

Wheat, Barley, and Triticale

CULTIVARS

A list of publications in which national scientists have noted the cooperation or germplasm they received from CIMMYT

JOHN E. WOOLSTON



CIMMYT

INTERNATIONAL MAIZE AND
WHEAT IMPROVEMENT CENTER

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Fourth Edition

CONTENTS

Introduction.....	1
Organization of the list.....	2
Availability of documents.....	3
Acknowledgements.....	4
Part I BREAD WHEAT.....	5
Part II DURUM WHEAT.....	53
Part III BARLEY.....	60
Part IV TRITICALE.....	63
Part V COUNTRY REVIEWS.....	74

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INTRODUCTION

Sustainable cereal production on farmers' fields: that is the ultimate measure of the impact of CIMMYT's research. Its achievement requires a combination of effective technologies and the most appropriate seeds. Over the years, much of the Center's effort has been devoted to breeding and selection, and CIMMYT can now claim that its germplasm is to be found in the genealogy of many – perhaps most – of the wheat and triticale cultivars that are offered by public and private seed suppliers throughout the world.

CIMMYT germplasm is also widely represented in the maize that is grown in many countries, especially the tropical countries. However, the concept of a 'cultivar', which is well established for self-pollinating plants, needs a different interpretation when applied to out-crossing species. Within a few seasons, what is introduced intermingles with what is already there. While many authorities announce 'cultivars' and 'varieties' of maize, these are more likely to have numbers than names, and a mere listing would fall far short of representing the impact of CIMMYT's maize program. For maize, more sophisticated indicators are needed; thus this compilation deals only with the Triticeae.

Normally, a cultivar is released or registered by a national authority for use in a particular country or jurisdiction. In many countries, the release or registration is the occasion for publishing an announcement and, while most announcements give the parentage of the cultivar, some also explain where and when the crosses were made and how the selection was carried out. Often such a publication gives the results of trials and the reasons for the adoption of the cultivar.

Name a cultivar, and we should be able to find – and, when appropriate, to cite – the relevant national announcement; this is the authentic source for information about the characteristics of the cultivar. But tens of thousands of cultivars have been named in the Triticeae and, to be manageable, our list needed to have a precise scope: we are interested in those publications that contain a narrative, even if only a word or two, in which the authors link the development of their cultivars to the programs of CIMMYT.

Similarly, and again to comprehend a national breeder's perspective, we are also interested in synoptic works – 'country reviews' – that take note of CIMMYT's contributions in the context of an evolving national breeding program.

The scope of this compilation is set by rules of admissibility:

- 1) The announcement of an individual cultivar is eligible for listing if it explicitly acknowledges CIMMYT's role in the development of the cultivar or if that role has been acknowledged, albeit separately, in another publication that has met the rules of admissibility and has also been included in this compilation.*
- 2) A 'country review' is eligible for listing if it originated with responsible national authorities and if it specifically identifies cultivars as having been developed with the cooperation with CIMMYT.*

CIMMYT was set up in 1966, and nothing published before that date is included in this compilation. Hence this is not the place to identify the first announcements of the varieties that triggered the 'Green Revolution'. Those varieties figure in this compilation to the extent that CIMMYT has continued the work of its antecedent organizations, thus building on the

achievements of the Rockefeller Foundation and its partners in Mexico and other countries. And, by a literal application of the rule of admissibility, we are able to allow a little flexibility: thus, even when the actual work was done before 1966, we include later announcements if the authors use the name 'CIMMYT' in their acknowledgements.

Finally, because this compilation focuses on publications, it does not provide a complete list of the cultivars produced from CIMMYT germplasm. If there was no national publication to announce a cultivar, there is no entry in the following pages. Indeed, even when there is a publication announcing a cultivar that has CIMMYT germplasm in its genealogy, it is listed here only if national scientists have seen the role of CIMMYT as significant enough to require a mention in the announcement itself or in a country review.

Organization of the List

To conserve space, the names of countries and languages are reduced to the codes recommended by the International Organization for Standardization (ISO). Those actually employed are:

AR	Argentina	FR	France	PK	Pakistan
AT	Austria	GB	United Kingdom	PL	Poland
AU	Australia	GT	Guatemala	PT	Portugal
BD	Bangladesh	HR	Croatia	PY	Paraguay
BG	Bulgaria	HU	Hungary	RO	Romania
BO	Bolivia	IL	Israel	SD	Sudan
BR	Brazil	IN	India	TH	Thailand
CA	Canada	IR	Irán	TN	Tunisia
CH	Switzerland	IT	Italy	TR	Turkey
CL	Chile	KE	Kenya	TZ	Tanzania
CN	China	KR	Korea (South)	US	United States
CO	Colombia	MA	Morocco	UY	Uruguay
CY	Cyprus	MG	Madagascar	ZA	South Africa
DZ	Algeria	MX	México	ZM	Zambia
EC	Ecuador	MW	Malawi	ZW	Zimbabwe
EG	Egypt	NP	Nepal	en	English
ES	Spain	NZ	New Zealand	es	Spanish
ET	Ethiopia	PE	Perú	fa	Farsi

Each entry in Parts I-IV starts with a prefix which is made up of the code for the country followed by the name of the cultivar. For each crop, the items are then listed in the alphabetical sequence of their prefixes. When a cultivar is released or registered in more than one country, the publications are cross-referenced (see, for example, **CA Frank** and **US Frank** in Part IV).

Within one country, there may be several publications describing the same cultivar and, to show the history, we may include more than one in the list: thus, for example, an entry for the release and another for the registration. We have tried to find the earliest and most complete publications, but we enter extension bulletins and pamphlets if these are the only items available.

In Part V, the prefix for each country review is made up of the code for the country followed by the year of publication. If it is the only publication to describe a particular cultivar, then the corresponding entry in Parts I-IV merely gives the prefix for the cultivar followed by the word 'see' and the prefix for the country review.

As indicated in the *Introduction*, some announcements in Parts I-IV do not mention CIMMYT by name, but they are included because CIMMYT's contribution to the development of the cultivar has been acknowledged in another publication included in this compilation. In these cases, the entry for the announcement is followed by the symbol © and the prefix for the item where the acknowledgement can be found (either in a country review or in an announcement of the same cultivar but in another country).

Authors whose names are marked with an asterisk (*) are those indicated in the publication as having - or having had - an affiliation with CIMMYT.

