



australian crop report

19 february 2008 no.145

abare.gov.au

1 **australian crop production** at 13 february 2008

	area planted				yield				production			
	five year average a	2006-07 a	2007-08 s	2007-08 f	five year average a	2006-07 a	2007-08 s	2007-08 f	five year average a	2006-07 a	2007-08 s	2007-08 f
	'000 ha	'000 ha	'000 ha	'000 ha	t/ha	t/ha	t/ha	t/ha	kt	kt	kt	kt
wheat	12 324	11 624	12 257	12 257	1.73	0.92	1.04	1.07	21 528	10 641	12 695	13 093
barley	4 220	4 098	4 350	4 350	1.87	1.02	1.27	1.36	7 950	4 176	5 545	5 915
oats b	922	978	901	902	1.60	0.75	0.91	0.93	1 476	733	821	837
triticale	400	328	360	360	1.66	0.91	1.53	1.25	660	300	550	450
sorghum b	749	637	795	800	2.51	2.15	2.52	3.06	1 887	1 367	2 003	2 450
maize	70	50	68	68	5.63	4.94	5.19	5.69	391	247	353	387
canola	1 238	1 031	1 061	1 061	1.20	0.50	0.88	1.00	1 458	517	931	1 065
sunflower	58	17	33	33	1.07	1.06	1.18	1.46	62	18	38	49
cottonseed c	298	144	56	63	2.57	2.70	2.62	2.59	770	388	146	164
- lint	298	144	56	63	1.80	1.91	1.85	1.83	536	274	103	116
rice	82	21	2	2	8.52	7.67	7.50	9.00	705	161	15	18
lupins d	935	746	454	454	1.17	0.63	0.73	0.73	1 069	473	331	331
field peas d	353	342	293	293	1.15	0.43	0.91	0.91	389	149	268	268
chickpeas d	153	244	306	306	1.07	0.95	1.02	1.02	162	232	313	313
faba beans d	174	153	133	133	1.42	0.70	1.04	1.04	246	108	138	138
lentils d	137	153	130	130	1.20	0.24	1.01	1.01	160	36	131	131

a Based on data from ABS, *Principal Agricultural Commodities*, cat. no. 7111.0; ABS, *Agricultural Commodities, Australia*, cat. no. 7121.0; and ABARE estimates. **b** Area harvested for grain. **c** Cottonseed area is estimated harvested area. **d** Source: Pulse Australia for 2006/07 and 2007/08; **s** ABARE estimate; **f** ABARE forecast.

Note: The crop year refers to crops planted during the twelve months to 31 March. Winter crops are generally both sown and harvested within the nominated twelve month period. Slight discrepancies may appear between table 1 and tables 2 and 3 as a result of the inclusion of the Australian Capital Territory and Northern Territory in the Australian totals. Area and production estimates are from the sources detailed in footnotes to tables 2 and 3. Coverage is for all farms with an estimated value of agricultural operations of more than \$5000.

