
Section 4 - Information on origin, maintenance and reproduction of the variety

In case of hybrids, please indicate the formula and answer 5.1 to 5.8 also for each component of the hybrid

4.1 Do you wish the details and data relating to components of hybrid varieties including data related to their cultivation to be treated as confidential? Yes No

If 'yes', please give this information on the separate form for confidential information.

If 'no', please give information on data relating to the components of hybrid varieties including data related to their cultivation.

Breeding scheme (indicate female component first)

4.2 Origin

(a) Seedling (indicate parent varieties)

(b) Mutation (indicate parent variety)

(c) Discovery (indicate where, when and how the variety has been developed)

(d) Other (please specify)

4.3 Method of propagation

(a) Cuttings

(b) *In vitro* propagation

(c) Seed

(d) Other (please specify)

4.4 Other information

In the case of seed propagated varieties: method of production:

(a) Self-pollinated

(b) Cross-pollinated (please give details)

(c) Hybrid (please give details)

4.5 Managing the risk of adventitious GM presence

(a) The region and the country in which the variety was bred or discovered and developed

(b) Country of origin of the seed of the candidate variety

(c) Are you currently a participant in the voluntary AGMP risk audit programme run by the GM Inspectorate for England on behalf of Defra? Yes No

If 'No' please provide an assessment of your company's quality assurance measures with respect to adventitious GM presence in conventional seed

Section 5 – Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in the UPOV Test Guideline; please mark the state of expression which best corresponds).

Characteristic	Example varieties	Note
5.1 Seed: Erucic acid (1)		
Present	Rex (w)	% <input type="text"/> 1 <input type="checkbox"/>
Absent	Nokonova (s), Perko PVH (w)	9 <input type="checkbox"/>
5.2 Ploidy (2)		
Diploid	Nokonova (s), Rex (w)	2 <input type="checkbox"/>
Tetraploid	Perko PVH (w)	4 <input type="checkbox"/>
5.3 Leaf: type (8)		
Entire	Chicon (w)	1 <input type="checkbox"/>
Lobed	Kove (s), Perko PVH (w)	2 <input type="checkbox"/>
5.4 Time of Flowering: in year of sowing if spring sown (50% of plants with at least one open flower) (16)		
Very early	Hymac	1 <input type="checkbox"/>
Early	Agena	3 <input type="checkbox"/>
Medium	Kova	5 <input type="checkbox"/>
Late	Munro	7 <input type="checkbox"/>
Very Late	Nokonova	9 <input type="checkbox"/>
5.5 Time of Flowering: in year of sowing if autumn sown (50% of plants with at least one open flower) (16)		
Very early	Primax	1 <input type="checkbox"/>
Early		3 <input type="checkbox"/>
Medium	Rex	5 <input type="checkbox"/>
Late		7 <input type="checkbox"/>
Very Late	Triton	9 <input type="checkbox"/>

**5.6 Flower: colour of petal
(17)**

Lemon yellow

Kultra (s), Perko PVH (w)

1

Orange yellow

2

**5.7 Flower: production of pollen
(20)**

Absent

MDA 1803

1

Present

Kova

9

**5.8 Plant: total length including side branches
(21)**

Short

3

Medium

Kulta

5

Long

Harmoni

7

(s) = Spring sown, (w) = Winter sown

Section 6 – Similar varieties and differences from these varieties:

Denomination of similar variety	Characteristic in which the similar variety is different ¹	State of expression of similar variety	State of expression of candidate variety

¹ In the case of identical states of expression of both varieties, please indicate the size of the difference.

Section 7 – Additional information which may help to distinguish the variety

7.1 Resistance to pests and diseases

7.2 Special conditions for the examination of the variety

Yes, please specify

No

If it is agreed to carry out a special DUS test an appropriate charge will be levied

7.3 Other information

Yes, please specify

No

Section 8 - GMO and other Novel types

Does this application relate to a Genetically Modified Organism as defined in Section 106 of the Environmental Protection Act 1990?

Yes

No

If "Yes" you must complete form PVS9/B Genetically Modified and other Novel Candidates.

Section 9 - Information on plant material to be examined

9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides).

9.2 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:

- | | | |
|---|------------------------------|-----------------------------|
| (a) Micro-organisms (eg virus, bacteria, phytoplasma) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (b) Chemical treatment (eg growth retardant or pesticide) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (c) Tissue culture | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (d) Other factors | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Please provide details of where you have indicated "Yes"

Section 10 - Value for Cultivation and use (VCU) information (for NL purposes only)**10.1 Standard VCU characters and agreed optional characters**

The obligatory VCU characters measured for all candidates are shown in bold in the VCU procedures at <https://www.gov.uk/guidance/vcu-protocols-and-procedures-for-testing-agricultural-crops>, or are available from the Animal and Plant Health Agency (APHA). Agreed procedures exist for some optional characters (shown in italics in the VCU procedures). If you wish any of these to be assessed, you must request that they be measured. Additional fees will be charged by the trial organiser.

Do you wish any optional characters to be measured? Yes No

If 'Yes' please give details

10.2 Additional VCU characters

Are there any non-standard characters to be measured? Yes No

If 'Yes' please provide details of the proposed test to APHA. The characteristic being tested for must have Value for Cultivation and Use. The test must be able to demonstrate whether the candidate has the characteristic and be statistically valid. The agreement of the UK National Authorities is required before special tests can be undertaken and additional fees will be charged.

10.3 Other factors for VCU assessment

Are there any other factors that should be taken into account for the VCU assessment (e.g. susceptibility to commercial herbicides, special uses, agronomic characteristics, pest/disease resistance)? Yes No

If 'Yes' please give details

Declaration

I/We declare that to the best of my/our knowledge and belief the statements made in this Technical Questionnaire are correct

Signature of Applicant

Date

(original signature unless emailed)

Name in BLOCK letters

For and on behalf of