When a national authority names a cultivar in honor of a staff member of CIMMYT, the dedication is quoted at the end of the entry, see:

in Part I

GT ICTA SaRa 82
MX Borlaug M95

in Part IV

AR Don Frank INTA
AR Don Norman INTA

Availability of Documents

While some of the listed items were published in major scientific journals, many are from relatively obscure sources. However, a copy of every document is held in the CIMMYT Library and is available for consultation. Persons who are unable to visit the CIMMYT Library are advised to apply to their own librarians. Wherever possible, we have given AGRIS numbers to assist those who use these numbers for filing their collections of reprints and reports. Librarians unable to meet the needs of their clients are invited - in the last resort - to contact the compiler for copies of individual items from this list.

Recognizing that, from a span of 34 years, there are probably many more items that could have met the rules of admissibility (page 1), the compiler earnestly solicits the cooperation of colleagues in bringing these to his attention. Please write - j.woolston@cgiar.org - or send copies to him in care of the CIMMYT Library.

The compiler says THANK YOU.....The successive editions of this list could not have been prepared without the help of many people:

- ... former and present colleagues in CIMMYT's Scientific Information Unit and Library, especially Patricia Villarreal and Juan Carlos Mendieta.
- ... others at CIMMYT who - whether in the past or more recently - lent me their documents, made photocopies, or let me rummage in their collections. Particularly useful were the contributions of Osman Abdalla, Derek Byerlee, Greg Edmeades, Paul Fox, Gene Hettel, Mujeeb Kazi, Man Mohan Kohli, Arcelia Lezama, Craig Meisner, Ivan Ortiz-Monasterio, Wolfgang Pfeifer, Gene Saari, Ken Sayre, Bent Skovmand, Maarten van Ginkel, George Varughese and Hugo Vivar.
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PART I - BREAD WHEAT

AR Bonaerense Pasuco see AR 1995b

AR Bonaerense Pericón see AR 1995b

AR Buck Ñandú see AR 1983a and AR 1995d p47

AR Buck Ñapucay see AR 1992

AR Buck Ombú see AR 1995d p47

AR Buck Pangaré see AR 1983a

AR Buck Patacón see AR 1992

AR Buck Poncho see AR 1992

AR Buck Pucará see AR 1983a

AR Chacico INTA see AR 1992

AR Chaqueño INTA see AR 1992

AR Ciano 67 (for original, see MX) Ivo E Graneros y José R Ricci. Características y comportamiento de la variedad de trigo Ciano 67 en Tucumán *Boletín* 129 14pp (San Miguel, Tucumán AR: Estación Experimental Agrícola, 1978)

AR Cooperación Cabildo see AR 1995a

AR Cooperación Calquín see AR 1995a

AR Cooperación Liquen see AR 1995a

AR Cooperación Nanihué see AR 1995a

AR Dekalb Lapacho see AR 1992

AR Dekalb Tala see AR 1992

AR Diamante INTA see AR 1995f

AR Don Ernesto INTA Jorge A Frascina. Nuevo cultivar de trigo pan (*Triticum aestivum*) Don Ernesto INTA *RAM-Revista Agropecuaria de Manfredi y Marcos Juárez* 3 41 (1987)
De Estación Experimental Agropecuaria INTA, Marcos Juárez (Córdoba) AR

AR Klein Atalaya see AR 1983b

AR Klein Cartucho see AR 1983b

AR Klein Chamaco see AR 1983b

AR La Paz INTA see AR 1995f

AR Las Rosas INTA see AR 1992

AR Leones INTA see AR 1992

AR Marcos Juárez INTA Ernesto F Godoy, A L Chabrillon, E R Ernie, R J Fogane, S E Garbini, J C Pavoni and E E Tombetta. Improving wheat production in Argentina **In: R A Fischer and Dean Bork (editors) *Proceedings of the first wheat workshop*** [El Batán MX, 1971-09] pp49-51 (México DF, MX: CIMMYT, [1971?]) See also AR 1992
From [Estación Experimental Agropecuaria INTA], Marcos Juárez (Córdoba) AR

AR Norkin Lider see AR 1992

AR Pampa INTA see AR 1992

AR Pionero INTA see AR 1995e

AR Precoz Paraná INTA see AR 1995f

AR ProINTA Amanecer Omar Polidoro, Alfredo Calzolari y Héctor Conta. ProINTA Amanecer: nuevo cultivar de trigo de ciclo largo ***Revista de Tecnología Agropecuaria* 4** (10) 33-35 (1999)
De Estación Experimental Agropecuaria INTA, Pergamino (Buenos Aires) AR

AR ProINTA Azul see AR 1995e

AR ProINTA Don Alberto see AR 1995f

AR ProINTA Don Umberto Omar O Polidoro y Alfredo M Calzolari. Una nueva variedad de trigo pan: PROINTA Don Umberto ***Revista de Tecnología Agropecuaria* 5** (13) 16-18 (2000)
De Estación Experimental Agropecuaria INTA, Pergamino (Buenos Aires) AR

AR ProINTA Federal Carlos T Bainotti, Jorge A Frascina, Ángel N Galich, María T V de Galich y José H Salines. Caracterización de los cultivares de trigo pan liberados por el Programa de Mejoramiento de Trigo del INTA ***Hoja Informativa* 268** 5pp (Marcos Juárez, Córdoba AR: Estación Experimental Agropecuaria INTA, 1994)

AR ProINTA Granar Omar O Polidoro, Alfredo M Calzolari y Héctor C Conta. ProINTA Granar: nuevo cultivar de trigo ***Revista de Tecnología Agropecuaria* 2** (4) 34-35 (1997)
De Estación Experimental Agropecuaria INTA, Pergamino (Buenos Aires) AR

AR ProINTA Guazú Carlos T Bainotti y José H Salines. Nuevo cultivar de trigo pan (*Triticum aestivum* L.) ProINTA Guazú ***Hoja Informativa* 215** 3pp (Marcos Juárez, Córdoba AR: Estación Experimental Agropecuaria INTA, 1992)

AR ProINTA Imperial Carlos T Bainotti, Jorge A Frascina, Ángel N Galich, María T V de Galich y José H Salines. Caracterización de los cultivares de trigo pan liberados por el Programa de Mejoramiento de Trigo del INTA ***Hoja Informativa* 268** 5pp (Marcos Juárez, Córdoba AR: Estación Experimental Agropecuaria INTA, 1994)

AR ProINTA Isla Verde Jorge A Frascina. Nuevo cultivar de trigo pan (*Triticum aestivum*) ProINTA Isla Verde ***RAM- Revista Agropecuaria de Manfredi y Marcos Juárez* 4** 45 (1988)
De Estación Experimental Agropecuaria INTA, Marcos Juárez (Córdoba) AR

