

The Animal and Plant Health Agency Scottish Government Welsh Government Department of Agriculture and Rural Development

Technical Questionnaire (LINSEED)

Plant Varieties Act 1997 and

The Seeds (National Lists of Varieties) Regulations 2001 (as amended)

(Official Use Only	
Ref. AFP	71 /	
GM	Yes	No
Other Restrictions	Yes	No

D	lease	noto	
\mathbf{r}	ease	noie	

- 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	s' Righ	nts (PB	R)	Parental Line (PL)
(b)	Species: Latin name	Linum usi	tatissimum L.				<u>—</u>
(c)	Common name (incl.	season)					
(d)	Please give details of applications already made or to be made in any other countries						
	Country	Date	Application No.	NL	PBR	Variety name	e or Breeders' reference
(e)	Has an application for E	uropean Comn	nunity Plant Breeder	s' Right	ts (ECP	BR) been made	e?Yes No
		If 'Yes', F	Please state date o	of applic	cation		
Sect (a)	ion 2 – Applicant deta Name and address of a • National Listing:						
	 Plant Breeders' R (if different) 	ights					
	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							
	Section 3 - Variety denomination						
(a)	Where appropriate prop		ty denomination				
(b)	Provisional designation	n (breeder's n	ame/reference)		ı		
()		(2.2323.31)					

Sect	ion 4 - Information on origin, maintenance and reproduction of the variety
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? 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)
(b)	Twittation (indicate parent variety)
(c)	Discovery (indicate where, when and how the variety has been developed)
(d)	Other (please specify)
4.3	Method of propagation
4.3 (a)	Method of propagation Cuttings
(a)	Cuttings
(a) (b)	Cuttings In vitro propagation
(a) (b) (c)	Cuttings In vitro propagation Seed
(a) (b) (c)	Cuttings In vitro propagation Seed
(a) (b) (c) (d)	Cuttings In vitro propagation Seed Other (please specify). Other information
(a) (b) (c) (d)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production:
(a) (b) (c) (d) 4.4 (a)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production: Self-pollinated
(a) (b) (c) (d) 4.4 (a)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production: Self-pollinated
(a) (b) (c) (d) 4.4 (a) (b)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production: Self-pollinated Cross-pollinated (please give details)
(a) (b) (c) (d) 4.4 (a) (b)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production: Self-pollinated Cross-pollinated (please give details)
(a) (b) (c) (d) 4.4 (a) (b)	Cuttings In vitro propagation Seed Other (please specify). Other information In the case of seed propagated varieties: method of production: Self-pollinated Cross-pollinated (please give details) Hybrid (please give details) Geographical origin of the variety: the region and the country in which the variety was bred or discovered

Section 5 – Characteristics of the variety to be indicated (the number in brackets refers to the corresponding						
	characteristic in the CPVO Protocol; please mark the state of expression which best corresponds).					
E 1	Characteristic	Example	varieties	Note		
5.1 (10)	Petal: colour of corolla (when fully developed) LT = Varieties with long to very long stem length and brown seed colour, ST = varieties with a very short or medium stem length					
	White	Belinda (LT)	, Laser (ST)	1		
	Pink			2		
	Red-violet	Adelie (LT),	Olinette (ST)	3		
	Violet	Viola (LT), Hung	arian Gold (ST)	4		
	Blue-violet	Hermes (LT),	Niagara (ST)	5		
	Medium blue	Escalina (LT),	Barbara (ST)	6		
	Pale blue	Melina (LT),	Biltstar (ST)	7		
5.2 (14)	Boll: ciliation of false sep	ta				
	Absent	Escalina (LT), Laser (ST)	1		
	Present	Mikael (ST),	Baikal (ST)	9		
5.3 (19)	Stem: length from cotyle	don up to first branch				
(13)	Very short			1		
	Short			3		
	Medium			5		
	Long			7		
	Very long			9		
5.4 (22)	Seed: colour					
` ,	Green			1		
	Yellow	Winderm	Windermere (ST)			
	Brown	Escalina (LT	, Oliver (ST)	3		
5.5	Main use					
	Fibre					
	Oil					
	Fibre and Oil					
Sect	ion 6 – Similar varieties ar	nd 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.

Sect 7.1	Section 7 – Additional information which may help to distinguish the variety 1.1 Resistance to pests and diseases				
/.1	resistance to pests and diseases				
7.2	Special conditions for the examination of the variety				
	Yes, please specify				
ľ					
	No				
	If it is agreed to carry out a special D	OUS test an appropriate	charge will be levied		
7.3	Other information				
	Yes, please specify				
	No				
	No				
Sect	ion 8 - GMO and other Novel types Does this application relate to a Gen		sm as defined in Section 106	of the	
	Environmental Protection Act 1990?		Yes Yes	No No	
	If "Yes" you must complete form PV	S9/B Genetically Modifie			
Sect	ion 9 - Information on plant materia			·	
9.1	The expression of a characteristic or	several characteristics		y factors, such as	
	pests and disease, chemical treatme	ent (e.g. growth retardan	its or pesticides).		
9.2	The plant material should not have u				
	characteristics of the variety, unless material has undergone such treatm				
	indicate below, to the best of your kr				
	(a) Micro-organisms (eg virus, bacte	ria, phytoplasma)	Yes	No	
	(b) Chemical treatment (eg growth re	etardant or pesticide)	Yes	No No	
		, , , , , , , , , , , , , , , , , , , ,	V		
	(c) Tissue culture		Yes	No	
	(d) Other factors		Yes	No	
ĺ	Please provide details of where you	have indicated "Yes"		1	
Sect 10.1	ion 10 - Value for Cultivation and u Standard VCU characters and ag				
	The obligatory VCU characters meas	ured for all candidates a	re shown in bold in the VCU pro		
	https://www.gov.uk/guidance/vcu-prothe Animal and Plant Health Agency (
	italics in the VCU procedures). If you				
	measured. Additional fees will be ch		iser.		
	Do you wish any optional characters	to be measured?	Yes	No	
ſ	If 'Yes' please give details				
Į					

10.2 Additional VCU characters							
Are there any non-standard characters to be measured?	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	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)?	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							