

AGENDA

CASINO

Friday 21 July 2023

Casino RSM, 162 Canterbury St, Casino NSW 2470

| Time | Topic | Speaker |
|----------|--|--|
| 9:00 AM | GRDC Welcome | |
| 9:10 AM | Social licence and trade: <ul style="list-style-type: none"> Herbicide residues in grain - what's happening/what action is needed? Spray drift and how this relevant to coastal production systems | Paul Fleming (Soy Australia/grower) |
| 9:35 AM | Buffer zones, sensitive environments and labels. <ul style="list-style-type: none"> What do buffer zones mean and how should they be interpreted? (What defines a buffer zone?) Advice for managing spraying operations in coastal environments where fields are often small and can potentially have hazards on several sides. To what extent can 'drift reduction' techniques be used to reduce buffer zone requirements on labels? Where does drone (RPAS) application fit in relation to buffer zones & droplet size requirements? | Garry Dorr (APVMA) |
| 10:10 AM | New 2,4-D formulations for lower drift risk in coastal and other environments | Matt Moyle (Nufarm) |
| 10:30 AM | Morning tea | |
| 11:00 AM | Mateno® complete – early post-emergent control of ryegrass and some broadleaf weeds in wheat and barley. | Richard Jackman (Bayer) |
| 11:20 AM | Drones for aerial application of pesticides in the coastal environment. <ul style="list-style-type: none"> What are the pros and cons of drones for aerial application? What application volume and spray quality are achievable and how does this affect coverage and work rate? What factors need to be considered when utilising drones for pesticide application? | Scott Fisher (Skytech Solutions) |
| 11:40 AM | Optical spot sprayers - do they have a fit in coastal farming systems? | Jeremy Rennick (Croplands) |
| 12:00 PM | Results and observations from the 2023 herbicide matrix demonstrations in soybean | Nathan Ensby (NSW DPI) |
| 12:20 PM | Lunch | |
| 1:20 PM | Demonstrations on farm | |
| 1:20 PM | What spray quality and water rates should we be targeting for different pesticide applications? Balancing efficacy/coverage, drift, tank mixes and operational efficiency | Matt Moyle (Nufarm) |
| 1:45 PM | Selecting sprayer set up for both drift mitigation and maximising efficacy in coastal environments. Demonstration of different parameters (boom height, nozzle selection, wind, drift reduction adjuvants versus drift creating adjuvants). | David Johnson (FMC) |
| 2:10 PM | Weedit demonstration. Including discussion on how the technology works and potential applications. | Jeremy Rennick (Croplands) |
| 2:35 PM | Drones and application coverage - what coverage can be achieved via drones with commercial set up parameters in terms of coverage, droplet size and uniformity across the swath. | Scott Fisher (Skytech Solutions) |
| 3:00 PM | Close | |