

TECHNICAL NOTE

FORAGE CULTIVARS RELEASED FOR USE IN QUEENSLAND

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Ten years ago, a list of herbage plant cultivars released by the Queensland Pasture Liaison Committee (QPLC) and its successor, the Queensland Herbage Plant Liaison Committee (QHPLC), was published in the form of a Note in *Tropical Grasslands* (Eyles 1979). The Note also outlined the principles underlying release and the history of the release activities of these committees. QHPLC has continued to be active in releasing new pasture plants for use by industry and, since 1979, the number released has increased from 49 to 65. A full list of all the cultivars released by QPLC and QHPLC up to 1988 is given in Table 1. This provides details of the Queensland release number, accession number, species name, common name, cultivar name and date of release, and indicates where the description of the cultivar has been published. Descriptions of new cultivars will be published in the Australian Journal of Experimental Agriculture from 1989. They are also published in *Tropical Grasslands*. The credit for the research and development work leading to the release of these cultivars is shared about equally by the CSIRO Division of Tropical Crops and Pastures (DTCP) and Queensland Department of Primary Industries (QDPI). The recent introduction of Plant Variety Rights and the policies of both State and Commonwealth Governments have led both DTCP and QDPI to seek to recover part of the cost of developing new cultivars. However, both organisations have agreed to continue to seek to release all new cultivars through QHPLC. This updated list is being published because the earlier list has proved useful as a reference document for persons interested in the science and practice of pasture improvement. A further updating may be worthwhile in due course.

TABLE 1

Cultivars released by the Queensland Pasture Liaison Committee (release Nos Q.C. 1 to 21) and by the Queensland Herbage Plant Liaison Committee (release Nos Q.C. 22 to 65)

Release No.	Accession/line no. or bred cultivar	Species	Common name	Cultivar name	Year of release	Description published
Q.C.1	CPI 12778	<i>Cenchrus ciliaris</i>	buffel grass	Nunbank	1961	Barnard 1972
Q.C.2	CPI 16833	<i>Lotononis bainesii</i>	lotononis	Miles	1962	Barnard 1972
Q.C.3	CPI 13246	<i>Cenchrus ciliaris</i>	buffel grass	Tarewinnabar	1962	Barnard 1972
Q.C.4	CPI 14365	<i>Cenchrus ciliaris</i>	buffel grass	Lawes	1962	Barnard 1972
Q.C.5	Q 2953	<i>Cenchrus ciliaris</i>	buffel grass	Boorara	1962	Barnard 1972
Q.C.6	CPI 25702	<i>Neonotonia wightii</i>	glycine	Cooper	1962	Barnard 1972
Q.C.7	Q 3510	<i>Panicum coloratum</i> var. <i>makarikariense</i>	makarikari	Burnett	1962	Barnard 1972
Q.C.8	SCS 383	<i>Panicum coloratum</i> var. <i>makarikariense</i>	makarikari	Pollock	1962	Barnard 1972
Q.C.9	Q 2056	<i>Neonotonia wightii</i>	glycine	Tinaroo	1962	Barnard 1972
Q.C.10	CPI 18614	<i>Leucaena leucocephala</i>	leucaena	Peru	1962	Barnard 1972
Q.C.11	CPI 2696	<i>Paspalum commersonii</i>	scrobic	Paltridge	1962	Barnard 1972
Q.C.12	CPI 18578	<i>Digitaria decumbens</i>	pangola grass	-	1962	Barnard 1969

TABLE 1 (cont)

