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**TrAE AU Odiel Cultivar Source: Svalof Weibull, S.L. Sevilla ES CID:_
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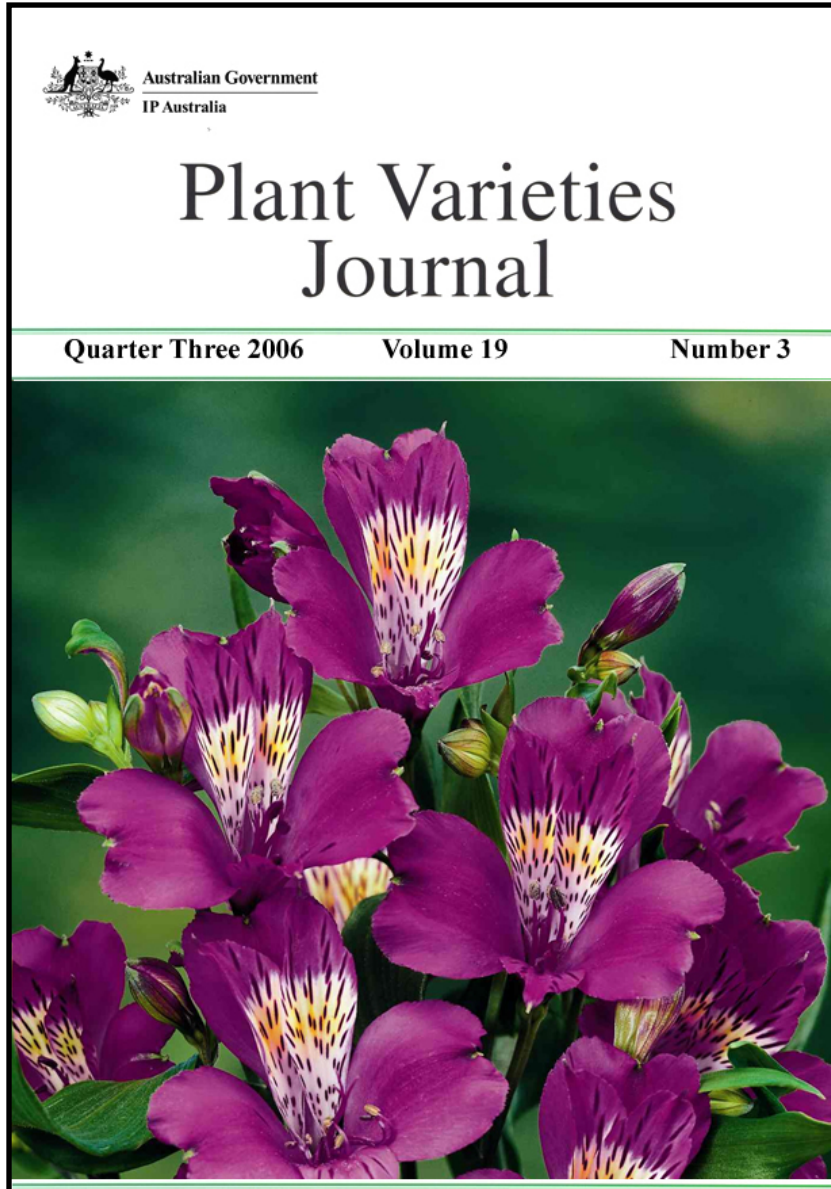
Juan Pedro Hidalgo (breeder), Chris Haire (author). Wheat (*Triticum aestivum*): 'Odiel'.
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Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'Odiel'

Synonym: N/A

Application no: 2005/112

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Apr-2005

Accepted: 02-Jun-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 19, Issue 3

Title Holder: Svalof Weibull AB

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[View the detailed description of this variety.](#)



Details of Application

Application Number	2005/112
Variety Name	'Odiel'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	N/A
Accepted Date	2 Jun 2005
Applicant	Svalof Weibull AB, Svalov, Sweden
Agent	Access Genetics Pty Ltd, Alexandra, VIC
Qualified Person	Chris Haire

Details of Comparative Trial

Overseas Testing	Spain
Authority	
Overseas Data	20010248
Reference Number	
Location	Australian verification trial was conducted at "Leniston Pines", Finley NSW
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	Jun – Dec 2005.
Conditions	Trial conducted in the field under normal agronomic practices
Trial Design	Plots arranged in randomised complete blocks, 10m long and 2m wide in 4 replicates.
Measurements	Taken from 5 random plants per replicate.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'BR 5237' x pollen parent 'Cavalier'. Cross was made in Apr 1993 in Seville, Spain. F₁ grown in Sweden in summer 1993. Single plant selection occurred in F₂ during 1994 resulting in 200 F₃ plots in 1995. Of these, 12 lines were selected for evaluation in 1996. Yield, quality and disease assessment occurred in Spain, Chile and France from 1997 through to 2000. SWE 95157 ('Odiel') was selected as the best line from these trials. Selection criteria: grain yield and quality (particularly extensibility). Propagation: seed. Breeder: Juan Pedro Hidalgo, Svalof Weibull, S.L. Santiponce, Seville, Spain.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	colour	white
Awns or scurs	presence	awns present
Seasonal type	winter/spring	spring
Coleoptile	anthocyanin pigmentation	weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'BR 5237'	Maternal parent
'Yecora Rojo'	Spanish variety
'Cavalier'	Pollen parent
'Yitpi'	Australian comparator
'H45'	Australian comparator
'Annuello'	Australian comparator

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'BR 5237'	Plant height	medium	short	maternal parent
'Cavalier'	Plant height	medium	short	pollen parent
'Yecora Rojo'	Plant height	medium	short	Spanish variety

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Odiel'	'Annuello'	'H45'	'Yitpi'
<input type="checkbox"/> Coleoptile: anthocyanin colouration	weak			
<input type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	semi-erect	semi-erect	intermediate
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	high	very high	
<input type="checkbox"/> *Time of: ear emergence	early to medium	medium	early	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	very strong	medium	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	strong	very strong	medium	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	strong		medium	
<input type="checkbox"/> *Plant: length	medium	medium	short to medium	medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	thick	thin to medium		thin
<input checked="" type="checkbox"/> *Ear: shape in profile	fusiform	tapering	tapering	parallel sided
<input type="checkbox"/> *Ear: density	lax to medium	lax	lax	medium
<input type="checkbox"/> Ear: length	medium		short	
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present
<input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length	short	medium	medium	
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	weak to medium		absent or very weak	medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	narrow	narrow	medium

<input type="checkbox"/>	Lower glume: shoulder shape	straight	elevated	slightly sloping	straight
<input type="checkbox"/>	Lower glume: beak length	medium	long	very short	medium
<input type="checkbox"/>	Lower glume: beak shape	straight to slightly curved	slightly curved	moderately curved	straight
<input type="checkbox"/>	Lower glume: extent of internal hair	weak to medium	weak	medium	
<input type="checkbox"/>	*Grain: colour	white	white	white	white
<input type="checkbox"/>	Grain: colouration with phenol	dark			
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Odiel'	'Annuello'	'H45'	'Yitpi'
<input checked="" type="checkbox"/> Plant: height (mm)				
Mean	810.00	709.75	694.00	839.75
Std. Deviation	48.15	30.58	20.61	67.74
LSD/sig	86.84	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: Time of emergence (days after sowing)				
Mean	114.50	118.25	109.50	120.00
Std. Deviation	3.32	0.96	0.58	0.82
LSD/sig	2.35	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Granted	'Odiel'

Prior sale nil.

Description: **Chris Haire**, Access Genetics Pty Ltd, Finley, NSW.