



155th Heritage Bank

Toowoomba Royal Show

28th - 30th March 2019

Crop Competition Schedule

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Heritage Seeds

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Vanderfield

Pacific Seeds

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Nuseed

Namoi Cotton

Avis Toowoomba

Associated Grain

Paul Johnston Memorial Trust

Grainhart

Emerald Grain

Daimler Trucks Toowoomba



IRRIGATED CROP COMPETITION

COMMITTEE PERSON IN
CHARGE

Mr Andrew Speed

0427 376 807

ENTRY FEE HARDCOPY - \$6.50 FOR RASQ MEMBERS
 \$7.00 FOR NON RASQ MEMBERS
ONLINE - \$5.50 FOR RASQ MEMBERS
 \$6.00 FOR NON RASQ MEMBERS

COMPETITION CLASSES

- Class 1- Sorghum – Sponsored by DOWNS WATER WAREHOUSE
- Class 2- Soybeans - Sponsored by PB AGRIFOOD
- Class 3- Maize – Sponsored by AVIS TOOWOOMBA
- Class 4- Fibre Crops- Sponsored by QUEENSLAND COTTON
- Class 5- Sunflowers – Sponsored by VANDERFIELD
- Class 6- Wheat, Barley, Triticale, Canary & Chickpeas- Sponsored by GRAINHART
- Class 7- Double Crops- Sponsored by PIONEER BRAND SEEDS

PRIZES

- 1st, 2nd and 3rd in each class
- A Reserve Champion Crop- Sponsored by PACIFIC SEEDS will be selected from either the dryland or irrigated section
- The Champion Crop – Sponsored by QUEENSLAND COUNTRY LIFE-GRAINS OUTLOOK will be selected from either the dryland or irrigated section.

AREA OF COMPETITION

The area of competition comprises the area of southern Queensland bounded by and including the shires and districts of:

South Burnett Regional Council, Toowoomba Regional Council, Western Downs Regional Council, Lockyer Valley Regional Council, Southern Downs Regional Council.

CROPS	YIELD KILOGRAMS PER HECTARE		%MOISTURE CONTENT
	STANDARD	CEILING	
SUMMER CROPS			
Maize	7639	15279	14.0%
Soybeans	2480	4961	13.0%
Mungbeans	1500	3000	13.0%
Sorghum	5843	11686	13.5%
Sunflowers	908 kg. oil/ha	1816 kg oil/ha	9.0%
Cotton	8.205 bales/h	16.41 bales/h	
WINTER CROPS			
Wheat	3694	7388	12.0%
Barley	3799	7598	12.5%
Canary	1232	2464	12.0%
Triticale	3880	7760	12.0%
Chickpeas	2745	5489	13.0%
Faba Beans	2500	5000	13.0%

IRRIGATED COMPETITION STANDARD

JUDGING

Judging is on

YIELD ONLY

**Corrected for
moisture content as
percentage shown in
the conditions.**

**Standard Yield – 100
points**

**Yield increment – 10
points**

**10 increments
between standard
and ceiling level –
each (10) points
value.**

ENTRIES

CLOSE

Summer Crops

1st September 2018

Winter Crops

31st December 2018

COMPETITION CONDITIONS

The Sunflower Competition will be judged on kg of oil/ha based on results obtained from an independent laboratory.

Standard Yield is the minimum yield required for a crop to qualify for prize money.

Ceiling Yield is the maximum yield achieved to date in the competition. It must be measured from a minimum of 0.4 hectares in order for the ceiling to be increased.

1. Only commercial named and acceptable varieties of Wheat and commercial approved strains of other summer and winter crops may be entered in the competition.

Summer Crops: Maize, Soybeans, Mungbeans, Sorghum, Sunflowers and Cotton

Winter Crops: Wheat, Barley, Canary, Triticale, Chickpeas and Faba Beans.

2. Competitors may enter any number of plots, of each of any named variety of Irrigated Agricultural Crop, which has been pre and/or post watered, of not less than (10) hectares in one piece. Plots of the same variety must have different recent crop history.

OR

Where strip cropping is practiced, one or more strips of identical crop history and uniform treatment shall be eligible.

