EFFECTIVE VINEYARD SPRAYING
April 27, 2016

8:30 AM Course registration starts

9.00 -9.15 Introductions, course overview / aims / objectives

9.15 – 10.15 Session 1 Sprayer designs

• The different types of vineyard sprayer, single row to multi row – their relative merits
• Designs: ancient and modern, introduction to droplets, how they form, effect of size

10.15 coffee / tea

10.30 -11.30 Session 2 Droplets and Nozzles

• Droplet formation and Nozzle selection: flat fan: F,M,C, and hollow cone, What’s new in design

11.30 - 12.00 Session 3 Calibration

• Calibration of airblast sprayers and boom sprayers – use of You Tube, distance learning courses

12.00 – 12.45 Lunch

12.45 - 1.45 Session 4 Airflow characteristics

• What is the purpose of the air/ how to modify it to improve deposition and reduce drift
• Drift and how to reduce it – air induction nozzles and other systems

1.45 - 2.30 pm Session 5 Effective sprayer management

• Maximising sprayer output, improving logistics
• Getting the best from the spraying system
• Filling and mixing, decontamination after use

2.30 – 3.00 Session 6 Precision spraying

• The future of canopy sensors to monitor density, tree row volume and spray used.

3.00 - 3.15 Q and A; wrap up

3.15 PM Course ends