想	The Animal and Plant Health Agency				Official Use Only		
	mal & Scottish Gove Welsh Gover						
2.077	Plant Health Agency Department of Agriculture and Rural Development					Ref. AFP 75 /	
Те	Technical Questionnaire (LUPIN)						GM Yes No
Plar	nt Varieties Act 1997	and		•			Other
The	The Seeds (National Lists of Varieties) Regulations 2001 (as amended)						d) Restrictions Yes No
 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 <u>NLPBR-Applications@apha.gsi.gov.uk</u> Alternatively forms may be sent to: The Animal and Plant Health Agency, Eastbrook, Shaftesbury Road, Cambridge, CB2 8DR Telephone 0208 026 5993. 							
	tion 1 - Application D						
(a)	National Listing (NL			Plant Breede	rs' Riç	jnts (PE	BR) Parental Line (PL)
(b)	Species: Latin name Lupinus albus L						
	Lupinus angustifolius L.						
	Lupinus Luteus L						
(C)	Common name (incl. season)						
(d)	Please give details of a	1	ons alrea				
	Country	Date		Application No.	NL	PBR	Variety name or Breeders' reference
(e)	Has an application for I	Europea	n Comn	nunity Plant Breeder	s' Righ	ts (ECPI	BR) been made?Yes No
		lf	' Yes ', F	Please state date o	of appli	cation	
	tion 2 – Applicant de						
(a)	Name and address of aNational Listing:	applicar	nt for				
	• National Listing.						
	 Plant Breeders' F (if different) 	Rights					
	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

Sect	Section 3 - Variety denomination					
(a)	Where appropriate proposal for a variety denomination					
(b)	Provisional designation (breeder's name/reference)					
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? Yes No					
	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)					
4.5						
(b)	Mutation (indicate parent variety)					
(C)	Discovery (indicate where, when and how the variety has been developed)					
(-1)						
(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	Geographical origin of the variety: the region and the country in which the variety was bred or discovered					
ч.5	and developed					

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 (1)	Grain: bitter principle				
	Absent	Nelly (Lal), Bodako (Lan),Borselfa (Llu)	1		
	Present	Feli (Lal), Azuro (Lan), Trebisa (Llu)	9		
5.2 (4)	Stem: anthocyanin colouration prior to bud emergence				
	Absent or very weak	Minori (Lal), Bolivio (Lan)	1		
	Weak	Juno (Llu)	3		
	Medium	Nelly (Lal), Boltensia (Lan)	5		
	Strong	Sonet (Lan)	7		
5.3 (5)	Time of flowering	of variety as well as two well known comparable vari	eties)		
(0)		Comparable varietie			
	Candidate variety				
5.4	Flower: colour of wings				
(7)	-				
	White	Minori (Lal)	1		
	Bluish white	Nelly (Lal)	2		
	Blue	Azuro (Lan)	3		
	Violet	Bodako (Lan)	4		
	Pink	Rubine (Lan)	5		
	Light yellow	Teo (Llu)	6		
	Dark yellow	Juno (Llu)	7		
5.5 (11)	Plant: growth type				
	Determinate	Borweta (Lan), Borselfa (Llu)	1		
	Indeterminate	Nelly (Lal), Azuro (Lan), Juno (Llu) 9			
Sect	tion 6 – Similar varieties ar	the differences from these varieties: Characteristic in which the State of expression of	Ctoto of overcooice of		
	similar variety	Characteristic in which the similar variety is different1State of expression of similar variety	State of expression of candidate variety		
Sect		ates of expression of both varieties, please indicate the s	SIZE OF THE DIFFERENCE.		
7.1		on 7 – Additional information which may help to distinguish the variety Resistance to pests and diseases			

7.2	7.2 Special conditions for the examination of the variety				
	Yes, please specify				
1					
	No			levied.	
7.3	If it is agreed to carry out a special D Other information	JUS test an appropriate cr	arge will be	levied	
7.5	Yes, please specify				
l					
	No				
Sect	ion 8 - GMO and other Novel types				
	Does this application relate to a Ger Environmental Protection Act 1990?		n as defined Yes	in Section 106 of the No	
	If "Yes" you must complete form PV				
Sect	ion 9 - Information on plant materia	•			
9.1	The expression of a characteristic of pests and disease, chemical treatment				S
9.2	The plant material should not have u characteristics of the variety, unless	the competent authorities	allow or req	uest such treatment. If the plan	t
	material has undergone such treatm indicate below, to the best of your kr				
	(a) Micro-organisms (eg virus, bacte	- ·	Yes	No	
	(b) Chemical treatment (eg growth re		Yes	No	
				NO	
	(c) Tissue culture		Yes	No	
	(d) Other factors		Yes	No	
1	Please provide details of where you	have indicated "Yes"			
Sect 10.1	ion 10 - Value for Cultivation and u Standard VCU characters and ag			ses only)	
	The obligatory VCU characters meas	sured for all candidates are	shown in bol		
	https://www.gov.uk/guidance/vcu-pro from the Animal and Plant Health Age				
	(shown in italics in the VCU procedur	es). If you wish any of these	e to be asses		
	be measured. Additional fees will be	• • •		N L-	
	Do you wish any optional characters	; to be measured?	Yes	No	
Ι	If ' Yes' please give details				

10.2 Additional VCU cha	racters					
Are there any non-s	tandard characters to be measured?	Yes No				
Cultivation and Use. statistically valid. The	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 fa	actors that should be taken into account for the VCU asse	essment (e.g. susceptibility to commercial				
herbicides, special us	herbicides, special uses, agronomic characteristics, pest/disease resistance)? Yes No					
If 'Yes' please give	If 'Yes' please give details					
Declaration						
	t of my/our knowledge and belief the statements made in t	this Technical Questionnaire are correct				
Signature of Applicant		Date				
E	(original signature unless emailed)					
Name in BLOCK letters						
For and on behalf of						