3. Judging will be carried out by Officers of the Department of Primary Industries and Scrutineers appointed by the Royal Agricultural Society of Queensland. The Judges decision shall be final.

Entrants must notify the scrutineer 48 hours before harvest. Any entry likely to exceed the ceiling yield must be taken over an area of 0.4 hectares.

4. Each entry must have uniform treatment throughout and similar recent crop history. A yield test representative of the whole area, comprising 0.1 hectare or more, will be taken at the Judge's discretion.

5. Cotton Crops are assessed on a module basis. The area harvested must be measured by tape (not a wheel) and the number of rows and row spacing recorded by the Scrutineer. Assessment of other crops is up to the discretion of the Scrutineers.

6. Scrutineering forms with complete crop information and yield results should be forwarded directly to the R.A.S.Q.

7. In the Class 7 (Double Cropping Class) the Double Cropping Declaration section at the bottom of the Entry Form must be completed.

PLEASE NOTE THAT THE PREVIOUS CROP MUST HAVE REACHED THE STANDARD YIELD LEVEL.

8. All entries failing to reach the standard yield requirement will fail to qualify for prize money.

9. Entries are made subject to the Rules, By-Laws and Regulations of the Royal Agricultural Society of Queensland.

10. The Society reserves the right of refusing or cancelling any entry without giving the reason for so doing.

11. In the event of there being no competition, the merit of the exhibit shall be the sole guide in awarding or withholding of any prize, also if the merit of the exhibit is not, in the opinion of the Judge, sufficient to entitle it to a prize, the Judge may withhold any or all of the prizes.

12. Results will be announced prior to the Toowoomba Royal Show.



DRYLAND CROP CHAMPIONSHIP

CROPS ELIGIBLE FOR THIS CHAMPIONSHIP ARE:

- Maize – Sponsored by HERITAGE SEEDS
- Cotton- Sponsored by NAMOI COTTON
- Grain Sorghum – Sponsored by PIONEER BRAND SEEDS
- Mung Beans– Sponsored by AUSTRALIAN MUNGBEAN ASSOCIATION
- Sunflowers- Sponsored by NUSEED
- Pulse Crops (Winter) – Sponsored by ASSOCIATED GRAIN

AREA OF COMPETITION

The area of competition comprises the area of southern Queensland bounded by and including the shires and districts of:

South Burnett Regional Council, Toowoomba Regional Council, Dalby Regional Council, Lockyer Valley Regional Council, & Southern Downs Regional Council.

PRIZES

- 1st, 2nd and 3rd in each class
- A Reserve Champion Crop- Sponsored by PACIFIC SEEDS will be selected from either the dryland or irrigated section
- The Champion Crop – Sponsored by QUEENSLAND COUNTRY LIFE-

CROPS	YIELD KILOGRAMS PER HECTARE		%MOISTURE CONTENT
	STANDARD	CEILING	
<i>SUMMER CROPS</i>			
Maize	6285	12570	14.0%
Mungbeans	1575	3150	13.0%
Sorghum	6185	12370	13.5%
Sunflowers	959 kg oil/ha	1918 kg oil/ha	9.0% 40 % oil
Cotton	5.03 bales/h	10.06 bales/h	
<i>WINTER CROPS</i>			
Chickpeas	2012	4025	13.0%

GRAINS OUTLOOK will be selected from either the dryland or irrigated section.

JUDGING

Judging is on

YIELD ONLY

Corrected for moisture content as percentage shown in the conditions.

Standard Yield – 100 points

Yield increment – 10 points

10 increments between standard and ceiling level – each (10) points value.

DRYLAND COMPETITION STANDARDS

1. Only commercial approved strains of summer and winter crops may be entered in the competition. Summer Crops- Maize, Summer Pulses, Sorghum, Sunflowers and Cotton.

Winter Crops-

Winter Pulses

2. Competitors may enter any number of plots, of each, of any named variety of dryland agricultural crop, which has not been pre and/or post watered, of not less than (10) hectares in one piece. Plots of the same variety must have different recent crop history

OR

Where strip cropping is practiced, one or more strips of identical crop history and uniform treatment shall be eligible.

