

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

## **Technical Questionnaire (WHEAT)**

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

	Official Use Only	
Ref. AFP	1 /	
GM	Yes	No
Other Restrictions	Yes	No

D	lease	noto
М	lease	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

<ul><li>Co</li><li>Alt</li><li>The</li></ul>	ompleted forms should be ternatively forms may be Animal and Plant Health	e e-mailed sent to:	to NLPBR-Application	ions@a	apha.gc	v.uk	Processing the application
	phone 0208 026 5993.	4 "1					
	tion 1 – Application De		Diam's Davidson	. Diek	(- /DDF	,	(DL)
(a)	National Listing (NL)		Plant Breeders	' Righ	ts (PBF	r) Par	ental Line (PL)
(b)	Species: Latin name		m aestivum L.				٦
(c)	Common name (incl. s	,					
(d)	Please give details of ap Country	oplications a Date	Application No.	made ii NL	n any otr PBR		Breeders' reference
	Country	Date	Application 140.	INL	1 DIX	variety harrie of E	orecuers reference
ļ							
(e)	Has an application for E	uropean Co	mmunity Plant Breed	ers' Rig	hts (EC	PBR) been made?	Yes No
		If 'Yes',	Please state date of	of appli	cation		
Sect	ion 2 – Applicant deta	ails					
(a)	Name and address of a	pplicant for					
	National Listing:						
	Plant Breeders' Ri	ights					
	(if different)						
	Name and address						
	Name and address of breeder:						
	or prooder.						
	Name and address for						
	correspondence:						
	Is the address for:						
	service	or					
	• agent						
	gent is authorised to act for						s to withdraw
- ' '	ications, delete from a N		st or surrender Plan	Breed	iers Rig	jnis	
Seci	tion 3 - Variety denom Where appropriate prop		riety denomination				
(4)							
(1.)	Description of the state of	- /l- · · · · ·					
(b)	Provisional designatio	n (breeder)	s name/reterence)	<u> </u>	<del>                                     </del>		

Sect	ion 4 - Information on origin, mainten		•	
4.1	Do you wish the details and data related to their cultivation of 'yes', please give this information on If 'no', please give information on data their cultivation.  Breeding scheme (indicate female communication)	ation to be treated as confidential? the separate form for confidential inf relating to the components of hybrid	? Yes No _ ormation.	to
	breeding scheme (indicate female con	iponent mat)		
4.2	Origin			
(a)	Seedling (indicate parent varieties)			
` /	,		L	
			Г	
(b)	Mutation (indicate parent variety)			
(c)	Discovery (indicate where, when and how	the variety has been developed)		
			L	
( 1)				
(d)	Other (please specify)			
4.3	Method of propagation		Г	
(a)	Cuttings			
(b)	In vitro propagation			
(c)	Seed			
(d)	Other (please specify)			
4.4	Other information			
	In the case of seed propagated varieties: m	nethod of production:	Γ	
(a)	Self-pollinated			
(b)	Cross-pollinated (please give details)			
(c)	Hybrid (please give details)			
(0)	Tryona (picaco give detaile)		L	
4.5				
4.5	<b>Geographical origin of the variety:</b> the and developed	ne region and the country in which th	e variety was bred or discovered	ג
	·			
Soct	ion 5 – Characteristics of the variety to	ho indicated (the number in brackets	rofors to the corresponding	
	acteristic in the CPVO Protocol; please m	nark the state of expression which be	est corresponds).	
F 4	Characteristic	Example varieties	Note	
5.1 (27)	Seasonal type			
<b></b> /	Winter type	Solehio	1	
	Alternative type	Buteo	2	
	Spring type	Lennox	3	
	Opining type	LEIIIOX	3	