- AR ProINTA Oasis** Carlos T Bainotti. Nuevo cultivar de trigo pan (*Triticum aestivum* L.) ProINTA Oasis *RAM-Revista Agropecuaria de Manfredi y Marcos Juárez* 5-6 57-58 (1989-1990)
De Estación Experimental Agropecuaria INTA, Marcos Juárez (Córdoba) AR
- AR ProINTA Pigue** Carlos T Bainotti, Jorge A Frascina, Ángel N Galich, María T V de Galich y José H Salines. Caracterización de los cultivares de trigo pan liberados por el Programa de Mejoramiento de Trigo del INTA *Hoja Informativa* 268 5pp (Marcos Juárez, Córdoba AR: Estación Experimental Agropecuaria INTA, 1994)
- AR ProINTA Quintal** Carlos T Bainotti, Jorge A Frascina, Ángel N Galich, María T V de Galich y José H Salines. Caracterización de los cultivares de trigo pan liberados por el Programa de Mejoramiento de Trigo del INTA *Hoja Informativa* 268 5pp (Marcos Juárez, Córdoba AR: Estación Experimental Agropecuaria INTA, 1994)
- AR ProINTA Real** Omar O Polidoro, Alfredo M Calzolari y Héctor C Conta. La nueva variedad de trigo de pan: ProINTA Real *Revista de Tecnología Agropecuaria* 2 (4) 27-28 (1997)
De Estación Experimental Agropecuaria INTA, Pergamino (Buenos Aires) AR
- AR Retacón INTA** see AR 1992
- AR San Agustín INTA** see AR 1995e
- AR Trigo 700, 706, 800** see AR 1992
- AR Tuc Norteño** Fernando B Pérez, Carlos G Arévalo y Raúl Ricci. Tuc Norteño: nueva variedad de trigo de origen mejicano *Revista Industrial y Agrícola de Tucumán* 60 (1) 39-58 (1983)
De Estación Experimental Agro-Industrial 'Obispo Colombres', San Miguel (Tucumán) AR
- AR Victoria INTA** see AR 1995f
-
- AU Amery** I R Barclay. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Amery *Australian J. Experimental Agriculture* 35 409 (1995) @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU
- S A Morgan. Wheat *Triticum aestivum* 'Amery' *Plant Varieties J. (AU)* 7 (4) 26 (1994)
@AU 1995
An application for plant breeders' rights from Department of Agriculture, Perth (Western Australia) AU
- AU Angas** H Wallwork, A J Rathjen, G A Palmer, J Cornish and S P Jeffries. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Angas *Australian J. Experimental Agriculture* 34 852 (1994) AGRIS 95-110979 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond and South Australian Research and Development Institute, Adelaide (South Australia) AU
- AU Aroona** A J Rathjen. Register of cereal cultivars in Australia: wheat: 'Aroona' *J. Australian Institute of Agricultural Science* 47 234-235 (1981) @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU
- AU Avocet** H M Fisher, J A Lawson and B J Hillman (compiler and editors). Crop varieties in Western Australia and recommendations for sowing in 1987 *Bulletin* 4112 19 ([South Perth], Western Australia AU: Department of Agriculture, [1987?]) See also AU 1995

- AU Banks** J R Syme, R G Rees and D P Law. Register of cereal and linum varieties in Australia: wheat: 'Banks' *J. Australian Institute of Agricultural Science* **45** 205 (1979) AGRIS 80-515374 @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Barunga** see AU 1995
- AU Bass** J R Syme, D P Law, D J Martin and R G Rees. Register of cereal cultivars in Australia: wheat: Bass *J. Australian Institute of Agricultural Science* **49** 46-47 (1983) @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Batavia** P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, R G Norris, G D Smith, R W Uebergang, D Thé, P J Keys and P J Agius. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Batavia *Australian J. Experimental Agriculture* **34** 853-854 (1994) AGRIS 95-110980
From Queensland Wheat Research Institute Toowoomba (Queensland), Plant Breeding Institute, Cobbitty (New South Wales) and Biloela Research Station, Biloela (Queensland) AU
- AU Bayonet** G J Hollamby, A Bayraktar and R E Wilson. Register of cereal cultivars in Australia: wheat: Bayonet *J. Australian Institute of Agricultural Science* **50** 120-121 (1984) @AU 1995
From Roseworthy Agricultural College, Roseworthy (South Australia) AU
- AU Beulah** P J Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Beulah *Australian J. Experimental Agriculture* **34** 855 (1994) AGRIS 95-110981 @AU 1995
From Victorian Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Bindawarra** A J Rathjen, J W Chigwidden and J Lewis (breeders). Register of cereal and linum varieties in Australia: wheat: Bindawarra *J. Australian Institute of Agricultural Science* **46** 265-266 (1980) AGRIS 82-711299 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU
- AU Blade** Anon. Register of cereal cultivars in Australia: wheat: cv. Blade *J. Australian Institute of Agricultural Science* **53** 51-52 (1987) AGRIS 95-087151
From Roseworthy Agricultural College, Roseworthy (South Australia) AU
- AU Bodallin** J Reeves. Register of cereal cultivars in Australia: wheat: 'Bodallin' *J. Australian Institute of Agricultural Science* **47** 236 (1981) @AU 1995
From Department of Agriculture, South Perth and Wongan Hills (Western Australia) AU
- AU Cadoux** I R Barclay. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Cadoux *Australian J. Experimental Agriculture* **34** 856 (1994) AGRIS 95-110982 @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU
- AU Canna** J Reeves. Register of cereal cultivars in Australia: wheat: 'Canna' *J. Australian Institute of Agricultural Science* **47** 236-237 (1981) @AU 1995
From Department of Agriculture, South Perth and Wongan Hills (Western Australia) AU
- AU Cascades** R E Wilson. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Cascades *Australian J. Experimental Agriculture* **35** 410-411 (1995) @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU

