

# National Maize Yield Competition



**Maize Association of Australia**  
**534 Craven Rd, Tatura, Vic 3616**  
**Email: [lizmann.ag@gmail.com](mailto:lizmann.ag@gmail.com)**

***Current highest recorded yield in Australia is 21 t/ha, the Maize Association of Australia is establishing this competition to see if this record can be broken.***

***The winner of each of each section will be interviewed by the MAA, with an article submitted to the COB.***

**JUDGING:** Judging is on YIELD ONLY, Corrected for moisture content as percentage

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

The standard yield is the minimum yield estimate required to enter the competition.

**Categories:**

1. Irrigated

## **IRRIGATED COMPETITION STANDARDS**

<b>CROPS</b>	<b>YIELD KILOGRAMS PER HECTARE</b>		<b>%MOISTURE CONTENT</b>
	<b>Standard</b>	<b>Existing Record</b>	
Maize	15000	21000	14.0%

NB. Existing Record is the current highest yield, each year has different conditions, hence you may not need to achieve this yield to win in any given year.

2. Dryland

## **DRYLAND COMPETITION STANDARDS**

<b>CROP</b>	<b>YIELD KILOGRAMS PER HECTARE</b>		<b>%MOISTURE CONTENT</b>
	<b>Standard</b>	<b>Existing Record</b>	
Maize	6285	TBC	14.0%

Entry fee – One entry is free if a current MAA member, non-members \$125 (includes MAA membership)

A Perpetual Shield will be presented to the winner in each category at an award dinner to align with MAA AGM.

# COMPETITION CONDITIONS

**Existing Record Yield** is the maximum yield achieved to date in Australia.

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

1. Only commercial approved strains of crops may be entered in the competition.
2. Competitors may enter any number of plots, of each of any named hybrid of Irrigated Agricultural Crop, which has been pre and/or post watered (irrigated only) or not pre and/or post watered (dryland only), of not less than (10) hectares in one piece. Plots of the same hybrid must have different recent crop history.
3. Judging will be carried out by a scrutineer approved by the Maize Association of Australia. Scrutineers must be independent and may be local agronomists or chemical resellers. The Judges decision shall be final.

**Entrants must notify the scrutineer 48 hours before harvest.**

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. The area harvested must be measured by wheel or hand held GPS and the number of rows and row spacing recorded by the Scrutineer.
6. Scrutineering forms with complete crop information and yield results should be forwarded directly to the MAA.
7. Entries will not be accepted for the Dryland Category if the block can be irrigated.
8. Entries are made subject to the Rules, By-Laws and Regulations of the Maize Association of Australia.
9. MAA reserves the right of refusing or cancelling any entry without giving the reason for so doing.
10. Results will be announced in the "COB"

# 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 (weight must be recorded from weigh wagons or load cells, yield data from harvester is not acceptable)
- Collect sample and moisture test
- Check existing record yield- if exceeding harvest 0.4 hectare
- Record crop details as per form
- Send entry form with entry fee to the Executive Officer of the MAA
- Send Scrutineer's Form direct to the Executive Officer of the MAA
- Check standard yield/existing record yield table
- The following formula will be used to standardize grain moisture (normally done by Scrutineers)  
(Sample to be tested by scrutineer using a moisture meter)

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

# MEASUREMENT FOR CROP COMPETITION

## ROW CROPS

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.

Distances should be measured by Wheel or Hand Held GPS at the Scrutineer's discretion

# IRRIGATED CROPS COMPETITION ENTRY FORM

Please send entry form to Executive Officer, Maize Association of Australia, 534 Craven Rd, Tatura, Vic 3616.      EMAIL: lizmann.ag@gmail.com

**ENTRIES CLOSE:**      **ENTRY FEES: MAA Member – Free, Non-Members -\$125**  
Current season crop yields to be submitted by 31 July 2019

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

**CROP DETAILS**

Date of Planting:	Hybrid:
Total area of crop:	Date of harvest (est.)

**NB. PHOTO OF GROWER IN CROP DURING THE SEASON OR AT HARVEST TO BE INCLUDED WITH ENTRY**

# IRRIGATED CROP COMPETITION SCRUTINEERS FORM

Name of Grower/Company.....

Contact Person.....

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

Phone:.....Mobile.....

Email.....

Hybrid..... Harvest Date: .....

## AGRONOMIC DETAILS

Planting Date and Rate	
Fertiliser Program	
Herbicide Program	
Previous Crop/fallow length	
Type of irrigation system	
Quantity of water applied (ML/ha)	
Length of area harvested	
Width of area harvested	
Number of rows	
Row spacing	
Weight of area harvested	
Moisture %	
Adjusted yield  Adjusted Yield = $\frac{\text{Weight} \times (100 - \text{moisture})}{(100 - \text{Standard})}$	
Total area of crop to be harvested	

\_\_\_\_\_  
Scrutineer's Signature

\_\_\_\_\_  
Date Printed Name

\_\_\_\_\_  
Competitor's Signature

\_\_\_\_\_  
Date Printed Name

Please send Scrutineer's Form to Executive Officer, Maize Association of Australia, PO Box 2293, Shepparton, Vic 3632.

EMAIL: lizmann.ag@gmail.com

# DRYLAND CROPS COMPETITION ENTRY FORM

Please send entry form to Executive Officer, Maize Association of Australia, 534 Craven Rd, Tatura, Vic 3616.      EMAIL: lizmann.ag@gmail.com

**ENTRIES CLOSE:**      **ENTRY FEES: MAA Member – Free, Non-Members -\$125**  
Current season crop yields to be submitted by 31 July 2019

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

## CROP DETAILS

Date of Planting:	Hybrid:
Total area of crop:	Date of harvest (est.)

**NB. PHOTO OF GROWER IN CROP DURING THE SEASON OR AT HARVEST TO BE INCLUDED WITH ENTRY**

# DRYLAND CROP COMPETITION SCRUTINEERS FORM

Name of Grower/Company.....

Contact Person.....

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

Phone:.....Mobile.....

Email.....

**Hybrid**..... **Harvest Date:** .....

## AGRONOMIC DETAILS

Planting Date and Rate	
Fertiliser Program	
Herbicide Program	
Previous Crop/fallow length	
Length of area harvested	
Number of rows	
Row spacing	
Width of area harvested	
Weight of area harvested	
Moisture %	
Adjusted yield  $\text{Adjusted Yield} = \frac{\text{Weight} \times (100 - \text{moisture})}{(100 - \text{Standard})}$	
Total area of crop to be harvested	

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

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

Please send Scrutineer's Form to Executive Officer, Maize Association of Australia, PO Box 2293, Shepparton, Vic 3632.

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# Prizes

## Irrigated Competition

1<sup>st</sup> – TBC

2<sup>nd</sup> – 3-4 Bags of Maize Seed (provided the crop has been established using seed from a MAA Member)

## Dryland Competition, Major Sponsor – MAA

1<sup>st</sup> – Airfares and Accommodation to the value of \$2,500 to attend an event overseas to increase your knowledge of maize growing/marketing or storage.

2<sup>nd</sup> – 3-4 Bags of Maize Seed (provided the crop has been established using seed from a MAA Member)