





Issues which require consistent industry response



Blackleg Management guide

- ~ Convert into web/I-pad decision support tool.
- ~ Add fungicide tolerance section.
- ~ Add stem/branch infection section.

Resistance Groups

- ~ Current knowledge:
 - ~ Resistance group have worked well, but.....
 - ~ A, B, AS after C (no ideas, Rlm3 and Rlm4 linked + avrlm3 and avrlm 4 linked)
 - ~ ABD verses AD (why is AD overcome but ABD effective?)
 - ~ AS is better after B and AD/ABD (no idea why, support by molecular and field data)
 - ~ Group A and Group B rotate well (but present in most cultivars)
 - ~ Group B after Group H (avrlm4 and avrlm7 are the same gene)
 - ~ Group F after Group A (avrlm6 increased by Rlm1 stubble)
 - ~ Stacking R groups will increase
- ~ Advice to industry:
 - ~ Put all our information into the decision support tool developed by DAFWA

Fungicide tolerance

Current knowledge:

- ~ Jockey will still have some effect, tolerance not resistance
- ~ 85% of paddocks are not tolerant (still effective)
- ~ No other registered fungicide
- ~ Not known if other triazoles are affected?
- ~ Don't know if tolerance is increasing in frequency?

Advice to industry:

- ~ Still use Jockey until alternative chemistry is available
- ~ Use cultivar with good blackleg resistance
- ~ Avoid last year's stubble
- ~ Avoid using the same resistance group for more than 3 years.

Stem / branch infection

- ~ Current knowledge:
 - ~ Is very widespread, is causing a lot of concern / trade issues
 - ~ Is causing yield loss
 - ~ Influenced by flowering time and R group (delayed sowing may reduce infection but can also reduce yield if dry spring)
 - ~ Foliar fungicide control??
- ~ Advice to industry:
 - ~ Consider flowering timing????
 - ~ Use effective major R genes, regionally specific????

Sclerotinia

~ Current knowledge:

1. Is not a problem in most regions
2. Occurs frequently in some regions most years
3. Sporadic in some regions (1 year in 5)
4. Requires specific environmental conditions

~ Advice to industry:

- ~ Based on previous years you can make informed decision (points 1, 2)
- ~ What advice for sporadic regions (monitor rainfall patterns...??)
- ~ What advice for Eyre Peninsula / areas of WA in 2016?? (growers have already decided that Diamond is more susceptible)?
- ~ Grower/advisor education on growth stages and timing of application
- ~ Advice to WA where applying fungicides after symptoms observed?