

HAVE YOU GOT WHAT IT TAKES TO SPRAY

Sustainable, Productive, Responsible
Applicator of the Year

ARE YOU AUSTRALIA'S NEXT SPRAY CHAMPION?

Put your expertise in farm spray application to the test and become the 2012 Australian SPRAY Award winner.

The SPRAY Awards have been set up to identify Sustainable, Productive and Responsible farming spray operations and find Australia's best applicator.

The winner will be rewarded with an overseas study tour and a SPRAY Awards prize package valued at over \$15,000. State based awards and prizes are also on offer.

To enter, just complete the questionnaire and send it to:
SPRAY Awards – PO Box 886 North Ryde BC NSW 1670 or fax your entry to 1800 654 095.

All entries will receive a free 12 month subscription to Syngenta Agricast weather and spray window forecast website. All correct entries will progress to the second judging stage.

*For terms and conditions please see public notices



2011 Winner: Stuart Jackson, NSW

WIN

A UK STUDY TOUR

worth
\$15,000



**SPRAY
AWARDS**

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fax your entry to 1800 654 095.

Entries close 14th March, 2012.

If you require more information please call 1800 776 543.

Entrant's Name: _____

Postal Address: _____

Job Title: _____

Business Name: _____

Phone Number: _____

Mobile Number: _____

Email Address: _____

1. A fungicide is a product that controls:

- Fungal diseases
- Weeds
- Insects pests
- Diseases, weeds and insect pests

2. Spray drift may be reduced by:

- Increasing the boom height
- Increasing forward speed
- Using a coarser spray quality
- Adding a wetter

3. How many litres of product do you need to spray 106 ha at a dose of 375ml/ha?

- 18.59 L
- 52.26 L
- 29.75 L
- 39.75 L

4. What is the name of the government organisation that is responsible for the registration of all pesticides in Australia?

- National Pesticides Test Council
- Australian Pesticides and Veterinary Medicines Authority
- National Farmers Federation
- Australian Chemical Council

5. The liquid in a sprayer receives the most agitation when the tank is:

- 1/4 full
- 1/2 full
- 3/4 full
- Full

6. Which of the following factors when applying by air can be minimised by boom setup?

- Upwind vortices
- Propeller Wash
- Wingtip vortices

7. The single most important aspect for improved work rate is:

- Increasing forward speed
- Reducing spray volumes
- Increasing boom width

8. A boom fitted with a set of 110 03 AIXR Teejets® being operated at 3 bar will produce what spray quality:

- Coarse
- Very coarse
- Fine
- Medium

9. Excess spray mix, spray tank rinsings etc are most sustainably and effectively disposed by:

- Applying across the already treated area
- Placing them in a contained evaporation pond
- Releasing them into nearby water ways
- Reusing them in the next spray solution

10. Delta T is an indicator of the weather's suitability for spraying using what two environmental measurements?

- Soil temperature and wind speed
- Relative humidity and wind speed
- Cloud cover and temperature

11. Which application technique will give the best penetration into a crop such as lettuce?

- Hollow cone nozzles at high pressure
- 110° flat fan jets at 2.5 bar
- Twin outlet fan jets at 4 bar
- Air induction nozzles at 2.5 bar

12. Which answer best describes the term, 'Dilute Spraying'?

- Using the highest water volumes possible depending on your sprayer
- Using a sprayer that applies water volumes less than those required to reach point of run off and matched to the crop being sprayed
- Using a sprayer that applies high volumes of water up to the point of run off and matched to the crop being sprayed
- Using the lowest water volumes possible depending on your sprayer

The SPRAY Awards are an initiative of Syngenta