3. Judging will be carried out by Officers of the Dept. of Primary Industries and Scrutineers appointed by the Royal Agricultural Society of Queensland. The Judges' decision will be final. **Entrants must notify the Scrutineer 48 hours before harvest. Any entry likely to exceed the ceiling yield must be taken over an area of 0.4 hectares.**

4. Each entry must have uniform treatment throughout and similar recent crop history. A yield test representative of the whole area, comprising 0.1 hectare or more, will be taken at the Judges' discretion.

5. Cotton crops are assessed on a module basis. The area harvested must be measured by tape (not a wheel) and the number of rows and row spacing recorded by the Scrutineer. Assessment of other crops is up to the discretion of the Scrutineers.

6. Scrutineering forms with complete crop information and yield results should be forwarded directly to the RASQ.

7. All entries failing to reach the standard yield requirement will fail to qualify for prize money

8. Entries are made subject to the rules, by-laws and regulations of the Royal Agricultural Society of Queensland.

9. The Society reserves the right of refusing or cancelling any entry without giving reason for so doing.

10. In the event of there being no competition, the merit of the exhibit shall be the sole guide in awarding or withholding of any prize, also, if the merit of the exhibit is not, in the opinion of the judge, sufficient to entitle it to a prize, the judge may withhold any or all of the prizes.

11. Results will be announced prior to the Toowoomba Royal Show

12. Each company allowed a maximum of twelve (12) Sorghum entries.

13. **Entries will not be accepted if block can be irrigated.**

The Sunflower Competition will be judged on kg. of oil/ha obtained from an independent laboratory.

Standard Yield is the minimum yield required for a crop to qualify for prize money

Ceiling Yield is the maximum yield achieved to date in the competition. It must be measured from a minimum of 0.4 hectares in order for the ceiling to be increased.

SCRUTINEER'S INSTRUCTION

- Set up weigh wagons as per operating instructions
- Measure 0.1 hectare as per table
- Check head bin to confirm it is empty
- Harvest 0.1 hectare
- Weigh and record
- Collect sample and moisture test
- Check ceiling yield- if exceeding harvest 0.4 hectare
- Record crop details as per form
- Send entry form with entry fee to RASQ office
- Send Scrutineer's Form direct to the RASQ office
- COTTON CROPS- 1. Check the harvesting of one module
- 2. Record number of rows and row length
- 3. Ensure module docket is clearly identified as per crop entry.
- 4. Record module number on the entry form.
- Check standard yield/ceiling yield table
- The following formula will be used to standardize grain moisture (normally done by Judges)

$$\text{Adjusted Yield} = \frac{\text{Weight} \times (100 - \text{moisture})}{(100 - \text{Standard})}$$

MEASUREMENT FOR CROP COMPETITION ROW CROPS

WEIGH WAGONS

For access to weigh wagons, please contact your local seed company representative or agricultural chemical retailer.

Row Width Ins. Cm.	1 ROW	5 ROW	6 ROW	7 ROW	8 ROW	9 ROW	10 ROW
28 71	1410	282	235	201	176	157	141
30 76	1315	263	219	188	164	146	132
34 86	1157	231	193	165	145	129	116
36 91	1094	219	182	156	137	122	109
40 102	984	197	164	141	123	109	98

PLEASE NOTE: This table shows distance in metres for a 1/10 hectare with various row spacing and row numbers.

Header Width in Feet	Header Width in Metres	Distance (metres)
14' 9"	4.5	222
15'	4.57	219
15' 3"	4.65	215
15' 9"	4.8	208
16'	4.88	205
16' 3"	4.95	202
17' 9"	5.41	185
18'	5.49	182
18' 3"	5.56	180
19' 9"	6.02	166
20'	6.1	164
20' 3"	6.17	162
21' 9"	6.63	151
22'	6.71	149
22' 3"	6.78	147.5
23' 9"	7.24	138
24'	7.32	137
24' 3"	7.39	135
25'	7.62	131
26'	7.92	126
26' 6"	8.07	123.9
30'	9.14	109.5
36'	10.98	91
40'	12.2	82

PLEASE NOTE: Header front to be measured from the points of the crop dividers.

