 weeks after the 2nd autumn equinox following sowing (cut 2 weeks after equinox)	very short to short	2
16 *	tendency to grow during winter	dormancy rating 1	1
	<u>Resistance to Verticillium albo-atrum</u>		
17		medium to high	6
	<u>Resistance to Ditylenchus dipsaci</u>		
18		medium	5
	<u>Resistance to Colletotrichum trifolii</u>		
19		very low	1
	<u>Resistance to Phytophthora medicaginis</u>		
20		not observed	-
	<u>Resistance to Acyrthosiphon kondoi</u>		
21		not observed	-
	<u>Resistance to Therioaphis maculata</u>		
22		not observed	-

16. Similar varieties and differences in relation to those varieties

None

17. Additional information:

a) Additional data - - -

b) Remarks - - -