- AU Cocamba** J A M Brown. Register of cereal cultivars in Australia: wheat: Cocamba *J. Australian Institute of Agricultural Science* **50** 251-252 (1984) @AU 1995
From Department of Agriculture (Victoria) AU
- AU Comet** P Wilson. Register of cereal cultivars in Australia: wheat: cv. Comet *J. Australian Institute of Agricultural Science* **53** 120 (1987) AGRIS 95-098449 @AU 1995
From Cargill Seeds, [?] AU
- AU Condor** J R Syme and A T Pugsley. A Mexican wheat and its application to Australian wheat improvement *SABRAO J.* **7** 1-5 (1975)
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU and Agricultural Research Institute, Wagga (New South Wales) AU.
- AU Cook** J R Syme, D P Law and R G Rees. Register of cereal and linum varieties in Australia: wheat: Cook *J. Australian Institute of Agricultural Science* **43** 174 (1977) AGRIS 78-320758
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- J R Syme, D P Law and R G Rees. Cook... a prime hard wheat variety for Australia
Queensland Agricultural J. **106** 41-44 (1980)
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Corella** J Fisher. Register of cereal cultivars in Australia: wheat: Corella *J. Australian Institute of Agricultural Science* **50** 250 (1984) @AU 1995
From Department of Agriculture (New South Wales) AU
- AU Cranbrook** Anon. Register of cereal cultivars in Australia: wheat: cv. Cranbrook *J. Australian Institute of Agricultural Science* **53** 50 (1987) AGRIS 95-087149
From Department of Agriculture (Western Australia) AU
- AU Cunningham** P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, R G Norris, G D Smith, R W Uebergang, D Thé and P J Keys. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Cunningham *Australian J. Experimental Agriculture* **31** 725-726 (1991) AGRIS 95-151450 @AU 1995
From Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Plant Breeding Institute, Cobbitty (New South Wales); and Biloela Research Station, Biloela (Queensland) AU
- AU Currawong** R H Martin, L D J Penrose, D Thé and J Oliver. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Currawong *Australian J. Experimental Agriculture* **35** 412 (1995) @AU 1995
From NSW Agriculture, Temora (New South Wales) AU
- AU Dagger** G J Hollamby, A Bayraktar and R E Wilson. Register of cereal cultivars in Australia: wheat: Dagger *J. Australian Institute of Agricultural Science* **50** 121 (1984) @AU 1995
From Roseworthy Agricultural College, Roseworthy (South Australia) AU
- AU Darter** R H Martin and L D J Penrose. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Darter *Australian J. Experimental Agriculture* **35** 413 (1995) @AU 1995
From NSW Agriculture, Temora (New South Wales) AU
- AU Diaz** P S Brennan, D J Martin, D Thé, L R Mason, R G Norris, J A Sheppard and P J Keys (breeders). Register of cereal cultivars in Australia: wheat: cv. Diaz *J. Australian Institute of Agricultural Science* **53** 120-121 (1987) AGRIS 95-098449 @AU 1995

- AU Dollarbird** B J Ballantyne, J A Fisher, M A Khan and L Penrose. Wheat breeding *Annual Wheat Newsletter* **35** 41-42 (1989) See also **AU 1995**
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU
- AU Egret** J R Syme and A T Pugsley. A Mexican wheat and its application to Australian wheat improvement *SABRAO J.* **7** 1-5 (1975)
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU and Agricultural Research Institute, Wagga (New South Wales) AU
- AU Eradu** J Reeves. Register of cereal cultivars in Australia: wheat: 'Eradu' *J. Australian Institute of Agricultural Science* **47** 237 (1981) @AU 1995
From Department of Agriculture, South Perth and Wongan Hills (Western Australia) AU
- AU Excalibur** G J Hollamby, A Bayraktar, G Palmer, G Cornish, S Jefferies. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Excalibur *Australian J. Experimental Agriculture* **34** 857 (1994) AGRIS 95-110983 @AU 1995
From University of Adelaide, Roseworthy and South Australian Research and Development Institute, Adelaide (South Australia) AU
- AU Flinders** J R Syme. Register of cereal cultivars in Australia: wheat: Flinders *J. Australian Institute of Agricultural Science* **49** 42 (1983) @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Frame** see AU 1995
- AU Goroke** P J Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Gorote *Australian J. Experimental Agriculture* **34** 858 (1994) AGRIS 95-110984 @AU 1995
From Victorian Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Grebe** B J Ballantyne, J A Fisher, M A Khan and L Penrose. Wheat breeding *Annual Wheat Newsletter* **35** 41-42 (1989) @AU 1995
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU
- AU Hartog** P S Brennan. Register of cereal cultivars in Australia: wheat: Hartog *J. Australian Institute of Agricultural Science* **49** 42 (1983)
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Houtman** P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, P J Keys, R G Norris, R W Uebergang, D Thé, P J Angius and M L Fiske. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Houtman *Australian J. Experimental Agriculture* **34** 859-860 (1994) AGRIS 95-110985
From Queensland Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Bioela Research Station, Biloela (Queensland); and Plant Breeding Institute, Cobbitty (New South Wales) AU
- AU Hybrid Comet** see AU Comet
- AU Hybrid Meteor** P Wilson. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Hybrid Meteor *Australian J. Experimental Agriculture* **29** 290 (1989) AGRIS 95-131316 @AU 1995 as 'Meteor'
From Cargill Seeds, West Tamworth (New South Wales) AU

- AU Hybrid Pulsar** C J Tyson, R P Daniel, P Wilson and M A Materne. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Hybrid Pulsar *Australian J. Experimental Agriculture* **34** 861 (1994) AGRIS 95-110986 @AU 1995 as 'Pulsar'
From Cargill Seeds, West Tamworth (New South Wales) AU
- AU Hybrid Titan** P Wilson, O W Boland, J W Walcott and R K Bequette. Register of cereal and linum varieties in Australia: wheat: Hybrid Titan *J. Australian Institute of Agricultural Science* **46** 266-267 (1980) AGRIS 82-711300 @AU 1995 as 'Titan'
From Dekalb Shand Seed Company Pty Limited, Tamworth (New South Wales) AU and Dekalb Hybrid Wheat Inc., Wichita (Kansas) US
- AU Hyden** J Reeves. Register of cereal cultivars in Australia: wheat: Hyden *J. Australian Institute of Agricultural Science* **49** 45 (1983) @AU 1995
From Department of Agriculture, South Perth and Wongan Hills (Western Australia) AU
- AU Jabiru** J A Fisher and J R Syme (breeders). Register of cereal and linum varieties in Australia: wheat: Jabiru *J. Australian Institute of Agricultural Science* **43** 173 (1977) AGRIS 78-320755 @AU 1995
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU and Queensland Wheat Research Institute, Toowoomba (Queensland) AU.
- AU Jacup** J Reeves (breeder). Register of cereal and linum varieties in Australia: wheat: 'Jacup' *J. Australian Institute of Agricultural Science* **45** 142 (1979) AGRIS 80-470341 @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU
- AU Janz** P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, R G Norris, G D Smith, D Thé and P J Keys. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Janz *Australian J. Experimental Agriculture* **31** 727 (1991) AGRIS 95-151450 @AU 1995
From Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Plant Breeding Institute, Cobbitty (New South Wales); and Biloela Research Station, Biloela (Queensland) AU
- AU Katunga** P J Martin, B R Whan and J Davies. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Katunga *Australian J. Experimental Agriculture* **34** 862 (1994) AGRIS 95-110987 @AU 1995
From Victorian Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Kelalac** P Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Kelalac *Australian J. Experimental Agriculture* **31** 728 (1991) AGRIS 95-151450 @AU 1995
From Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Kiata** J A M Brown, S E Ellis and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Kiata *Australian J. Experimental Agriculture* **29** 285 (1989) AGRIS 95-131321 @AU 1995
From Victorian Crops Research Institute, Horsham (Victoria) AU
- AU King** J R Syme, D J Martin, D P Law and R G Rees. Register of cereal cultivars in Australia: wheat: King *J. Australian Institute of Agricultural Science* **49** 47-48 (1983) @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Kulin** Anon. Register of cereal cultivars in Australia: wheat: cv. Kulin *J. Australian Institute of Agricultural Science* **53** 54 -55 (1987) AGRIS 95-087155 @AU 1995
From Department of Agriculture (Western Australia) AU