Distances should be measured by TAPE OR WHEEL at the Scrutineer's discretion



EMERALD GRAIN

FIELD WHEAT COMPETITION

PAUL JOHNSTON MEMORIAL TRUST

FIELD BARLEY COMPETITION

AREA OF THE COMPETITION

The area of competition comprises the area of southern Queensland bounded by and including the shires and districts of:

South Burnett Regional Council, Toowoomba Regional Council, Dalby Regional Council, Lockyer Valley Regional Council, & Southern Downs Regional Council.

PRIZES

- Reserve Champion and Champion Field Wheat –Sponsored by PB GRAINS
- Reserve Champion and Champion Field Barley- Sponsored by PAUL JOHNSTON MEMORIAL TRUST

NOMINATION

- No entry fee is required
- Local show Societies need to nominate their first placed crops to the RASQ Steward by the dates specified in the judging schedules, which are sent out each year. This information should be provided to RASQ Steward – Mr John Roessler- Ph. 4634 1064, Fax: 4633 4675- in writing, using the local Field Wheat and Barley Competition, 'Notification of Winners' form.

JUDGES

- Judging of local crop competitions shall be the responsibility of each show society.
- Final judging will be carried out by two officers of the Queensland Department of Primary Industries, Plant Tech Pty. Ltd. Or growers appointed by the RASQ. The judges' decision will be final.

REGULATIONS

The crop is to be:

- a. The winning Wheat and Barley entry in a local show society competition.
- b. A minimum area of ten hectares (25acres) to be available for judging, and clearly defined by stakes, headlands and /or natural boundaries (creek, gully, tree line)
- c. An area having at least one headland, and as far as possible, square or rectangular – running parallel to a fence line or natural line of demarcation. N.B. if any boundary is a tree line, the area of crop affected by competition or bird attack, will be excluded from assessment but the net crop area should still be ten hect.

Special consideration may be given to strip crops and Contour areas where more than one adjacent block is required to make up the ten-hectare area. Areas, which are pegged irregularly across a paddock to avoid poor or eroded patches, are not eligible.

- d. Wheat- of a hard grain, premium wheat variety (Prime Hard or Australian Hard) currently recommended by the Queensland Department of Primary Industries for planting in Queensland. Barley- Any feed or malting variety as there is not a protein bonus.
- e. Grown under dryland conditions.

N...B. If a crop is damaged by storm or other causes to final judging, it may be withdrawn in favour of another crop on the owner's property

JUDGING – BASIS FOR ASSESSMENT

AIM

Local competitions have developed different bases for judging, with recent addition of points for management.

The bases for judging local competitions should remain the prerogative of each Show Society, however, the basis for final judging for the Queensland Dryland Field Wheat and Barley Competition will be as follows:

Estimated Yield	- 15 points per tonne / hectare. 1 tonne / hectare is equivalent to 15 bushels / acre and worth 15 points.
Variety Purity / Trueness to Type	- 10 points
Freedom from Disease	- 15 points
Crop Evenness	- 15 points
Crop Condition	- 15 points
Freedom from Weeds	- 25 points
Grain Protein (Wheat only)	- 15 points (1.5 points for every percent of protein above ten percent, as determined from a <i>bona fide</i> grain sample tested by Graincorp in Toowoomba.)

To promote the efficient and profitable production of high quality wheat and barley

All conditions must be complied with; otherwise the entrant will be disqualified.

Championship trophies and prizes will be presented at the Toowoomba Royal Show on 30th March 2017.



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IRRIGATED CROPS COMPETITION ENTRY FORM

Please send entry form to RASQ- P O BOX 18099, CLIFFORD GARDENS,
TOOWOOMBA, QLD 4350. EMAIL: rasqadmin@rasq.com.au

ENTRIES CLOSE

Summer Crops: 1st September - Winter Crops: 31st. December

CLASS 1 – SORGHUM

CLASS 4- FIBRE CROPS

CLASS 6 – WINTER CROPS

CLASS 2 – LEGUMES

CLASS 5- SUNFLOWERS

CLASS 7 – DOUBLE CROPS

CLASS 3 – MAIZE

PLEASE NOTE: Separate forms must be used for each crop entered.

