



Official Use Only	
Ref.	AFP <input type="text" value="4"/> / <input type="text"/>
GM	Yes <input type="checkbox"/> No <input type="checkbox"/>
Other Restrictions	Yes <input type="checkbox"/> No <input type="checkbox"/>

Technical Questionnaire (POTATO)

Plant Varieties Act 1997 and
 The Seeds (National Lists of Varieties) Regulations 2001 (as amended)

Please note:

- The completed TQ and the application will form part of the public record for this variety
- The seed submitted for DUS in the first year will be regarded as the definitive stock
- All relative sections of this form **must** be completed. An incomplete form may result in a delay in processing the application
- Completed forms should be e-mailed to NLPBR-Applications@apha.gsi.gov.uk
- Alternatively forms may be sent to:

The Animal and Plant Health Agency, Eastbrook, Shaftesbury Road, Cambridge, CB2 8DR
Telephone 0208 026 5993.

Section 1 - Application Details

(a) National Listing (NL) Plant Breeders' Rights (PBR) Parental Line (PL)

(b) Species: Latin name ***Solanum tuberosum* L.**

(c) Maturity class:

First early <input type="checkbox"/>	Second Early <input type="checkbox"/>
Early maincrop <input type="checkbox"/>	Maincrop <input type="checkbox"/>
Late maincrop <input type="checkbox"/>	

(d) Please give details of applications already made or to be made in any other countries

Country	Date	Application No.	NL	PBR	Variety name or Breeders' reference

(e) Has an application for European Community Plant Breeders' Rights (ECPBR) been made?.....Yes No

If 'Yes', Please state date of application

Section 2 - Applicant details

(a) Name and address of applicant for

• National Listing:

• Plant Breeders' Rights (if different)

Name and address of breeder:

Name and address for correspondence:

Is the address for:

• service or

• agent

An agent is authorised to act for the applicant on all aspects of an application, including instructions to withdraw applications, delete from a National List or surrender Plant Breeders' Rights

Characteristic	Example varieties	Note
5.2 Flower corolla: intensity of anthocyanin colouration of inner side (28)		
Absent or very weak	Grata	1 <input type="checkbox"/>
Weak	Secura	3 <input type="checkbox"/>
Medium	Ponto	5 <input type="checkbox"/>
Strong	Artana, Pomeroy	7 <input type="checkbox"/>
Very strong	Sibu	9 <input type="checkbox"/>
5.3 Flower corolla: proportion of blue in anthocyanin colouration of inner side (29)		
Absent or low	Granola	1 <input type="checkbox"/>
Medium	Pamina	2 <input type="checkbox"/>
High	Rocket	3 <input type="checkbox"/>
5.4 Plant: time of maturity (31)		
Very early	Christa	1 <input type="checkbox"/>
Early	Cilena	3 <input type="checkbox"/>
Medium	Nicola	5 <input type="checkbox"/>
Late	Aula	7 <input type="checkbox"/>
Very late	Producent	9 <input type="checkbox"/>
5.5 Tuber: shape (32)		
Round	Granta	1 <input type="checkbox"/>
Short-oval	Aula	2 <input type="checkbox"/>
Oval	Diamant	3 <input type="checkbox"/>
Long-oval	Linda	4 <input type="checkbox"/>
Long	Spunta	5 <input type="checkbox"/>
Very long	Pompadour	6 <input type="checkbox"/>
5.6 Tuber: colour of skin (34)		
Light beige	Nadine	1 <input type="checkbox"/>
Yellow	Agria, Quarta	2 <input type="checkbox"/>
Red	Désirée	3 <input type="checkbox"/>
Red parti-coloured	Cara	4 <input type="checkbox"/>
Blue	Vitelotte Noir	5 <input type="checkbox"/>
Blue parti-coloured	Catriona	6 <input type="checkbox"/>
Reddish brown	Umatilla Russet	7 <input type="checkbox"/>

Characteristic	Example varieties	Note
5.7 Tuber: colour of base of eye (35)		
White	Nadine	1 <input type="checkbox"/>
Yellow	Agria	2 <input type="checkbox"/>
Red	Quarta	3 <input type="checkbox"/>
Blue	Vitelotte Noir	4 <input type="checkbox"/>

5.8 Tuber: colour of flesh (36)		
White	Russet Burbank	1 <input type="checkbox"/>
Cream	Désirée, Estima	2 <input type="checkbox"/>
Light yellow	Diamant	3 <input type="checkbox"/>
Medium yellow	Bildstar, Quarta	4 <input type="checkbox"/>
Dark Yellow	Princess	5 <input type="checkbox"/>
Red	Red salad	6 <input type="checkbox"/>
Red parti-coloured	Early Rose	7 <input type="checkbox"/>
Blue	Vitelotte Noir	8 <input type="checkbox"/>
Blue parti-coloured	Herd laddie	9 <input type="checkbox"/>

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 No
- (b) Chemical treatment (eg growth retardant or pesticide) Yes No
- (c) Tissue culture Yes No
- (d) Other factors Yes No

Please provide details of where you have indicated "Yes"

Section 10 - Value for Cultivation and Use (VCU) information (for NL purposes only)

10.1 VCU usage

Please indicate if you wish a special test to be conducted to confirm the potential for

French frying Crisping Baking

An additional charge will be made for these tests.

Give details of any specific speciality use:

10.2 - Reaction to pests and diseases

Where information is available the appropriate species in the following table should be marked with a tick or the level of resistance indicated on a 1-9 scale (1 = highly susceptible, 9 = highly resistant)

Disease or virus	Immune or Field-immune	Resistance				Assessment by		Authority
		Resistant	Intermediate	Susceptible	Control variety (name and score)	Specific Test	Field Observed	
PVA								
PVY ^N								
PVY ^O								
Leaf roll								
Foliage Late Blight								
Tuber late Blight								
Dry rot (<i>F. coeruleum</i>)								
Dry rot (<i>F. sulphureum</i>)								
Common Scab								
Powdery Scab								
Blackleg								
<i>Globodera rostochiensis</i> Ro1								
<i>G. Pallida</i> Pa1								
<i>G. Pallida</i> Pa2/3								
External damage								
Internal Damage								

10.3 Additional VCU characters

Are there any non-standard characters to be measured?

Yes No

If **'Yes'** please provide details of the proposed test to the Animal and Plant Health Agency (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.

10.4 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