- AU Lark** B J Ballantyne. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Lark *Australian J. Experimental Agriculture* **31** 729 (1991) AGRIS 95-151450 @AU 1995
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU
- AU Lawson** Anon. Wheat (*Triticum aestivum*) variety: Lawson *Plant Varieties J. (AU)* **4** (4) 10-11,14 (1991) @AU 1995
An application for plant breeders' rights from Commonwealth Scientific and Industrial Research Organization (CSIRO), Canberra (ACT) AU
- AU Lillimur** L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Lillimur *Australian J. Experimental Agriculture* **31** 730 (1991) AGRIS 95-151450 @AU 1995
From Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Lowan** see AU 1995
- AU Machete** Anon. Register of cereal cultivars in Australia: wheat: cv. Machete *J. Australian Institute of Agricultural Science* **53** 52-53 (1987) AGRIS 95-087152 @AU 1995
From Roseworthy Agricultural College (South Australia) AU
- AU Matong** B R Whan. Register of cereal cultivars in Australia: wheat: Matong *J. Australian Institute of Agricultural Science* **49** 44 (1983) @AU 1995
From Victorian Crops Research Institute, Horsham (Victoria) AU
- AU Meering** M J Archer. Register of cereal cultivars in Australia: wheat: Meering *J. Australian Institute of Agricultural Science* **50** 251 (1984) @AU 1995
From Department of Agriculture (Victoria) AU
- AU Miling** J Reeves (breeder). Register of cereal and linum varieties in Australia: wheat: 'Miling' *J. Australian Institute of Agricultural Science* **45** 142-143 (1979) AGRIS 80-470342 @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU
- AU Millewa** B R Whan (breeder), G T Stratford, D N Walscott (agronomists) and K.C. Mander (cereal chemist). Register of cereal and linum varieties in Australia: wheat: 'Millewa' *J. Australian Institute of Agricultural Science* **45** 142 (1979) AGRIS 80-470340
From State Research Farm, Werribee (Victoria) AU
- AU Minto** B R Whan. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Minto *Australian J. Experimental Agriculture* **29** 284 (1989) AGRIS 95-131322 @AU 1995
From Victorian Crops Research Institute, Horsham (Victoria) AU
- AU Miskle** F W Ellison, G Brown and D J Mares. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Miskle *Australian J. Experimental Agriculture* **29** 283 (1989) AGRIS 95-131323 @AU 1995
From University of Sydney, Narrabri (New South Wales) AU
- AU Mokoan** Anon. Register of cereal cultivars in Australia: wheat: cv. Mokoan *J. Australian Institute of Agricultural Science* **53** 50-51 (1987) AGRIS 95-087150 @AU 1995
From Department of Agriculture and Rural Affairs (Victoria) AU

AU Molineux A J Rathjen, J Lewis, A J Dube, J W Chigwidden and C J Stone. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Molineux *Australian J. Experimental Agriculture* **29** 289 (1989) AGRIS 95-131317 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU

AU Moray J A M Brown, S Ellis and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Moray *Australian J. Experimental Agriculture* **29** 287 (1989) AGRIS 95-131319 @AU 1995
From Victorian Crops Research Institute, Horsham (Victoria) AU

AU Osprey R H Martin. Register of cereal cultivars in Australia: wheat: Osprey *J. Australian Institute of Agricultural Science* **49** 231-232 (1983) AGRIS 85-074862 @AU 1995
From Department of Agriculture (New South Wales) AU

AU Ouyen P J Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Ouyen *Australian J. Experimental Agriculture* **34** 863 (1994) AGRIS 95-110988 @AU 1995
From Victorian Institute for Dryland Agriculture, Horsham (Victoria) AU

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From Agricultural Research Institute, Wagga Wagga (New South Wales) AU

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From Queensland Wheat Research Institute, Toowoomba (Queensland) AU

AU Pelsart P S Brennan, D J Martin, J P Thompson, L R Mason, J A Sheppard, P J Keys, R W Uebergang, D Thé, P J Agius, M L Fiske, J Ross and T G Clewett. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Pelsart *Australian J. Experimental Agriculture* **34** 864-865 (1994) AGRIS 95-110989 @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland); Biloela Research Station, Biloela (Queensland); and Plant Breeding Institute, Cobbitty (New South Wales) AU

----- P S Brennan. Wheat *Triticum aestivum* 'Pelsart' *Plant Varieties J. (AU)* **7** (4) 23 (1994) @AU 1995
An application for plant breeders' rights from Department of Primary Industries, Toowoomba (Queensland) AU

AU Perouse P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, R G Norris, G D Smith, D Thé and P J Keys. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Perouse *Australian J. Experimental Agriculture* **31** 731 (1991) AGRIS 95-151450 @AU 1995
From Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Plant Breeding Institute, Cobbitty (New South Wales); and Biloela Research Station, Biloela (Queensland) AU

AU Quarrion R H Martin. Register of cereal cultivars in Australia: wheat: Quarrion *J. Australian Institute of Agricultural Science* **49** 231 (1983) AGRIS 85-074861 @AU 1995
From Department of Agriculture (New South Wales) AU

AU Reeves J Reeves. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Reeves *Australian J. Experimental Agriculture* **31** 732 (1991) AGRIS 95-151450 @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU

AU Rosella see AU 1995

AU Rowan P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, P J Keys, R Norris, R W Uebergang, D Thé, P J Agius and M L Fiske. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Rowan *Australian J. Experimental Agriculture* **34** 866 (1994) AGRIS 95-110990 @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Biloela Research Station, Biloela (Queensland); and Plant Breeding Institute, Cobbitty (New South Wales) AU

----- Anon. Wheat *Triticum aestivum* 'Rowan' *Plant Varieties J.* **7** (4) 23-24 (1994) @AU 1995
An application for plant breeders' rights from Department of Primary Industries, Brisbane (Queensland) AU

AU Schomburgk D Thé, A J Rathjen, J Lewis and J Chigwidden (breeders). Register of cereal cultivars in Australia: wheat: cv. Schomburgk *J. Australian Institute of Agricultural Science* **53** 121-122 (1987) AGRIS 95-098449 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU

AU Shortim N F Derera, G M Bhatt and I A Watson (breeders). Register of cereal and linum varieties in Australia: wheat: Shortim *J. Australian Institute of Agricultural Science* **43** 175-176 (1977) AGRIS 78-320760 @AU 1995
From University of Sydney, Narrabri (New South Wales) AU

AU Shrike R H Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Shrike *Australian J. Experimental Agriculture* **31** 733 (1991) AGRIS 95-151450 @AU 1995
From Temora Agricultural Research and Advisory Station, Temora (New South Wales) AU

AU Skua R H Martin. Register of cereal cultivars in Australia: wheat: Skua *J. Australian Institute of Agricultural Science* **50** 252-253 (1984) @AU 1995
From Department of Agriculture (New South Wales) AU

AU Songlen N F Derera, I A Watson and G M Bhatt (breeders). Register of cereal and linum varieties in Australia: 'Songlen' *J. Australian Institute of Agricultural Sciences* **41** 142 (1975) AGRIS 76-121264 @AU 1995
From University of Sydney, Sydney and Narrabri (New South Wales) AU

AU Spear G J Hollamby, A Bayraktar and R E Wilson. Register of cereal cultivars in Australia: wheat: Spear *J. Australian Institute of Agricultural Science* **50** 121-122 (1984)
From Roseworthy Agricultural College (South Australia) AU

AU Stiletto G J Hollamby, A Bayraktar, D Thé, G Palmer and S Jefferies. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Stiletto *Australian J. Experimental Agriculture* **34** 867 (1994) AGRIS 95-110991 @AU 1995
From University of Adelaide, Roseworthy (South Australia); Plant Breeding Institute, Cobbitty (New South Wales); and South Australian Research and Development Institute, Adelaide (South Australia) AU

AU Stretton I R Barclay. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Stretton *Australian J. Experimental Agriculture* **35** 414 (1995) @AU 1995
From Department of Agriculture, South Perth (Western Australian) AU

----- S A Morgan. Wheat *Triticum aestivum* 'Stretton' *Plant Varieties J.* **7** (4) 25-26 (1994) @AU 1995
An application for plant breeders' rights from Department of Agriculture, Perth (Western Australia) AU

AU Sunbird see AU 1995

- AU Sunbri** G Brown, F W Ellison and D J Mares. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunbri *Australian J. Experimental Agriculture* 31 734 (1991) AGRIS 95-151450 @AU 1995
From Plant Breeding Research Institute, Cobbitty and Narrabri (New South Wales) AU
- AU Sunco** Wheat improvement programme, Narrabri: Cultivar development: 1. New release *Plant Breeding Institute Annual Report 1986* pp5-6 (Sydney, New South Wales AU: Faculty of Agriculture, University of Sydney) @AU 1995
- AU Sundor** F W Ellison. Register of cereal cultivars in Australia: wheat: Sundor *J. Australian Institute of Agricultural Science* 50 253-254 (1984) @AU 1995
From University of Sydney and Department of Agriculture (New South Wales) AU
- AU Suneca** J Gyrfas. Register of cereal cultivars in Australia: wheat: Suneca *J. Australian Institute of Agricultural Science* 49 43-44 (1983) @AU 1995
From University of Sydney, Narrabri (New South Wales) AU
- AU Sunfield** F W Ellison and G Brown. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunfield *Australian J. Experimental Agriculture* 29 149-150 (1989) AGRIS 95-131429 @AU 1995
From University of Sydney, Narrabri (New South Wales) AU
- AU Sunkota** B D H Latter. Register of cereal cultivars in Australia: wheat: 'Sunkota' *J. Australian Institute of Agricultural Science* 47 238-239 (1981) @AU 1995
From University of Sydney, Narrabri (New South Wales) AU
- AU Sunland** F W Ellison, G N Brown, D J Mares, S G Moore and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunland *Australian J. Experimental Agriculture* 35 415 (1995) @AU 1995
From IA Watson Wheat Research Centre, Narrabri (New South Wales) AU
- AU Sunmist** F W Ellison, G N Brown, D J Mares, S G Moore and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunmist *Australian J. Experimental Agriculture* 34 868 (1994) AGRIS 95-110992 @AU 1995
From IA Watson Wheat Research Centre, Narrabri (New South Wales) AU
- AU Sunstar** F W Ellison. Register of cereal cultivars in Australia: wheat: Sunstar *J. Australian Institute of Agricultural Science* 49 232 (1983) AGRIS 85-074847 @AU 1995
From University of Sydney, Narrabri (New South Wales) AU
- AU Sunstate** F W Ellison, G N Brown, D J Mares, S G Moore and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunstate *Australian J. Experimental Agriculture* 34 869 (1994) AGRIS 95-110993 @AU 1995
From IA Watson Wheat Research Centre, Narrabri (New South Wales) AU
- AU Sunvale** F W Ellison, G N Brown, D J Mares, S G Moore and L O'Brien. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Sunvale *Australian J. Experimental Agriculture* 35 416 (1995) @AU 1995
From IA Watson Wheat Research Centre, Narrabri (New South Wales) AU
- AU Swift** H M Allen, J R Oliver, B J Ballantyne, Z Tomes, J P Fairall and J A Fisher. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Swift *Australian J. Experimental Agriculture* 34 870-871 (1994) AGRIS 95-110994 @AU 1995
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU

- AU Tammin** R E Wilson. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Tammin *Australian J. Experimental Agriculture* **35** 417-418 (1995) @AU 1995
From Department of Agriculture, South Perth (Western Australia) AU
- AU Tasman** P S Brennan, D J Martin, R L Eisemann, L R Mason, J A Sheppard, P J Keys, R G Norris, R W Uebergang, D Thé, P J Agius and M L Fiske. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Tasman *Australian J. Experimental Agriculture* **34** 872 (1994) AGRIS 95-110995
From Queensland Wheat Research Institute, Toowoomba (Queensland); Department of Primary Industries, Brisbane (Queensland); Biloela Research Station, Biloela (Queensland); and Plant Breeding Institute, Cobbitty (New South Wales) AU
- Paul Brennan. Wheat *Triticum aestivum* 'Tasman' *Plant Varieties J. (AU)* **7** (4) 24 (1994)
For CIMMYT origin, see previous article
An application for plant breeders' rights from The State of Queensland AU
- AU Tatiara** A J Rathjen, J Lewis, H Wallwork, T D Potter, G A Palmer, T G Heard and J W Chigwidden. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Tatiara *Australian J. Experimental Agriculture* **29** 286 (1989) AGRIS 95-131320 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond; Department of Agriculture, Adelaide; and Department of Services and Supply, Adelaide (South Australia) AU
- AU Tern** L D J Penrose, R H Martin, D Thé, C Powell, F McRae, K Clark and H Allen. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Tern *Australian J. Experimental Agriculture* **35** 419 (1995) @AU 1995
From NSW Agriculture, Temora (New South Wales) AU
- AU Timson** G M Bhatt, I A Watson and N F Derera (breeders). Register of cereal and linum varieties in Australia: 'Timson' *J. Australian Institute of Agricultural Science* **41** 142 (1975) AGRIS 76-121264 @AU 1995
From University of Sydney, Sydney and Narrabri (New South Wales) AU
- AU Torres** P S Brennan, D J Martin, D The and R A McIntosh. Register of cereal cultivars in Australia: wheat: Torres *J. Australian Institute of Agricultural Science* **49** 47 (1983) @AU 1995
From Queensland Wheat Research Institute, Toowoomba (Queensland) AU
- AU Trident** G J Hollamby, A Bayraktar, D Thé, G Palmer and S Jefferies. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Trident *Australian J. Experimental Agriculture* **34** 873 (1994) AGRIS 95-110996 @AU 1995
From University of Adelaide, Roseworthy (South Australia); Plant Breeding Institute, Cobbitty (New South Wales); South Australian Research and Development Institute, Adelaide (South Australia) AU
- AU Triller** B J Ballantyne and J A Fisher. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Triller *Australian J. Experimental Agriculture* **35** 420-421 (1995) @AU 1995
From Agricultural Research Institute, Wagga Wagga (New South Wales) AU
- AU Vasco** Anon. Register of cereal cultivars in Australia: wheat: cv. Vasco *J. Australian Institute of Agricultural Science* **53** 54 (1987) AGRIS 95-087154 @AU 1995
From Department of Primary Industries (Queensland) AU

- AU Vectis** P J Martin. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Vectis *Australian J. Experimental Agriculture* **34** 874 (1994) AGRIS 95-110997 @AU 1995
From Victorian Institute for Dryland Agriculture, Horsham (Victoria) AU
- AU Vulcan** Anon. Register of cereal cultivars in Australia: wheat: cv. Vulcan *J. Australian Institute of Agricultural Science* **53** 53 (1987) AGRIS 95-087153 @AU 1995
From Cargill Seeds, Tamworth (New South Wales) AU
- AU Warbler** R H Martin and D T Thé. Register of Australian winter cereal cultivars: *Triticum aestivum* ssp. *vulgare* (bread wheat) cv. Warbler *Australian J. Experimental Agriculture* **35** 422 (1995) @AU 1995
From NSW Agriculture, Temora and Plant Breeding Institute, Cobbitty (New South Wales) AU
- AU Warigal** A J Rathjen, J W Chigwidden and J Lewis (breeders). Register of cereal and linum varieties in Australia: wheat: 'Warigal' *J. Australian Institute of Agricultural Science* **44** 216 (1978) AGRIS 79-423396 @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU
- AU Warimba** A J Rathjen (breeder). Register of cereal and linum varieties in Australia: wheat: Warimba *J. Australian Institute of Agricultural Science* **43** 173-174 (1977) AGRIS 78-320756
From Waite Agricultural Research Institute, Glen Osmond (South Australia) AU
- AU Wilgoyne** I R Barclay. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Wilgoyne *Australian J. Experimental Agriculture* **29** 288 (1989) AGRIS 95-131318
From Department of Agriculture, South Perth (Western Australia) AU
- AU Wyuna** B R Whan. Register of cereal cultivars in Australia: wheat: Wyuna *J. Australian Institute of Agricultural Science* **50** 250-251 (1984) @AU 1995
From Department of Agriculture (Victoria) AU
- AU Yarralinka** A J Rathjen, J Lewis, D The, G A Palmer, S P Jefferies, J W Chigwidden, C J Stone and H Wallwork. Register of Australian winter cereal cultivars: *Triticum aestivum* spp. *vulgare* (bread wheat) cv. Yarralinka *Australian J. Experimental Agriculture* **35** 675-676 (1995) @AU 1995
From Waite Agricultural Research Institute, Glen Osmond (South Australia); University of Sydney, Cobbitty (New South Wales); and South Australian Research and Development Institute, Adelaide (South Australia) AU

The following quotations were translated, courtesy Dr. Sufi M. Ahmed, from a book *Characteristics of Crop Varieties* published in Bangla in 1985 by the seed certification agency of the Government of Bangladesh and the Bangladesh Agricultural Research Council.

BD Akbar BAW-43 "The line was introduced from CIMMYT Mexico. Its pedigree is Ron x Tob "s" CM 7705-3M-1Y-2M-2Y-OY-OJO, and the Bangladesh Agricultural Research Institute developed the variety by selection. It is very high yielding and gives as much as 4200 kg/ha with irrigation. On 29 March 1983, the National Seed Board recommended it for cultivation under both irrigated and non-irrigated conditions. The grain is white and bold. Except for the coastal belt of the southern region, it can be cultivated throughout Bangladesh. Sowing may be done up to the middle of December. The variety is resistant to all diseases of wheat, and it is now being grown by farmers."

BD Ananda BAW-18 "The line was introduced from CIMMYT Mexico in 1975. The cross/pedigree is Kal/Bb CM26992-30M-300Y-500M-OY-OJA-OJA. The Bangladesh Agricultural Research Institute developed the variety by selecting in segregating generations. Except for the coastal belt of the southern region, it is recommended for cultivation throughout Bangladesh under both irrigated and non-irrigated conditions. The variety is resistant to leaf rust, loose smut and other diseases. The time of sowing is from the first week of November to the first week of December. The variety was recommended by the National Seed Board of Bangladesh on 29 March 1983."

BD Barkat BAW-39 "The line was introduced from CIMMYT Mexico. The cross/pedigree is Junco "s" CM 33483-C-7M-1Y-OM-OJO. The Bangladesh Agricultural Research Institute developed the variety by selection, and it was recommended by the National Seed Board on 29 March 1983. Except for the coastal belt, it can be cultivated throughout Bangladesh under both irrigated and non-irrigated conditions. Its grain is white, soft and bold. The variety is resistant to leaf rust and other diseases of wheat. It can yield 10-15% more than Sonalika."

BO Agua Dulce-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-7,12-13 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BO Azubí-CIAT Anon. *Azubí CIAT, nueva variedad de trigo harinero* [desplegable] (Santa Cruz BO: Centro de Investigación Agrícola tropical CIAT, 1998?)