2 state production – principal crops at 13 february 2008

	new south wales		victoria		queensland		western australia		south australia		tasmania	
	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt
wheat												
2007-08 latest ABARE estimate	4 000	1 800	1 500	1 850	580	910	4 100	6 100	2 068	2 400	9	33
2007-08 previous ABARE estimate	4 000	1 750	1 500	1 900	580	910	4 100	5 800	2 068	2 300	9	35
2006-07 latest ABS estimate	3 633	2 671	1 374	857	571	750	3 884	4 905	2 155	1 438	7	20
five year average to 2005-06 a	3 648	6 684	1 285	2 332	679	999	4 720	8 118	1 986	3 366	7	28
barley												
2007-08 latest ABARE estimate	1 010	650	920	1 100	89	160	1 150	2 200	1 170	1 772	11	33
2007-08 previous ABARE estimate	1 010	650	920	1 125	89	160	1 150	2 025	1 170	1 550	11	35
2006-07 latest ABS estimate	896	777	909	596	62	58	1 063	1 746	1 160	984	7	15
five year average to 2005-06 a	875	1 572	828	1 543	116	185	1 190	2 232	1 202	2 390	8	26
oats b												
2006-07 latest ABS estimate	394	120	177	134	6	1	291	423	106	53	3	3
lupins c												
2007-08 latest ABARE estimate	62	31	31	25	0	0	300	210	61	65	0	0
2007-08 previous ABARE estimate	62	31	31	25	0	0	300	210	61	65	0	0
2006-07 latest ABS estimate	77	15	45	9	0	0	546	420	77	29	0	0
five year average to 2005-06 a	75	67	33	28	0	0	747	864	79	110	0	1
canola												
2007-08 latest ABARE estimate	240	44	270	200	0	0	390	665	160	155	1	1
2007-08 previous ABARE estimate	240	40	270	225	0	0	390	475	160	190	1	1
2006-07 latest ABS estimate	292	53	187	43	2	1	382	339	168	81	1	1
five year average to 2005-06 a	404	424	240	304	0	1	393	470	200	258	1	1
sorghum												
2007-08 latest ABARE estimate	250	1 000	3	4	545	1 444	2	2	0	0	0	0
2007-08 previous ABARE estimate	250	755	3	4	540	1 242	2	2	0	0	0	0
2006-07 latest ABS estimate	178	431	1	0	458	933	0	0	0	0	0	0
five year average to 2005-06 a	253	748	1	1	493	1 135	1	1	0	0	0	0
cottonseed d												
2007-08 latest ABARE estimate	41	112	0	0	23	52	0	0	0	0	0	0
2007-08 previous ABARE estimate	36	100	0	0	20	46	0	0	0	0	0	0
2006-07 latest ABARE estimate	109	311	0	0	35	77	0	0	0	0	0	0
five year average to 2005-06 a	186	504	0	0	112	266	0	0	0	0	0	0

a Based on data from ABS, *Principal Agricultural Commodities*, cat. no. 7111.0; ABS, *Agricultural Commodities, Australia*, cat. no. 7121.0; and ABARE estimates. **b** Area harvested for grain; current season estimates, by state, are no longer produced because of difficulties in obtaining consistent data at the state level. **c** Includes albus lupins. Source: Pulse Australia. **d** Cottonseed area is estimated harvested area. **s** ABARE estimate. **f** ABARE forecast.

Note: Zero area or production estimates may appear as a result of rounding to the nearest whole number, if production or area estimates are less than 500 tonnes or 500 hectares.

3 state production – other major crops

at 13 february 2008

	new south wales		victoria		queensland		western australia		south australia		tasmania	
	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt	area '000 ha	prod. kt
field peas												
2007-08 current estimate a	46	10	67	60	0	0	50	55	130	143	0	0
2007-08 previous estimate a	46	10	67	60	0	0	50	55	130	143	0	0
2006-07 latest ABARE estimate	57	9	90	10	0	0	60	50	135	80	0	0
five year average to 2005-06 b	25	27	113	87	0	0	74	74	141	199	1	1
maize												
2007-08 current estimate a	20	176	1	7	45	198	2	6	0	0	0	0
2007-08 previous estimate a	20	160	1	7	45	180	2	6	0	0	0	0
2006-07 latest ABARE estimate	17	125	1	6	30	110	2	6	0	0	0	0
five year average to 2005-06 b	24	203	1	7	44	179	0	1	0	0	0	0
chickpeas												
2007-08 current estimate a	215	202	17	19	66	83	1	0	8	9	0	0
2007-08 previous estimate a	215	202	17	19	66	83	1	0	8	9	0	0
2006-07 latest ABARE estimate	157	176	39	10	41	43	2	1	5	3	0	0
five year average to 2005-06 b	71	86	10	12	62	57	8	5	2	2	0	0
sunflowerseed												
2007-08 current estimate a	21	27	0	0	13	22	0	0	0	0	0	0
2007-08 previous estimate a	25	32	0	0	8	6	0	0	0	0	0	0
2006-07 latest ABARE estimate	13	15	0	0	4	3	0	0	0	0	0	0
five year average to 2005-06 b	34	44	0	0	24	18	0	0	0	0	0	0
faba beans												
2007-08 current estimate a	10	9	34	35	0	0	2	4	87	133	0	0
2007-08 previous estimate a	10	9	34	32	0	0	2	3	87	95	0	0
2006-07 latest ABARE estimate	35	60	40	10	0	0	4	3	74	35	0	0
five year average to 2005-06 b	28	49	54	57	0	0	8	8	83	133	0	0
lentils												
2007-08 current estimate a	0	0	69	62	0	0	0	0	60	69	0	0
2007-08 previous estimate a	0	0	69	62	0	0	0	0	60	69	0	0
2006-07 latest ABARE estimate	2	0	80	8	0	0	1	0	70	28	0	0
five year average to 2005-06 b	2	2	71	71	0	0	3	3	61	84	0	0

