



REPUBLIC OF BULGARIA
MINISTRY OF AGRICULTURE AND FOOD

Executive Agency for Variety Testing, Approbation and Seed Control

OFFICIAL DESCRIPTION

- | | |
|---|---|
| 1. Reference number in IASAS | 5421/1098.2022 |
| 2. Requesting authority reference number | |
| 3. Name suggested by the author | Dara |
| 4. Applicant (name and address) | INSTITUTE OF VEGETABLE CROPS "MARITSA" 32 "Brezovsko Shose" Street , Plovdiv |
| 5. (a) Botanical name of the taxon | Solanum lycopersicum L. |
| (b) UPOV code | |
| 6. Common name of the taxon | Tomatoes |
| 7. Variety name | Dara |
| 8. Date and number of the CPVO record | TP/44/4, 10.01.2013, 27.02.2013 |
| 9. Date and number of the UPOV methodology or of the variety examination authority | |
| 10. Variety Testing Authority | EAVTFISC, 125 Tsarigradsko Shosse Bl. Block 1, 1113 Sofia, Bulgaria |
| 11. Experimental station(s) | Chepintsi, Plovdiv, Bulgaria |
| 12. Test period | 2022 - 2023 |
| 13. Date and place of issue of the document | EAVTFISC |
| 14. Group: (if the features in item 15 are used for grouping, they are marked with G) | |

| CPVO No. | UPOV No. | Signs | Statement | Ball | Notes |
|----------|----------|---|-------------------|------|-------|
| 2 | 2 | Plant: type of development | indeterminate | 2 | |
| 10 | 10 | Leaf: type of petiole | double-pinnate | 2 | |
| 19 | 19 | Fruit stalk: fruit stalk knee | present | 9 | |
| 21 | 21 | Fruit: green ring (before maturity) | present | 9 | |
| 25 | 25 | Fruit: green stripes (before maturity) | are absent | 1 | |
| 26 | 26 | Fruit: size | big | 7 | |
| 28 | 28 | Fruit: shape in longitudinal section | round | 3 | |
| 36 | 36 | Fruit: number of chambers | four, five or six | 4 | |
| 37 | 37 | Fruit: color at maturity | red | 5 | |
| 43 | 46 | Resistance to Meloidogyne incognita (Mi) | sensitive | 1 | |
| 44 | 47 | Resistance to Verticillium sp. (Va and Vd) – Race 0 | absent | 1 | |
| 45.1 | 48.1 | – Race 0 (ex 1) | present | 9 | |
| 45.2 | 48.2 | – Race 1 (ex 2) | absent | 1 | |
| 48.1 | 51.1 | Resistance to Tomato Mosaic Virus (ToMV) – Race 0 | absent | 1 | |

Reference number in EAVTFISC

5421/1098.2022

15. Signs that have been observed

| CPVO No. | UPOV No. | Signs | Statement | Ball | Notes |
|----------|----------|--|----------------------|------|-------|
| 1 | 1 | For seed-propagated varieties only: Sprout: anthocyanin colouration of the hypocotyl | present | 9 | |
| 2 | 2 | G Plant: type of development | indeterminate | 2 | |
| 3 | 3 | Only for determinate varieties: Plant: number of inflorescences on the main stem (side branches are removed) | | np | |
| 4 | 4 | Stem: anthocyanin staining | missing or very weak | 1 | |
| 5 | 5 | For indeterminate varieties only: Stem: internode length | medium to long | 6 | |