Release No.	Accession/line no. or bred cultivar	Species	Common name	Cultivar name	Year of release	Description published
Q.C.13	CPI 8990	<i>Desmodium uncinatum</i>	desmodium	Silverleaf	1962	Barnard 1972
Q.C.14	Q 3307	<i>Chloris gayana</i>	Rhodes grass	Callide	1963	Barnard 1972
Q.C.15	CPI 7838	<i>Pennisetum purpureum</i>	elephant grass	Capricorn	1963	Barnard 1972
Q.C.16	Selection 9-0-1 CPI 17916 CPI 18009 CPI 23189	<i>Desmodium intortum</i>	desmodium	Greenleaf	1963	Barnard 1972
Q.C.17	CPI 2741	<i>Paspalum plicatulum</i>	plicatulum	Rodd's Bay	1963	Barnard 1972
Q.C.18	CPI 11826	<i>Paspalum plicatulum</i> var. <i>glabrum</i>	plicatulum	Hartley	1963	Barnard 1972
Q.C.19	CPI 28709	<i>Setaria sphacelata</i>	setaria	Nandi	1963	Barnard 1972
Q.C.20	CPI 16144	<i>Chloris gayana</i>	Rhodes grass	Samford	1963	Barnard 1972
Q.C.21	CPI 30825	<i>Panicum maximum</i>	guinea grass	Coloniao	1963	Not published
Q.C.22	CPI 6563	<i>Panicum maximum</i>	panic	Gatton	1964	Barnard 1972
Q.C.23	CPI 21347	<i>Vigna luteola</i>	vigna	Dalrymple	1965	Barnard 1969
Q.C.24	CPI 26260	<i>Macrotyloma uniflorum</i>	biflorus	Leichhardt	1965	Barnard 1972
Q.C.25	CPI 30623	<i>Brachiaria ruziziensis</i>	ruzi grass	Kennedy	1965	Barnard 1969
Q.C.26	Bred (CSIRO)	<i>Sorghum sp.</i>	forage sorghum	Krish	1965	Barnard 1972
Q.C.27	CPI 11491 CPI 11493 CPI 11849	<i>Stylosanthes guianensis</i>	fine-stem stylo	Oxley	1965	Barnard 1972
Q.C.28	CPI 28696 CPI 17814	<i>Macrotyloma axillare</i>	axillaris	Archer	1966	Barnard 1972
Q.C.29	CPI 1694	<i>Brachiaria decumbens</i>	signal grass	Basilisk	1967	Mackay 1982
Q.C.30	Line 59	<i>Stylosanthes humilis</i>	Townsville stylo	Lawson	1968	Barnard 1972
Q.C.31	Line 10	<i>Stylosanthes humilis</i>	Townsville stylo	Gordon	1968	Barnard 1972
Q.C.32	Selection from CPI 33452	<i>Setaria sphacelata</i>	setaria	Narok	1969	Barnard 1972
Q.C.33	Black seeded line 2	<i>Stylosanthes humilis</i>	Townsville stylo	Paterson	1969	Barnard 1972
Q.C.34	Q 8558	<i>Stylosanthes guianensis</i>	stylo	Endeavour	1971	Barnard 1972
Q.C.35	CPI 38754	<i>Stylosanthes guianensis</i>	stylo	Cook	1971	Barnard 1972
Q.C.36	Q 8333	<i>Centrosema pubescens</i>	centro	Belalto	1971	Barnard 1972
Q.C.37	-	<i>Desmodium heterophyllum</i>	hetero	Johnstone	1971	Mackay 1982
Q.C.38	CPI 26218	<i>Trifolium semipilosum</i>	Kenya white clover	Safari	1973	Mackay 1982
Q.C.39	CPI 38842	<i>Stylosanthes hamata</i>	Caribbean stylo	Verano	1973	Mackay 1982
Q.C.40	Q 6059	<i>Lablab purpureus</i>	lablab bean	Highworth	1973	Mackay 1982
Q.C.41	CPI 21378	<i>Paspalum plicatulum</i>	plicatulum	Bryan	1974	Mackay 1982
Q.C.42	CPI 37910	<i>Panicum maximum</i>	Guinea grass	Makueni	1974	Mackay 1982
Q.C.43	CPI 28279	<i>Neonotonia wightii</i>	glycine	Malawi	1975	Mackay 1982
Q.C.44	-	<i>Panicum maximum</i>	Guinea grass	Riversdale	1975	Mackay 1982
Q.C.45	CPI 40292	<i>Stylosanthes scabra</i>	shrubby stylo	Seca	1976	Mackay 1982
Q.C.46	Bred (CSIRO)	<i>Sorghum sp.</i>	forage sorghum	Silk	1977	Mackay 1982
Q.C.47	Bred (CSIRO)	<i>Leucaena leucocephala</i>	leucaena	Cunningham	1977	Mackay 1982
Q.C.48	CPI 40255	<i>Stylosanthes guianensis</i>	stylo	Graham	1979	Mackay 1982
Q.C.49	CPI 40205	<i>Stylosanthes scabra</i>	shrubby stylo	Fitzroy	1979	Mackay 1982

TABLE 1 (cont)

Release No.	Accession/line no. or bred cultivar	Species	Common name	Cultivar name	Year of release	Description published
Q.C.50	CPI 24582	<i>Setaria incrassata</i>	purple grass	pigeonInverell	1980	Mackay 1982
Q.C.51	CPI 16707	<i>Brachiaria humidicola</i>	koronivia grass	Tully	1980	¹ JAIAS 48, 117-118 (1982)
Q.C.52	Bred (CSIRO/QDPI)	<i>Medicago sativa</i>	lucerne	Trifecta	1982	JAIAS 49, 247-249 (1983)
Q.C.53	Bred (in South Africa)	<i>Lolium multiflorum</i>	Italian ryegrass	Midmar	1982	JAIAS 49, 234-235 (1983)
Q.C.54	CPI 34721	<i>Cassia rotundifolia</i>	roundleaf cassia	Wynn	1983	JAIAS 50, 195-196 (1984)
Q.C.55	Bred (CSIRO/QDPI)	<i>Medicago sativa</i>	lucerne	Sequel	1983	JAIAS 51, 81-82 (1985)
Q.C.56	CPI 58491	<i>Aeschynomene americana</i>	jointvetch	Glenn	1983	JAIAS 51, 87-88 (1985)
Q.C.57	Bred (CSIRO)	<i>Setaria sphacelata</i>	setaria	Solander	1984	JAIAS 52, 180-181 (1986)
Q.C.58	CQ 1374	<i>Vigna parkeri</i>	creeping vigna	Shaw	1984	JAIAS 52, 115-118 (1986)
Q.C.59	CPI 38869	<i>Digitaria smutsii</i>	tall finger grass	Premier	1986	JAIAS 53, 311-312 (1987)
Q.C.60	MC 2	<i>Ornithopus compressus</i>	yellow serradella	Madeira	1987	² AJEA 29, 304-305 (1989)
Q.C.61	CPI 58113	<i>Arachis pintoii</i>	pinto peanut	Amarillo	1987	Not yet published
Q.C.62	SA 3508	<i>Medicago scutellata</i>	snail medic	Kelson	1987	AJEA 29, 299 (1989)
Q.C.63	CPI 61147	<i>Echinochloa polystachya</i>	aleman grass	Amity	1987	AJEA 29, 294 (1989)
Q.C.64	CPI 61149	<i>Hymenachne amplexicaulis</i>	hymenachne	Olive	1987	AJEA 29, 293 (1989)
Q.C.65	CPI 55822	<i>Stylosanthes hamata</i>	Caribbean stylo	Amiga	1988	Not yet published

¹JAIAS—Journal of the Australian Institute of Agricultural Science

²AJEA—Australian Journal of Experimental Agriculture.

References

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