a Source: Pulse Australia 2006-07 and 2007-08. **b** Based on data from ABS, Principal Agricultural Commodities, cat. no. 7111.0; ABS, Agricultural Commodities, Australia, cat. no. 7121.0 and ABARE estimates. **s** ABARE estimates. **f** ABARE forecast.

Note: Zero area or production estimates may appear as a result of rounding to the nearest whole number, if production or area estimates are less than 500 tonnes or 500 hectares.

4 australian rainfall comparisons for principal cropping districts

	october			november			december			january		
	average	2006	2007	average	2006	2007	average	2006	2007	average	2007	2008 p
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
queensland												
central highlands (35)	42	4	36	60	53	115	86	69	96	94	86	210
maranoa (43)	46	5	49	59	56	89	69	41	116	75	70	121
west darling downs (42)	48	3	58	58	44	62	71	37	104	77	51	69
east darling downs (41)	62	4	75	73	72	96	93	44	81	90	40	67
moreton south coast (40)	76	13	73	95	79	87	128	82	111	151	62	168
new south wales												
north west Plains (w) (52)	42	6	47	49	42	60	53	24	154	71	27	70
north west Plains (e) (53)	48	12	50	60	50	71	63	24	133	76	36	85
north west slopes (n) (54)	61	18	58	71	74	65	80	27	109	84	38	101
north west slopes (s) (55)	75	18	53	84	67	75	97	36	149	106	40	73
northern tablelands (n) (56)	61	25	76	65	130	107	75	52	129	82	68	118
central west Plains (s) (50)	43	2	9	41	14	84	44	18	111	47	42	51
central west Plains (n) (51)	40	4	22	41	28	61	44	20	172	55	43	72
central west slopes (n) (64)	53	3	33	57	49	92	62	32	181	76	46	79
central west slopes (s) (65)	55	2	17	52	15	95	52	31	120	59	36	65
central tablelands (n) (62)	58	6	39	62	35	127	62	44	133	71	39	91
central tablelands (s) (63)	75	6	26	76	31	140	80	44	100	93	55	73
riverina (w) (75)	37	1	8	27	21	56	28	9	67	28	32	43
riverina (e) (74)	47	1	22	35	28	52	36	5	76	35	23	47
south west slopes (n) (73)	58	2	24	48	22	84	48	14	100	50	26	54
south west slopes (s) (72)	82	12	38	61	46	98	59	15	122	54	33	59
southern tablelands (Gm) (70)	63	5	24	62	31	111	60	34	93	62	33	54
victoria												
north mallee (76)	32	1	9	25	15	43	20	9	28	20	62	27
south mallee (77)	37	1	8	28	17	43	23	9	37	21	61	27
north wimmera (78)	41	2	10	30	12	52	25	7	38	23	66	27
south wimmera (79)	49	5	18	36	12	71	30	11	46	26	88	31
lower north (80)	43	1	7	32	18	39	28	9	56	29	33	47
upper north (81)	50	1	9	37	21	53	34	9	67	34	38	48
lower north east (82)	78	7	36	59	37	92	55	12	102	47	34	72
upper north east (83)	107	15	45	81	39	136	70	21	98	59	47	80
north central (88)	69	8	14	54	31	68	48	22	79	41	49	40
central western (89)	62	13	28	53	19	98	43	14	69	36	89	35
western australia												
north coast (8)	18	7	15	10	8	1	8	17	30	12	17	2
central coast (9)	50	24	40	23	20	3	12	9	35	10	18	1
northern central (10)	19	13	16	13	19	1	11	16	32	14	31	5
south coast (9A)	64	31	64	36	29	8	21	10	44	18	50	8
south central (10A)	29	13	36	20	17	2	14	11	34	15	25	5
south east (12)	14	25	9	16	16	6	17	32	38	22	64	8
south australia												
upper south east (25B)	41	1	20	29	11	37	25	17	34	19	57	8
murray mallee (25A)	32	0	11	23	18	34	20	15	26	17	61	9
murray river (24)	32	1	18	23	13	36	22	14	22	18	59	9
east central (23)	52	1	29	34	22	36	29	21	30	22	57	5
west central (22)	36	2	30	24	10	34	20	14	26	15	34	4
lower north (21)	42	0	32	29	22	41	24	23	24	21	79	4
upper north (19)	31	1	21	25	11	38	23	23	25	22	105	4
western (18)	27	2	13	20	13	18	19	14	40	13	24	4
tasmania												
northern (91)	91	38	79	68	28	24	65	37	99	49	63	16
midlands (93)	54	28	33	48	17	14	54	29	51	41	47	8