| | | | | | | |
|------|------|---|--|-----------------------------|---|--|
| 6 | 6 | | For indeterminate varieties only: Plant: height | short to medium | 4 | |
| 7 | 7 | | Sheet: position | horizontal to semi-reclined | 6 | |
| 8 | 8 | | Sheet: length | medium to long | 6 | |
| 9 | 9 | | Sheet: width | average | 5 | |
| 10 | 10 | G | Leaf: type of petiole | double-pinnate | 2 | |
| 11 | 11 | | Leaf: leaf size | medium to large | 6 | |
| 12 | 12 | | Leaf: intensity of green color | average | 5 | |
| 13 | 13 | | Sheet: gloss | average | 5 | |
| 14 | 14 | | Sheet: blistering | average | 5 | |
| 15 | 15 | | Leaf: position of the leaf petiole of the leaflets in relation to the main axis | semi-upright | 3 | |
| 16 | 16 | | Inflorescence: type | mostly simple | 1 | |
| 17 | 17 | | Color: coloring | yellow | 1 | |
| 18 | 18 | | Color: pistil mossiness | absent | 1 | |
| 19 | 19 | G | Fruit stalk: fruit stalk knee | present | 9 | |
| 20 | 20 | | Only for varieties with a peduncle on the fruit stalk: Fruit stalk: length | average | 5 | |
| 21 | 21 | G | Fruit: green ring (before maturity) | present | 9 | |
| 22 | 22 | | For green ring varieties only: Fruit: size of green ring (before maturity) | small | 3 | |
| 23 | 23 | | Only for varieties with a green ring: Fruit: intensity of the green colour of the ring (before maturity) | average | 5 | |
| 24 | 24 | | Fruit: green color intensity without the ring (before maturity) | bright | 3 | |
| 25 | 25 | G | Fruit: green stripes (before maturity) | are absent | 1 | |
| 26 | 26 | G | Fruit: size | big | 7 | |
| 27 | 27 | | Fruit: length/diameter ratio | average | 5 | |
| 28 | 28 | G | Fruit: shape in longitudinal section | round | 3 | |
| 29 | 29 | | Fruit: ribbing around the fruit stalk | weak | 3 | |
| 30 | 30 | | Fruit: depression on the petiole | weak to medium | 4 | |
| 31 | 31 | | Fruit: size of the scar from the stalk | average | 5 | |
| 32 | 32 | | Fruit: size of the scar from the color | average | 5 | |
| 33 | 33 | | Fruit: top shape | flat | 3 | |
| 34 | 34 | | Fruit: diameter of the core in cross section in relation to the total diameter | big | 7 | |
| 35 | 35 | | Fruit: pericarp thickness | average | 5 | |
| 36 | 36 | G | Fruit: number of chambers | four, five or six | 4 | |
| 37 | 37 | G | Fruit: color at maturity | red | 5 | |
| 38 | 38 | | Fruit: flesh color (at maturity) | pink | 4 | |
| 39 | 39 | | Fruit: shiny skin | average | 2 | |
| 40 | 41 | | Fruit: hardness | average | 5 | |
| 41 | 43 | | Flowering time | late | 7 | |
| 42 | 44 | | Time of maturity | late | 7 | |
| 43 | 46 | G | Resistance to <i>Meloidogyne incognita</i> (Mi) | sensitive | 1 | |
| 44 | 47 | G | Resistance to <i>Verticillium</i> sp. (Va and Vd) – Race 0 | absent | 1 | |
| 45 | 48 | | Resistance to <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> | | | |
| 45.1 | 48.1 | G | – Race 0 (ex 1) | present | 9 | |
| 45.2 | 48.2 | G | – Race 1 (ex 2) | absent | 1 | |
| 45.3 | 48.3 | | – Race 2 (ex 3) | | | |
| 46 | 49 | | Resistance to <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> | | | |
| 47.1 | 50.1 | | Resistance to <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Race 0 | | | |
| 47.2 | 50.2 | | – Group A | | | |
| 47.3 | 50.3 | | – Group B | | | |

| | | | | | | |
|------|------|---|--|--------|---|--|
| 47.4 | 50.4 | | – Group C | | | |
| 47.5 | 50.5 | | – Group D | | | |
| 47.6 | 50.6 | | – Group E | | | |
| 48.1 | 51.1 | G | Resistance to Tomato Mosaic Virus (ToMV) – Race 0 | absent | 1 | |
| 48.2 | 51.2 | | – Race 1 | | | |
| 48.3 | 51.3 | | – Race 2 | | | |
| 49 | 52 | | Resistance to Phytophthora infestans (Pi) | | | |
| 50 | 53 | | Resistance to Pyrenochaeta lycopersici (Pl) | | | |
| 51 | 54 | | Resistance to Stemphylium spp. | | | |
| 52 | 55 | | Resistance to Pseudomonas syringae pv. tomato (Pst) | | | |
| 53 | 56 | | Resistance to Ralstonia solanacearum (Rs) – Race 1 | | | |
| 54 | 57 | | Resistance to Tomato Yellow Leaf Curl Virus (TYLCV) | | | |
| 55 | 58 | | Resistance to Tomato Spotted Wilt Virus (TSWV) - Race 0 | | | |
| 56 | 59 | | Resistance to Leveillula taurica (Lt) | | | |
| 57 | 60 | | Resistance to Oidium neolycopersici (On) (ex Oidium lycopersicum (Ol)) | | | |
| 58 | 61 | | Resistance to Tomato torrado virus (ToTv) | | | |
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16. Similar varieties and differences from these varieties

| Name of the variety(s) similar to the candidate variety | Characteristics by which the candidate variety differs from similar variety(s) | Manifestations of the characteristics of the similar variety(s) | Manifestations of the characteristics of the candidate variety |
|---|--|---|--|
|---|--|---|--|

°) In the case of identical appearance of the two varieties, indicate the extent of the difference.

17. Additional information

- (a) Additional data
- (b) Photography (if applicable)
- (c) Version of the RHS color scale
- (d) Notes

18. Signature

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