



# Ekka

ROYAL QUEENSLAND SHOW

AUGUST 9-17

**GREENHOUSE INNOVATORS  
SCHEDULE**



ROYAL QUEENSLAND SHOW

147<sup>th</sup> ROYAL QUEENSLAND SHOW

## The Greenhouse Innovator Competition

FACILITATED BY

**integratedSTEM**

Councillor – Education Chairman  
David Fagan

**PARTICIPATING SCHOOLS SELECTED:**

Monday 10 March 2025

**GREENHOUSE INNOVATOR KITS:**

SENT WHEN PURCHASED

**PROJECT START DATE:**

Monday 17 March 2025

**KIT BUILD PERIOD:**

Monday 28 April - Friday 9 May  
2025

**EXPERIMENTATION PERIOD:**

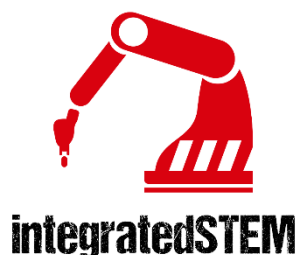
Monday 12 May - Friday 13 June  
2025

**FINAL POSTERS & VIDEO PRESENTATION  
DUE:**

Friday 1 August 2025

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The RNA wishes to thank *integratedSTEM* for facilitating this project.



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AGTECH KITS REMAIN THE PROPERTY OF PARTICIPATING SCHOOLS FOR CONTINUED LEARNING OPPORTUNITIES.

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## COMPETITION OVERVIEW

The Greenhouse Innovator Competition provides a technology driven immersive project where selected school groups from grades 7 – 10 conduct experiments facilitated by *integratedSTEM*. Students are required to use Greenhouse Innovator kits to monitor plant growth and analyse the data they collect. The kits can be purchased through *integratedSTEM* and are reusable.

The experiment and data collection portion of the project will take place across a 4–6 week period. Following this, student groups will draw conclusions from their data and prepare a research poster and supporting video presentation to communicate their findings.

Once the project is finalised and supporting elements are submitted, a panel of judges will deliberate and award the top 3 entries based on judging criteria supplied to the schools by *integratedSTEM*.

## COMPETITION STRUCTURE

### Stage 1

Classes selected to participate are contacted by *integratedSTEM* to confirm competition involvement and requirements.

### Stage 2

AgTech Kits must be purchased through *integratedSTEM*. Once delivered the class will receive on-going support from the *integratedSTEM* team to conduct the project successfully throughout the 4–6-week data collection phase.

### Stage 3

Once students have collected data, they will then process their findings to draw conclusions that will form their final poster and video presentation submission.

### Stage 4

Once the finalised projects and supporting elements are submitted, a panel of judges will deliberate and award the winning groups based on judging criteria supplied to the schools by *integratedSTEM*.

## PRIZE DETAILS

All students that submit their final poster and supporting video will receive complementary tickets to Ekka 2025.

**Category Years 7 & 8 Prize:** Trophy, and Sash

**Category Years 9 & 10 Prize:** Trophy, and Sash

**Entry:** All participating students and teachers will receive an entry ticket to the Royal Queensland Show (Ekka). Entry tickets are valid for one entry per person per day.

\*Submissions from groups will be judged in two separate categories. Submissions from groups in years 7 & 8 will be grouped into one category, and submissions from groups in years 9 & 10 will be judged in another category. This will be reflected in the judging criteria.

## COMPETITION REGULATIONS

1. \$5.00 per school entry fee
2. Competition entrants must submit their details through the [Ekka exhibitor portal](#).
3. Participating schools' selection is at the discretion of *integratedSTEM* as the project facilitator.
4. Participating school groups must either re-use Agtech Kits or purchase them through [integratedSTEM](#).
5. Participating class groups must complete the Greenhouse Innovator Project data collection within the specified timeframe.
6. Participating class groups must complete the Greenhouse Innovator Poster and Video Presentation elements as per the *integratedSTEM* guidance and supplementary documents.
7. Completed posters and videos may be displayed as part of *integratedSTEM*'s exhibitor display at Ekka 2025.
8. Completed posters and videos might be used in following years for marketing material. Participating schools will need to complete and return talent release forms supplied by the RNA.
9. Entry into this competition does not permit an exhibitor free entry into the Showgrounds during the Royal Queensland Show.

## JUDGING CRITERIA

Judging Criteria will be based on:

Weighting (out of 15)	Criteria
5	Problem Analysis
5	Experimental Process
5	Presentation

Full judging criteria will be provided by *integratedSTEM* closer to the project launch. If you have any questions or concerns, please contact [info@integratedstem.com.au](mailto:info@integratedstem.com.au)

Judge's decision will be final. No correspondence will be entered into by the judging panel.

# GENERAL REGULATIONS

The attention of Exhibitors is drawn to the fact that all entries that are accepted will be subject to the Royal National Agricultural and Industrial Association of Queensland Act 1971, as well as to the By-Laws, General Regulations of the Association and any Competition Specific Regulations which appear in this schedule.

Judging will be performed by a panel of Judges appointed by the Royal National Agricultural and Industrial Association of Queensland.

## NOTICE TO COMPETITORS

Entries for the Royal Queensland Show can ONLY be made online through our [Exhibitor Portal](#) online.

## PRIVACY STATEMENT

You can be assured that the privacy of your personal information is of the utmost importance to us. The information provided by you in any application for membership or application to enter is used by the Royal National Agricultural and Industrial Association of Queensland (RNA) to offer member services or to organize and conduct competitions at the Royal Queensland Show. By applying for membership or entering such competitions you consent to provide such details as your name, address and student details. Competition information may be made available to the media and included in RNA publications.

The exhibitor irrevocably consents to the RNA publishing or reproducing in any manner whatsoever any particulars or information in relation to their exhibits; the publication or reproduction may be in a printed form or visual image through electronic means and/or on the internet. Your information will not be disclosed without your consent for any other purpose unless required by the law. By providing your email address you are consenting to receive communications from us relating to the Royal Queensland Show. For full privacy details visit <https://www.rna.org.au/privacy-policy.aspx>

## REGULATIONS & BY-LAWS

All Entries and Exhibitors are subject to RNA Regulations and By- Laws set out in this schedule as well as other By-Laws that may pertain to this competition.

Full copies of the RNA By-Laws may be obtained upon application to the Competitions Department.

If you are unsure of any of the rules stated in this schedule or your eligibility to enter the competition, please contact the education department at [education@royalqueenslandshow.com.au](mailto:education@royalqueenslandshow.com.au)

## GOODS AND SERVICES TAX

The RNA's ABN is 41 417 513 726



# Ekka

EDUCATION