CPVO
Community Plant Variety Office

DISCLAIMER

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Agave
National protocol: NP/AGV/1

Examination office	Naktuinbouw	
Reference of the protocol	NP/AGV/1	
Date of preparation of the protocol	01/12/2025	
Date of entry into force of the protocol	01/04/2025	
Botanical taxon:	Agave L.	
Common Name (when known):	Agave	
Way of propagation of the plants to be examined	Self or cross pollinated seed propagated ☐ Vegetatively propagated ☒	
Number of growing cycles:	1 ☒ 2 ☐ Other ☐ specify Click or tap here to enter text.	
List of grouping characteristics	Yes ☐ if yes put as annex No ☒	
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	

Uniformity:

- 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 20 plants, 1 off-types are allowed.
- 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.

Table of characteristics	Present ☒ Not available ☐

Literature (when present, please annex to this document)	Present ☒ Absent ☐

TABLE OF CHARACTERISTICS:

N°	Stage, Method	Characteristics	Examples	Note
1.	**MS/VG**	**Plant: height**		
QN	**(a)**	very short	Peace Revolution	1
		short	Praying Hands	2
		medium	Silver Fox	3
		large	Snow Leopard	4
		very large	-	5
2.	**MS/VG**	**Plant: width**		
QN	**(a)**	very narrow	Gelagpapla	1
		narrow	Silver Fox	2
		medium	Snow Leopard	3
		broad	Mission to Mars	4
		very broad	-	5
3.	**VG**	**Leaf blade: attitude**		
QN	**(a)**	strong incurved	Praying Hands	1
		incurved	-	2
		straight	Gelagpapla	3
		recurved	Pineapple Express	4
		strong recurved	Dessert Dragon	5
4.	**MS/VG**	**Leaf blade: length**		
QN	**(a)**	very short	Gelagpapla	1
		short	Silver Fox	2
		medium	Snow Leopard	3
		long	CNGH	4
		very long	-	5
5.	**MS/VG**	**Leaf blade: width**		
QN	**(a)**	very narrow	Dessert Dragon	1
		narrow	Peace Revolution	2
		medium	Gelagpapla	3
		broad	-	4
		very broad	-	5

N°	Stage, Method	Characteristics	Examples	Note
6.	**VG**	**Leaf blade: position of broadest part**		
QN	**(a)**	towards base	Gelagpapla	1
		at middle	Pineapple Express	2
		towards apex	Lavender Lady	3
7.	**MS/VG**	**Leaf blade: thickness**		
QN	**(a)**	very thin	NCYU Cherry	1
		thin	-	2
		medium	Praying Hands	3
		thick	Silver Fox	4
		very thick	-	5
8.	**VG**	**Leaf blade: undulation of margin**		
QN		absent or very weak	Lavender Lady	1
		weak	Spotty Dotty	2
		medium	Silver Fox	3
		strong	-	4
		very strong	-	5
9.	**VG**	**Leaf blade: dentation of margin**		
QN	**(a)**	absent or very weak	NCYU Cherry	1
		weak	-	2
		medium	Inkblot	3
		strong	Silver Fox	4
		very strong	-	5
10.	**VG**	**Leaf blade: color of dentation**		
PQ	**(a)**	white	Inblot	1
		yellow	Navajo Princess	2
		green	Gelagpapla	3
		red	-	4
		purple	Mission to Mars	5
		brown	Peace Revolution	6
		blackish	-	7

N°	Stage, Method	Characteristics	Examples	Note
11.	**VG**	**Leaf blade: shape apex (without pickle)**		
PQ	**(a)**	acuminate	Peace Revolution	1
		acute	Snow Leopard	2
		rounded	-	3
		obtuse	Gelagpapla	4
12.	**MS/VG**	**Leaf blade: length of pickle**		
QN	**(a)**	absent or very short	Pineapple Express	1
		short	Blazing Saddles	2
		medium	Mission to Mars	3
		long	Peace Revolution	4
		very long	-	5
13.	**MS/VG**	**Leaf blade: color of pickle**		
PQ	**(a)**	white	-	1
		yellow	Snow Leopard	2
		green	Gelagpapla	3
		red	Silver Fox	4
		purple	Mission to Mars	5
		brown	Peace Revolution	6
		blackish	-	7
14.	**VG**	**Leaf blade: number of color of upper side**		
QN	**(a)**	one	Gelagpapla	1
		two	Peace Revolution	2
		more than two	-	3
15.	**VG**	**Leaf blade: main color of upper side**		
PQ	**(a)**	RHS Colour Chart (indicate reference number)	-	
16.	**VG**	**Leaf blade: secondary color of upper side**		
PQ	**(a)**	RHS Colour Chart (indicate reference number)	-	

N°	Stage, Method	Characteristics	Examples	Note
17.	**VG**	**Leaf blade: distribution of secondary color of upper side**		
PQ	**(a)**	basal zone	-	1
		central zone	Peace Revolution	2
		apex	-	3
		margin	Inkblot	4
		along veins	-	5
		throughout	-	6
18.	**VG**	**Leaf blade: pattern of secondary color of upper side**		
PQ	**(a)**	solid	Peace Revolution	1
		flushed	-	2
		spotted	-	3
19.	**VG**	**Leaf blade: anthocyanin coloration of upper side**		
PQ	**(a)**	absent or very weak	Gelagpapla	1
		weak	Silver Fox	2
		medium	Pineapple Express	3
		strong	-	4
		very strong	Mission to Mars	5
20.	**VG**	**Leaf blade: distribution of anthocyanin coloration of upper side**		
PQ	**(a)**	basal zone	Silver Fox	1
		central zone	Mission to Mars	2
		apex	-	3
		margin	-	4
		along veins	-	5
		throughout	Dessert Dragon	6
21.	**VG**	**Leaf blade: pattern of anthocyanin coloration of upper side**		
PQ	**(a)**	solid	-	1
		flushed	-	2
		spotted	Pineapple Express	3

N°	Stage, Method	Characteristics	Examples	Note
22.	**MS/VG**	**Inflorescence: length**		
QN	**(b)**	very short	-	1
		short	-	2
		medium	Chia Nong Sensation	3
		long	CNGH	4
		very long	-	5
23.	**VG**	**Inflorescence: type**		
QL	**(b)**	single	CNGH	1
		double	Chia Nong Sensation	2
24.	**MS/VG**	**Flower: width**		
QN	**(b)**	very narrow	-	1
		narrow	CNGH	2
		medium	Chia Nong Sensation	3
		broad	-	4
		very broad	-	5
25.	**VG**	**Flower: number of color of upper side**		
QN	**(b)**	one	CNGH	1
		two	-	2
		more than two	-	3
26.	**VG**	**Petal: main color**		
PQ	**(b)**	RHS Colour Chart (indicate reference number)	-	
27.	**VG**	**Petal: secondary color**		
PQ	**(b)**	RHS Colour Chart (indicate reference number)	-	

EXPLANATIONS ON THE TABLE OF CHARACTERISTICS:

Explanations covering several characteristics

a) Observations should be made after minimum 6 months of growth in the test facility.
b) Observations should be made at full flowering and only for the species Agave tuberosa

LITERATURE:

The Cambridge Illustrated Glossary of Botanical Terms: by Michael Hickey and Clive King

Botanisch woordenboek: by Henk Eggelte

Hortica: Color cyclopedia of Garden flora in all climates and Plants Indoor: by A.B. Graf