COMPETITOR			
ADDRESS			
PHONE:	BUSINESS	HOME	MOBILE
EMAIL			
FAX			
TYPE OF CROP:			
VARIETY			
CLASS NUMBER			
DISTRICT IN WHICH CROP IS GROWN			
SHIRE			
DATE OF PLANTING			
DATE OF HARVEST (Est.)			
TOTAL AREA OF CROP			

CLASS 7 - DOUBLE CROPPING DECLARATION

(Please Note: Separate Entry Fee Required)

I/We hereby certify that the above crop is a Double Crop on the same plot of ground and listed hereunder are details of the previous crop and I/we declare that all these details are correct.

Previous Crop.....Harvest Date.....

Yield.....(Previous crop must have reached standard yield level)

Signature of Competitor.....Date.....

Printed Name of Competitor.....

Signature of Witness.....Date.....

Printed Name of Witness.....



IRRIGATED CROP COMPETITION SCRUTINEERS FORM

Name of Grower/Company.....

Contact Person.....

Address.....Town/Code.....

Phone:B.....H.....Mobile.....

Fax:.....Email.....

Type of Crop.....Variety.....Class Number.....

AGRONOMIC DETAILS

Harvested Plant Population(mean of 5 x 1 metre plant counts)	
Planting Date:	Planting Rate:
Fertiliser Program:	Herbicide Program:
Insecticide Program:	Growth Regulators:
Production System:	Number Irrigations:
Previous Crop:	Length of Fallow:
Harvest Date:	Cotton Module No.
Length Harvested:	Width Harvested:
No. of Rows:	Row Spacing:
Weight of harvested area:	Moisture %
Oil Content %	Corrected Yield
Other Harvest Details:	
Total area of Crop:	

Scrutineer's Signature

Date Printed Name

Competitor's Signature

Date Printed Name

Please send Scrutineer's Form to: R.A.S.Q., P.O.Box 18099, CLIFFORD GARDENS, TOOWOOMBA, QLD 4350

Email: rasqadmin@rasq.com.au



DRYLAND CROPS COMPETITION ENTRY FORM

Please send entry form to RASQ- P O BOX 18099, CLIFFORD GARDENS,
TOOWOOMBA, QLD 4350. EMAIL: rasqadmin@rasq.com.au

ENTRIES CLOSE:

Summer Crops: 1st. September

Winter Crops: 31st December

CROPS ELIGIBLE FOR THIS CHAMPIONSHIP ARE:

Maize, Cotton, Grain Sorghum, Pulse Crops (winter & summer),
Sunflowers

AREA OF COMPETITION

The area of competition comprises the area of southern Queensland bounded by and including the shires and districts of:
South Burnett Regional Council, Toowoomba Regional Council, Dalby Regional Council, Lockyer Valley Regional Council, & Southern Downs Regional Council.

Please Note: Separate Entry Forms must be used for each crop entered.

Name of Grower/Company			
Contact Person			
Address			
Phone/Contact Details	Business	A/hrs	Mobile
	Email	Fax	

CROP DETAILS

Type of Crop	Variety:
Date of Planting:	Date of harvest (est.)
Total area of crop:	



DRYLAND CROP COMPETITION SCRUTINEERS FORM

Name of Grower/Company.....

Contact Person.....

Address:.....Town/Code.....

Phone.B.....A/hrs.....

Mobile.....Email.....

Type of Crop.....Variety.....

AGRONOMIC DETAILS

Planting Date and Rate	
Fertiliser Program	
Herbicide Program	
Previous Crop/fallow length	
Length of area harvested	
Width of area harvested	
Weight of area harvested	
Total area of crop to be harvested	

ALL GRAINS

Harvest Moisture %.....Harvest Yield.....

Sunflower – oil..... Admixture %.....

(Send sample to SGS Agritech Pty. Ltd. Toowoomba)

Cotton Module No.....

Scrutineer's Signature.....Date.....Scrutineer's Printed Name.....

Competitor's Signature.....Date.....Competitor's Printed Name.....

Please send Scrutineer's Form to: R.A.S.Q.,
P.O.Box 18099. Clifford Gardens, TOOWOOMBA QLD 4350.

Email: rasgadmin@rasq.com.au