

Technical questionnaire

Solanum tuberosum L.

Potato

Versie 2

Mandatory fields or sections are marked with an asterisk (*)

04 . Information on the breeding scheme and propagation of the variety

04.01. Origin *

1 - crossing

Indicate parent variety:

2 - mutation

Indicate parent variety:

3 - hybrid

4 - parent line

5 - other (please specify)

04.02. Method of maintenance and reproduction *

1 - vegetatively propagated (tuber)

2 - seed propagated (seed)

04.03. Should the information about parent lines of hybrid varieties including data about breeding be treated as confidential? *

1 - yes

2 - no

04.03.01. If yes, fill in the information about the parent lines and continue with question 5

Formula:

Single hybrid:

(mother) x (father)

Other type of hybrid
(threeway or fourway hybrids, fill in the
type and the formula as shown in 1)

04.03.02. If no, please fill in the hybrid formula

single hybrid:
(mother) x (father)

other type hybrid
(threeway or fourway hybrids, fill in the
type and formula as shown in 1)

05 . Characteristics

(the number in brackets refers to the corresponding characteristic in the CPVO Technical Protocol; please mark the state of expression which best corresponds).

(23) (G) 05.01. Plant: frequency of inflorescences*

- | | |
|---|-----------------------|
| <input type="checkbox"/> 1 - absent or very low | Kind Edward, Rosalind |
| <input type="checkbox"/> 2 - very low to low | |
| <input type="checkbox"/> 3 - low | Arielle |
| <input type="checkbox"/> 4 - low to medium | |
| <input type="checkbox"/> 5 - medium | Laura, Rita |
| <input type="checkbox"/> 6 - medium to high | |
| <input type="checkbox"/> 7 - high | Agria, Innovator |
| <input type="checkbox"/> 8 - high to very high | |
| <input type="checkbox"/> 9 - very high | Sibu |

(27) (G) 05.02. Flower corolla: intensity of anthocyanin colouration of inner side *

If the intensity of the anthocyanin is absent or very weak, the flower colour appears to be white

- | | |
|--|----------------------|
| <input type="checkbox"/> 1 - absent or very weak | Solist |
| <input type="checkbox"/> 2 - very weak to weak | |
| <input type="checkbox"/> 3 - weak | Laura, Priol, Secura |
| <input type="checkbox"/> 4 - weak to medium | |
| <input type="checkbox"/> 5 - medium | Osprey, Quadriga |
| <input type="checkbox"/> 6 - medium to strong | |
| <input type="checkbox"/> 7 - strong | Courage, Valfi |
| <input type="checkbox"/> 8 - strong to very strong | |
| <input type="checkbox"/> 9 - very strong | Ramona |

(28) (G) 05.03. Flower corolla: proportion of blue in anthocyanin colouration of inner side *

The colour of the flower is due to the presence of anthocyanins (dyes), which include a blue and red component.
If the proportion of the blue component is absent or very low, the flower colour appears to be red-purple.
If the proportion of the blue component is high, the flower colour appears to be blue-purple

- | | | |
|-----------------------|-------------------|------------------------|
| <input type="radio"/> | 1 - absent or low | Laura, Osprey |
| <input type="radio"/> | 2 - medium | Courage, Secrua |
| <input type="radio"/> | 3 - high | Pirol, Quadriga, Valfi |

(31) (G) 05.04. Plant: time of maturity *

- | | | |
|--------------------------|-------------------------|------------------|
| <input type="checkbox"/> | 1 - very early | Christa, Solist |
| <input type="checkbox"/> | 2 - very early to early | |
| <input type="checkbox"/> | 3 - early | Cilena, Courage |
| <input type="checkbox"/> | 4 - early to medium | |
| <input type="checkbox"/> | 5 - medium | Laura, Nicola |
| <input type="checkbox"/> | 6 - medium to late | |
| <input type="checkbox"/> | 7 - late | Avano |
| <input type="checkbox"/> | 8 - late to very late | |
| <input type="checkbox"/> | 9 - very late | Kuras, Producent |

(32) (G) 05.05. Tuber: shape *

- | | | |
|--------------------------|----------------|------------------|
| <input type="checkbox"/> | 1 - round | Kuras |
| <input type="checkbox"/> | 2 - short-oval | Courage |
| <input type="checkbox"/> | 3 - oval | Diamant, Rubesse |
| <input type="checkbox"/> | 4 - long-oval | Innovator, Linda |
| <input type="checkbox"/> | 5 - long | Spunta |
| <input type="checkbox"/> | 6 - very long | Pompadour |

(34) (G) 05.06. Tuber: colour of skin *

- | | | |
|--------------------------|------------------------|----------|
| <input type="checkbox"/> | 1 - light beige | Nadine |
| <input type="checkbox"/> | 2 - yellow | Solist |
| <input type="checkbox"/> | 3 - reddish brown | SF Balu |
| <input type="checkbox"/> | 4 - light red | Rosalind |
| <input type="checkbox"/> | 5 - medium red | Laura |
| <input type="checkbox"/> | 6 - dark red | Romanze |
| <input type="checkbox"/> | 7 - red party coloured | Cara |

- 8 - blue Valfi
- 9 - blue party coloured Catriona, Kestrel

(36) (G) 05.07. Tuber: colour of base of eye *

- 1 - white Nadine
- 2 - yellow Agria, Solist
- 3 - red Quarta, Romanze
- 4 - blue Purple Majesty

(37) (G) 05.08. Tuber: colour of flesh *

- 1 - white Kuras, Russet Burbank
- 2 - cream Désirée, Estima
- 3 - light yellow Diamant, Solist
- 4 - medium yellow Bildtstar, Quarta
- 5 - dark yellow Laura, Princess
- 6 - red Red Emmalie
- 7 - red parti-coloured Early Rose
- 8 - blue Purple Majesty
- 9 - blue party coloured Herd Laddie

06 . Similar varieties and differences from these varieties

Please note that the information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing.

06.01. Are there any similar variety(ies) known? *

- Yes
- No

06.02. Similar varieties and differences from these varieties: *

Denomination of similar variety	Characteristic in which the similar variety is different	State of expression of similar variety	State of expression of candidate variety

07 . Additional information which may help to distinguish the variety

07.01. Resistance to pests and diseases*

Yes, specify

no

07.02. Are there any special conditions for growing the variety or conducting the examination? *

1 - Yes, specify

2 - No

07.03. Other information: *

1 - Yes, specify

2 - No

07.04. Documents VCU testing

Documents to be attached