

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

## **Technical Questionnaire (RYE)**

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

Official Use Only						
Ref. Al	P 43 /					
GM	Yes No					
Other Restrictions	Yes No					

- 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 <a href="mailed-number-Applications@apha.gsi.gov.uk">NLPBR-Applications@apha.gsi.gov.uk</a>

<ul> <li>Alternatively forms may be sent to:</li> <li>The Animal and Plant Health Agency, Eastbrook, Shaftesbury Road, Cambridge, CB2 8DR</li> <li>Telephone 0208 026 5993.</li> </ul>									
Sect	ion 1 - Application Detai	nils							
(a)	National Listing (NL)		Plant Breeders	s' Rigl	nts (PB	R)	Parental Line	(PL)	
(b)	Species: Latin name	Secale cer	eale L.				_		
(c)	Common name (incl. sea	ason)							
(d)									
	Country Da	ate	Application No.	NL	PBR	Variety nam	e or Breeders' re	eference	
(e)	Has an application for Euro	opean Comm	unity Plant Breeder	s' Righ	ts (ECP	BR) been mad	le?Yes	No	
( )	••	•	lease state date o	•	`	,			
01	ion O. Annlinout dataile			паррп	oation				
<b>Sect</b> (a)	ion 2 – Applicant details  Name and address of appl								
(- /	National Listing:								
	DI (D. 1.15)	,							
	<ul> <li>Plant Breeders' Righ (if different)</li> </ul>	nts							
	(ii diiioront)								
	Name and address								
	of breeder:								
	Name and address for								
	correspondence: Is the address for:								
	• service or								
۸	agent	41			_4: :	ali ralia ar la atau ra	-ti titll	!:!:	
	gent is authorised to act for t te from a National List or s				ation, in	cluding instruc	ctions to withdraw	applications,	
Sect	ion 3 - Variety denomina	ation							
(a)	Where appropriate proposa	al for a variet	y denomination						
(b)	Provisional designation (	(breeder's na	ame/reference)	•					
			,						

Sect	tion 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 their cultivation.  Breeding scheme (indicate female component first)	l to
4.2	Type of material	
	(a) Parental line	
	(b) Single hybrid	
	(c) Three-way hybrid	
	(d) Double hybrid	
	(e) Topcross hybrid	
	(f) Open pollinating variety	
	(g) Other (please indicate formula)	
4.3	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)	
4.4	Method of propagation	
(a)	Cuttings	
(b)	In vitro propagation	
(c)	Seed	
(d)	Other (please specify)	
4.5	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)	
		-

4.6	Geographical origin of the variet	ty: the region and the country in which th	ne variety was hred or discovered
7.0	and developed	y. the region and the country in which the	to variety was brea or discovered
		y to be indicated (the number in brackets se mark the state of expression which be	
	Characteristic	Example varieties	Note
5.1 (22)	Seasonal type		
` ,	Winter type	Farino	1
	Alternative type		2
	Spring type	Sorom	3
5.2 (1)	Ploidy		
` ,	Diploid	Farino, Sorom	2
	Tetraploid	Tero	4
5.3 (3)	Coleoptile: anthocyanin coloura	tion	
(0)	Absent or very weak		1
	Weak		3
	Medium		5
	Strong	Calypso, Sorom	7
	Very strong		9
5.4 (9)	Time of ear emergence		
` ,	Very early		1
	Early	Danko	3
	Medium	Farino, Sorom	5
	Late		7
	Very late		9
5.5 (13)	Stem: hairiness below ear		
` ,	Absent or very weak	Halo, Sorom	1
	Weak	Uso, Petka	3
	Medium		5
	Strong		7
	Very strong		9

	Characteristic	Exa	mple	varieties		Note		
5.6	Plant: length (stem, ear a							
(14)	Vancabant				4			
	Very short				1			
	Short		Caly	/pso	3			
	Medium		Sor	rom	5			
	Long		Prote	ector	7			
	Very Long				9			
Sect	ion 6 – Similar varieties ar							
	Denomination of similar variety	Characteristic in which similar variety is different		State of expression of similar variety	St	ate of expression of candidate variety		
	ontinal variety	on mar variety is amore	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	on mar variety		candidate variety		
	In the case of identical sta	ites of expression of bo	oth va	rieties, please indicate the s	ize of	the difference.		
	ion 7 – Additional informa		o dis	tinguish the variety				
7.1	1 Resistance to pests and diseases							
7.2	2.2 Special conditions for the examination of the variety							
	Yes, please specify							
ſ								
	No							
	If it is agreed to carry out a special DUS test an appropriate charge will be levied							
7.3	Other information					1		
	Yes, please specify							
ſ								
	No							
Sect	ion 8 - GMO and other Nov							
	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 Genetica	ally M	odified and other Novel Can	didate	S.		

Sect		on plant material to be examined						
9.1		a characteristic or several characteristics			factors, such as	S		
	pests and disease,	chemical treatment (e.g. growth retarda	nts or pesticid	es).				
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-organism	s (eg virus, bacteria, phytoplasma)	Yes		No			
	(b) Chemical treatn	nent (eg growth retardant or pesticide)	Yes		No			
	(c) Tissue culture		Yes		No			
	(d) Other factors		Yes		No			
i	Please provide deta	ails of where you have indicated "Yes"						
		Cultivation and use (VCU) information		oses only)				
10.1	The obligatory VCU https://www.gov.uk from the Animal and (shown in italics in t	naracters and agreed optional charact characters measured for all candidates a /guidance/vcu-protocols-and-procedures I Plant Health Agency APHA). Agreed pro the VCU procedures). If you wish any of the nal fees will be charged by the trial organ	re shown in bo <u>-for-testing-ag</u> ocedures exist ese to be asse	ricultural-crops, or for some optional o	are available characters	oe		
	Do you wish any op	otional characters to be measured?	Yes		No			
	If 'Yes' please give details							
10.2	Additional VCU cha	aracters		7	ı			
	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	10.3 Other factors for VCU assessment							
	Are there any other factors that should be taken into account for the VCU assessment (eg susceptibility to commercial herbicides, special uses, agronomic characteristics, pest/disease resistance)?							
	If 'Vas' places give	Yes	No					
	If 'Yes' please give	: ucialis						
	<b>aration</b> declare that to the bes	st of my/our knowledge and belief the statem	ents made in th	nis Technical Questi	onnaire are corre	ect		
Sign	ature of Applicant			Date				
		(original signature unless	emailed)					
Nam	e in BLOCK letters							
Cor.	and on behalf of							