a Average rainfall is the simple arithmetic average of rainfall over the period 1913 to 2007. p Preliminary.

Note: Numbers in parentheses indicate meteorological districts (see map on page iv).

Source: Bureau of Meteorology monthly district rainfall reports (various issues).

5 australian supply and disposal of wheat, oilseeds and pulses ^a

	2002-03	2003-04	2004-05	2005-06	2006-07 ^s	2007-08 ^f
	kt	kt	kt	kt	kt	kt
wheat						
production	10 132	26 132	21 905	25 173	10 641	13 093
domestic use ^b	5 515	5 738	6 024	6 540	7 377	6 413
- human and industrial	2 427	2 518	2 342	2 287	2 264	2 242
- feed ^c	2 500	2 550 ^d	3 060 ^d	3 672 ^d	4 500 ^d	3 500 ^d
- seed	588	670	623	581	613	672
exports	9 107	17 868	14 675	15 969	8 685	6 581
change in stocks	-4 490	2 526	1 206	2 664	-5 421	99
canola						
production	871	1 703	1 542	1 419	517	1 065
domestic use	354	501	423	525	536	696
- crushers	349	495	418	520	531	690
- seed	5	6	5	5	5	6
exports	517	1 202	892	831	228	319
pulses – major crops						
production						
lupins	726	1 180	937	1 289	473	331
field peas	178	487	289	478	149	268
chickpeas	136	178	116	123	232	313
apparent domestic use ^c						
lupins	750	468	508	555	344	252
field peas	85	89	96	107	123	129
chickpeas	13	9	9	18	22	26
exports						
lupins	175	712	365	494	189	159
field peas	96	221	115	252	138	201
chickpeas	113	190	152	161	241	282

^a Production, use and export data are on a marketing year basis: October–September for wheat; November–October for canola, peas and lupins. Production may not equal the sum of apparent domestic use and exports in any one year due to reductions or increases in stocks. ^b Some ABARE estimates have been revised based on additional industry information. ABARE is continuing to investigate data. ^c Calculated as a residual: production less exports less change in stocks. ^d Does not include imports. ^s ABARE estimate. ^f ABARE forecast.

Note: The export data refer to market year export periods, so are not comparable with financial year export figures published elsewhere.

Sources: Australian Bureau of Statistics; ABARE.