Time of ear emergence (first spikelet visible on 50% of ears)  (quote mean date of heading of variety as well as two well known comparable varieties  Candidate variety  5.3 Plant: length (stem, ear and awns) (quote length of variety as well as two well known comparable varieties)  Candidate variety  Comparable varieties  Candidate variety  Comparable varieties  Candidate variety  Comparable varieties  Candidate variety  Comparable varieties  1	
Candidate variety	
S.3   Plant: length (stem, ear and awns) (quote length of variety as well as two well known comparable varieties)	
Comparable varieties   Comparable varieties   Comparable varieties	
Comparable varieties   Comparable varieties   Comparable varieties	
Candidate variety  5.4 Straw: pith in cross sections (halfway between base of ear and stem node below) Thin FD 1 24, SY Moisson 1 Medium Granary, Vulcanus 2 Thick or filled Olivart, Synchro 3 Variable within plant 4  5.5 Ear: colour (19) White Granary, Solehio 1 Coloured Bastian, Sertori 2  Absent Triso, Soissons 1 Present Galera, Franz 9  5.7 Ear: scurs or awns (17) Both absent Gorda 1 Scurs present Granary, Apache 2 Awns present Sensas, Solehio 3  Section 6 – Similar varieties and differences from these varieties:	
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Coloured   Coloured   Bastian, Sertori   Coloured   Bastian, Sertori   Coloured   Bastian, Sertori   Coloured   Coloure	
Thin FD 1 24, SY Moisson 1	
Medium         Granary, Vulcanus         2           Thick or filled         Olivart, Synchro         3           Variable within plant         4           5.5 (19)         Ear: colour           White         Granary, Solehio         1           Coloured         Bastian, Sertori         2           5.6 (12)         Lower glume: hairiness on external surface           Absent         Triso, Soissons         1           Present         Galera, Franz         9           5.7 (17)         Ear: scurs or awns           (17)         Both absent         Gorda         1           Scurs present         Granary, Apache         2           Awns present         Sensas, Solehio         3    Section 6 - Similar varieties and differences from these varieties:	
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Demonstration of Observation in the Otate of community of Otate of community of	
Denomination of Characteristic in which the State of expression of similar variety similar variety State of expression of similar variety similar variety candidate variety	
1 by the come of identical states of expression of both varieties, places indicate the size of the difference	
<sup>1</sup> 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				
Sect	ion 8 - GMO and other Novel types				
<b>36</b> 01	Does this application relate to a Ger Environmental Protection Act 1990?	netically Modified Organi	sm as defined in Se	ction 106 of the	
	If "Yes" you must complete form PV		d and other Novel (	Candidates.	_
Sect 9.1	tion 9 - Information on plant materi The expression of a characteristic o as pests and disease, chemical trea	r several characteristics			
9.2	The plant material should not have characteristics of the variety, unless material has undergone such treatmindicate below, to the best of your k	undergone any treatmen the competent authorition nent, full details of the tre	t which would affect es allow or request s atment must be giv	the expression of the such treatment. If the plant en. In this respect, please	_
	(a) Micro-organisms (eg virus, bacte	eria, phytoplasma)	Yes	No	
	(b) Chemical treatment (eg growth r	etardant or pesticide)	Yes	No	
	(c) Tissue culture		Yes	No	
	(d) Other factors		Yes	No	
	Please provide details of where you	have indicated "Yes"			7
		0/010			
10.1	Standard VCU characters and ago The obligatory VCU characters measure https://www.gov.uk/guidance/vcu-pr the Animal and Plant Health Agency (A the VCU procedures). If you wish any of the appropriate box – see below. A	greed optional charactered for all candidates are shotocols-and-procedures-PHA). Agreed procedures of these to be assessed, you	ers nown in bold in the VC for-testing-agricultu exist for some option u must request that t	CU procedures at ral-crops, or are available from al characters (shown in italics in the properties of the process of the proc	
	Do you wish any optional characters			Yes No	
	If 'Yes' please give details				
	Bread	Biscuit	7	Feed	
	This information will be passed to B Recommended List but which may a applies to quality tests which BSPB	also be used for National	Listing, if required.	Please note that this only	
10.2	Additional VCU characters				
	Are there any non-standard charact	ers to be measured?		Yes No	
	If 'Yes' please provide details of the pro Cultivation and Use. The test must be statistically valid. The agreement of the additional fees will be charged.	able to demonstrate wheth	ner the candidate has	the characteristic and be	d 
10.3	Other factors for VCU assessment Are there any other factors that should	be taken into account for t	ne VCU assessment	(e.g. susceptibility to commerc	cial
	herbicides, special uses, agronomic ch	aracteristics, pest/disease	resistance)?	Yes No	
	If 'Yes' please give details				

I/We declare that to the best	of my/our knowled	dge and belief the	statements made in	this Technical Questi	onnaire are correc
Signature of Applicant				Date	
<u> </u>		(original signature	unless emailed)		
Name in BLOCK letters					
For and on behalf of					