BO Guapay-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-9 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BO Chané-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-7,18-19 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BO Guendá-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-7,16-17 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BO Pailón-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-7,14-15 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BO Surutú-CIAT Edgar Guzmán A y Casiano Quintana C. *Varietades de trigo para el departamento de Santa Cruz* pp1-7,10-11 (Santa Cruz BO: Centro de Investigación Agrícola Tropical CIAT, Asociación de Productores de Oleaginosas y Trigo ANAPO y CIMMYT, 1995)

BR Alondra 4546 Programa de Pesquisa. Trigo-1980: Recomendações para o Estado do Paraná *Boletim Técnico 5* 12 (Cascavel, Paraná BR: Organização das Cooperativas do Estado do Paraná - OCEPAR, 1980)

----- Moacil Alves de Souza e Joaquim Soares Sobrinho. Cultivares de trigo para Minas Gerais *Informe Agropecuário 9* (97) 20-26 (1983)
De Empresa de Pesquisa Agropecuária de Minas Gerais, Belo Horizonte (Minas Gerais) BR

BR Anahuac (for original, see MX) Ocepar-Pesquisa. Trigo-1982: Recomendações para o Estado do Paraná *Boletim Técnico* 8 36 (Cascavel, Paraná BR: Organização das cooperativas do Estado do Paraná, 1982)

----- Moacil Alves de Souza e Joaquim Soares Sobrinho. Cultivares de trigo para Minas Gerais *Informe Agropecuário* 9 (97) 20-26 (1983)
De Empresa de Pesquisa Agropecuária de Minas Gerais, Belo Horizonte (Minas Gerais) BR

BR CD 101 Francisco de Assis Franco, Marco Antonio Rott de Oliveira, Edson Feliciano de Oliveira e Dorival Vicente. Características e comportamento da nova cultivar de trigo CD 101 recomendada para solos sem alumínio trocável no Paraná *Informe Técnico I-01* [7pp] (Cascavel, Paraná BR: Cooperativa Central Agropecuária de Desenvolvimento Tecnológico e Econômico Ltda COODETEC, 1998)

BR CEP 13-Guaíba see **BR 1988**

BR Ciano F67 (for original, see MX) Setor de Pesquisa. Trigo - 1.977: Regiões Norte e Oeste *Divulgação* 1 6 ([Cascavel, Paraná BR]: Organização das Cooperativas do Estado do Paraná - OCEPAR, 1977)

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BR EI Pato Programa de Pesquisa. Trigo-1980: Recomendações para o Estado do Paraná *Boletim Técnico* 5 23 (Cascavel, Paraná BR: Organização das Cooperativas do Estado do Paraná - OCEPAR, 1980)

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- BR IAC 287-Yaco** Antonio Wilson Penteado Ferreira Filho, Carlos Eduardo de Oliveira Camargo, João Carlos Felício, José Carlos Vila Nova Alves Pereira, José Guilherme de Freitas, Paulo Boller Gallo e Policarpo Vitti (equipe de pesquisa). *IAC-287 'Yaco', cultivar de trigo de boa qualidade tecnológica para o Estado de São Paulo* [tríptico] (Campinas, São Paulo BR: Instituto Agrônômico, 1992)
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- BR IAPAR 18-Marumbi** Instituto Agrônômico do Paraná. *IAPAR - 20 anos: cultivares para o Paraná* p115 (Londrina, Paraná BR: Instituto Agrônômico do Paraná, 1992)
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- BR IAPAR 41-Tamacoré** Dionisio Brunetta. Caracterização e aspectos agronômicos da cultivar de trigo IAPAR 41-Tamacoré, lançada para cultivo no Paraná em 1990 **In:** Resultados da pesquisa com trigo no Paraná - 1990 *Informe da Pesquisa 94* 93-96 (Londrina, Paraná BR: IAPAR Fundação Instituto Agronômico do Paraná, 1990)
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BR OCEPAR 8-Macuco Manoel Carlos Bassoi, Fernando Bernardo Gomide, Francisco de Assis Franco e Marco A Rott de Oliveira. OCEPAR 8-Macuco, nova cultivar de trigo para o Paraná *Informe Técnico V-02* 7pp (Cascavel, Paraná BR: Organização das Cooperativas do Estado do Paraná, 1984)

BR OCEPAR 9-Perdiz Manoel Carlos Bassoi, Fernando Bernardo Gomide, Francisco de Assis Franco e Marco A Rott de Oliveira. OCEPAR 9-Perdiz, nova cultivar de trigo para o Paraná *Informe Técnico V-03* 6pp (Cascavel, Paraná BR: Organização das Cooperativas do Estado do Paraná, 1984)

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- BR OCEPAR 20** Manoel Carlos Bassoi, Fernando Bernardo Gomide e Francisco de Assis Franco. OCEPAR 20, nova cultivar de trigo recomendada para o Paraná *Informe Técnico XI-003* 10pp (Cascavel, Paraná BR: Organização das Cooperativas do Estado do Paraná, 1990)
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- BR Trigo BR 14 (-Thornbird)** EMPRAPA. *Trigo BR 14: uma nova opção* [tríptico] (Passo Fundo, Rio Grande do Sul BR: EMBRAPA Serviço de Produção de Sementes Básicos, [nd]) See also **BR 1988** Table 3
- BR Trigo BR 16-Rio Verde** C N A de Sousa, J C S Moreira, L de J A Del Duca, O de S Rosa and P L Scheeren. New Brazilian wheat cultivars *Annual Wheat Newsletter* 32 39-40 (1986) See also **BR 1988** Table 3
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- BR Trigo BR 31-Miriti** (for original, see MX Glennson M81) EMBRAPA. *Nova cultivar, Trigo BR 31-Miriti, para Mato Grosso do Sul* [tríptico] (Dourados, Mato Grosso do Sul BR: EMBRAPA Unidade de Execução de Pesquisa de Âmbito Estadual de Dourados, 1988)
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HR Brdanka Institute for Breeding and Production of Field Crops *Wheat Varieties* [np] (Zagreb HR: University of Zagreb [nd])

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IN CC 464 see IN 1994 p27

IN Chhoti Lerma see IN 1979a p27 and IN 1994 p27

IN CPAN 1796 see IN 1994 p27

IN DWR 162 see IN 1994 p27

IN GW 40 see IN 1994 p27

IN GW 120 see IN 1994 p27

IN GW 405 see IN 1994 p27

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NP BL1022 see NP 1992 Appendix A

NP Kalyansona (for original, see IN) see NP 1992 Appendix A

NP Lerma 52 see NP 1992 Appendix A

NP Lerma Rojo 64 see NP 1992 Appendix A

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PART III - BARLEY

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PART IV - TRITICALE

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AR Don Norman INTA G Covas y M Frecentese. Dos nuevos cultivares de triticale forrajero para la región pampeana semiárida *Informativo de Tecnología Agropecuaria para la Región Semiárida Pampeana* **80** 1 (1982) AGRIS 84-013403
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