6 australian supply and disposal of coarse grains ^a

	2002-03	2003-04	2004-05	2005-06	2006-07 ^s	2007-08 ^f
	kt	kt	kt	kt	kt	kt
barley						
production	3 865	10 382	7 740	9 483	4 176	5 915
domestic use	2 016	2 476	2 670	2 760	3 153	2 860
- as malt and other human use	165	168	172	176	166	165
- feed	1 650	2 100	2 300	2 400	2 784	2 500
- seed	201	208	198	184	203	195
export	2 607	6 999	4 862	5 917	2 558	3 166
- feed barley	885	4 241	2 798	3 191	1 192	1 430
- malting barley	1 099	2 135	1 464	2 067	655	1 002
- malt (grain equivalent)	624	624	601	660	627	733
oats						
production	957	2 018	1 282	1 690	733	837
domestic use	836	1 809	1 144	1 499	685	802
- human	128	131	134	138	141	144
- feed	656	1 635	965	1 314	502	613
- seed	52	43	45	47	43	45
export	121	210	138	191	35	35
triticale ^b						
production	327	826	611	676	300	450
domestic use	327	826	611	676	300	450
- feed	305	807	594	660	282	432
- seed	22	19	17	16	18	18
grain sorghum						
production	1 465	2 009	2 011	1 929	1 367	2 450
domestic use	1 401	1 386	1 753	1 846	1 329	1 732
- feed	1 397	1 382	1 749	1 842	1 325	1 729
- seed	4	4	4	3	4	4
export ^c	64	623	259	83	90	718
maize						
production	310	395	418	380	247	387
domestic use	294	385	413	370	237	342
- human, industrial	104	106	109	112	115	117
- feed	189	277	303	258	121	223
- seed	1	1	1	1	1	1
export ^c	16	10	5	10	11	12
total coarse grains						
production	6 924	15 630	12 062	14 158	6 823	10 039
domestic use	4 874	6 882	6 592	7 150	5 704	6 186
- human, industrial	396	406	415	425	421	427
- feed	4 197	6 201	5 910	6 473	5 014	5 496
- seed	281	275	266	252	269	264
export	2 810	7 845	5 265	6 135	2 830	3 150

^a Production, use and export data are on a marketing year basis: market years are November-October for barley, oats and triticale; March-February for sorghum and maize. The sum of domestic use and exports may differ from production as a result of changes in grain stock levels. ^b Excludes small quantities of triticale for export. ^c Exports reflect the volume of grain exported from the respective crops harvested. For example the volume of exports reported for sorghum in 2002-03, were actually shipped in the period March 2003 to February 2004. ^s ABARE estimate. ^f ABARE forecast.

Sources: Australian Bureau of Statistics; ABARE.

7 australian grain prices ^a

	2006		2007				
	jul-sep	oct-dec	jan-mar	apr-jun	jul-sep	oct-dec	jan-mar ^s
	A\$/t	A\$/t	A\$/t	A\$/t	A\$/t	A\$/t	A\$/t
wheat							
domestic							
feed - sydney	227	323	312	295	345	444	458
export							
australian standard white b	292	304	297	289	357	na	na
international							
us no.2 hard red winter, fob gulf b	273	283	266	259	348	403	406
barley							
domestic							
2 row feed - sydney	208	333	328	320	355	371	306
export c							
feed (bulk)	181	249	214	242	279	316	285
malting (bulk)	207	263	351	314	299	379	329
international							
feed - us no. 2 fob portland b	180	269	269	244	330	375	327
sorghum							
domestic							
feed - sydney	203	304	296	284	324	421	332
export c	211	398	395	409	266	344	328
international							
us del. gulf b	178	242	246	209	218	223	247
oats							
domestic							
feed - sydney	207	412	465	385	339	389	352
export c	276	296	409	483	425	454	409
international							
us heavy white, del. portland b	194	206	234	252	262	285	274
maize							
domestic							
feed - sydney	229	338	387	399	424	451	411
international							
us no.2 fob gulf b	154	203	218	192	181	194	233
oilseeds							
domestic							
canola - del. melbourne	426	537	543	463	524	648	639
sunflower - del. melbourne	400	474	550	550	550	942	970
international							
soybeans - us cif rotterdam b	349	377	405	408	468	545	577
pulses							
domestic							
lupins - del. perth	204	163	na	na	308	318	324
chickpeas - del. melbourne	628	608	688	687	738	572	574
field peas - del. melbourne	245	317	378	394	393	433	512
export c							
chickpeas	689	674	708	793	892	689	760
field peas	282	313	355	391	400	421	501

^a Prices refer to bulk sales of grain delivered to Sydney region. Export prices for coarse grains are the average unit fob value of Australian exports recorded by the Australian Bureau of Statistics. Prices quoted only for months in which sizable export volumes were recorded. International prices are obtained from the Unicom Newswire service in US\$ and converted to A\$ using monthly average of daily exchange rates. ^b Average of daily offer prices made in US\$, converted to A\$ using monthly average of daily exchange rates. ^c Export unit values do not reflect current market prices but the average price received for grain exported over the quarter. Generally, there can be a long lag time between when prices were negotiated by exporters and the physical export of product. ^s ABARE estimate. **na** Not available.

Note: Prices used in these calculations exclude the GST.