

**REPUBLIC OF BULGARIA**

Ministry of agriculture and food

Executive agency for variety testing, field inspection and seed control

**OFFICIAL DESCRIPTION**

1. Reference number of Reporting Authority 5330/1073.2021
2. Reference number of Requesting Authority -
3. Breeder's reference Minoas
4. Applicant (name and address) APICAL AGRO SUPPLIES SA  
DIOMIDOUS 93A  
18120 KORYDALLOS, GREECE
5. (a) Botanical name of taxon *Pisum sativum* L.  
(b) UPOV code PISUM\_SAT
6. Common name of taxon Pea
7. Variety denomination Minoas
8. Date and document number of CPVO report TP/007/2 Rev.2, 15.03.2017
9. Date and/or document number of UPOV or Reporting Authority's test guidelines TG/007/10, 01.04.2009, 09.04.2014
10. Reporting Authority EAVTFISC, 125 Tsarigradsko Shosse Blvd.,  
Block 1, 1113 – Sofia, Bulgaria
11. Testing station(s) and place(s) EAFTFISC, Chepinci, Bulgaria
12. Period of testing 2021 – 2023
13. Date and place of issue of document 05.02.2024, Sofia, Bulgaria
14. Group: (if characteristics of number 15 are used for grouping, they are marked with a G in that number)

CPVO №	UPOV №	Characteristics	States of Expression	Note	Remark
1	1	Plant: anthocyanin coloration	present	9	
3	3	Stem: fasciation	absent	1	
4	4	Stem: length	medium to long	6	
5	5	Stem: number of nodes up to and including first fertile node	medium to many	6	
8	8	Leaf: leaflets	present	9	
19	20	Stipule: flecking	present	9	
24	25	Only varieties with stem fasciation absent: Plant: maximum number of flowers per node	three	5	
35	37	Pod: length	medium	5	
37	39	Pod: parchment	entire	2	
38	40	Excluding varieties with pod parchment: entire: Pod: thickened wall	absent	1	
39	41	Only varieties with pod: thickened wall: absent: Pod: shape of distal part	blunt	2	
40	42	Pod: curvature	absent or very weak	1	
41	43	Pod: colour	green	2	
45	47	Immature seed: intensity of green colour	medium to dark	6	

47	49	Seed: type of starch grains	simple	1	
50	52	Seed: colour of cotyledon	yellow	2	
51	53	Only varieties with plant anthocyanin coloration present : Seed: marbling of testa	present	9	
52	54	Only varieties with plant anthocyanin coloration present : Seed: violet or pink spots on testa	absent	1	
53	55	Seed: hilum colour	same colour as testa	1	
55	57	Seed: weight	medium	5	
56.1	58.1	Race 1			
57	59	Resistance to Erysiphe pisi Syd.			

Reference number of Reporting Authority

5330/1073.2021

## 15. Characteristics Included in the Reporting Authority's Test Guidelines

CPVO №	UPOV №		Characteristics	States of Expression	Note	Remark
1	1	G	Plant: anthocyanin coloration	present	9	
2	2		Stem: anthocyanin coloration of axil	single ring	2	
3	3	G	Stem: fasciation	absent	1	
4	4	G	Stem: length	medium to long	6	
5	5	G	Stem: number of nodes up to and including first fertile node	medium to many	6	
6	6		Foliage: colour	green	2	
7	7		Only varieties with foliage colour: green (Char.6, state 2) Foliage: intensity of colour	light	3	
8	8	G	Leaf: leaflets	present	9	
9	9		Leaf: maximum number of leaflets	few to medium	4	
10	10		Leaflet: size	small	3	
11	11		Leaflet: length	short	3	
12	12		Leaflet: width	medium	5	
13	13		Leaflet: position of broadest part	at middle or slightly towards base	1	
14	14		Leaflet: dentation	absent or very weak	1	
15	15		Stipule: length	medium to long	6	
16	16		Stipule: width	medium	5	
17	17		Stipule: size	medium to large	6	
18	18		Stipule: length from axil to tip	medium to long	6	
19	20	G	Stipule: flecking	present	9	
20	21		Stipule: density of flecking	dense	7	
21	22		Petiole: length from axil to first leaflet or tendril	medium to long	6	
22	23		Only varieties with leaflets absent: Petiole: length from axil to last tendril		na	
23	24		Time of flowering	medium to late	6	

24	25	G	Only varieties with stem fasciation absent: Plant: maximum number of flowers per node	three	5	
25	26		Only varieties with plant anthocyanin coloration present: Flower: colour of wing	reddish purple	3	
26	26		Only varieties with plant anthocyanin coloration absent: Flower: colour of standard		na	
27	28		Flower: width of standard	medium to broad	6	
28	29		Flower: shape of base of standard	level	5	
29	29		Flower: width of upper sepal	medium	5	
30	32		Flower: shape of apex of upper sepal	acute	2	
31	33		Peduncle: length of spur	short	3	
32	34		Peduncle: length from stem to first pod	short	3	
33	35		Peduncle: length between first and second pods	short	3	
34	36		Peduncle: number of bracts	absent or few	1	
35	37	G	Pod: length	medium	5	
36	38		Pod: width	narrow	3	
37	39	G	Pod: parchment	entire	2	
38	40	G	Excluding varieties with pod parchment: entire: Pod: thickened wall	absent	1	
39	41	G	Only varieties with pod: thickened wall: absent: Pod: shape of distal part	blunt	2	
40	42	G	Pod: curvature	absent or very weak	1	
41	43	G	Pod: colour	green	2	
42	44		Only varieties with pod colour green (Char. 43, state 2): intensity of green colour	medium	5	
43	45		Excluding varieties with pod parchment: entire: Pod: suture strings	absent	1	
44	46		Pod: number of ovules	medium	5	
45	47	G	Immature seed: intensity of green colour	medium to dark	6	
46	48		Seed: shape	ellipsoid	1	
47	49	G	Seed: type of starch grains	simple	1	
48	50		Only varieties with seed shape: cylindrical; and type of starch grains: simple: Seed: wrinkling of cotyledon		na	
49	51		Only varieties with seed: type of starch grains: compound: Seed: intensity of wrinkling of cotyledon		na	
50	52	G	Seed: colour of cotyledon	yellow	2	
51	53	G	Only varieties with plant anthocyanin coloration present : Seed: marbling of testa	present	9	
52	54	G	Only varieties with plant anthocyanin coloration present : Seed: violet or pink spots on testa	absent	1	
53	55	G	Seed: hilum colour	same colour as testa	1	
54	56		Only varieties with plant anthocyanin coloration present : Seed: colour of testa	reddish brown	1	
55	57	G	Seed: weight	medium	5	
56	58		Resistance to Fusarium oxysporum f. sp. pisi			

56.1	58.1	G	Race 1			
56.2	58.2		Race 5			
56.3	58.3		Race 6			
57	59	G	Resistance to Erysiphe pisi Syd.			
58	60		Resistance to Ascochyta pisi, Race C			

## 16. Similar Varieties and Differences from These Varieties

Denomination(s) of variety(ies) similar to the candidate variety	Characteristic(s) in which the candidate variety differs from the similar variety(ies) <sup>o)</sup>	State of expression of the characteristic(s) for the similar variety(ies)	State of expression of the characteristic(s) for the candidate variety
none			

- <sup>o)</sup> In the case of identical states of expression of both varieties, please indicate the size of the difference.

## 17. Additional Information

- (a) Additional Data
- (b) Photograph (if appropriate)
- (c) RHS Colour Chart version used (if appropriate)
- (d) Remarks

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