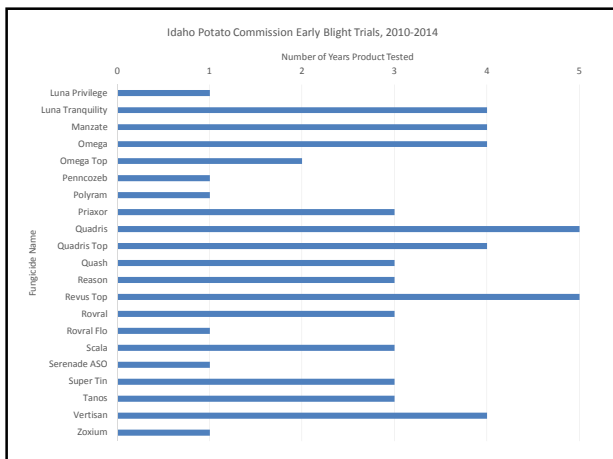
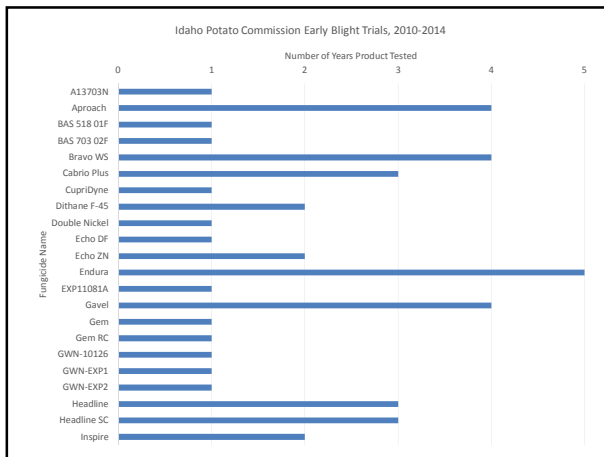


Early Blight Trials – Miller Research

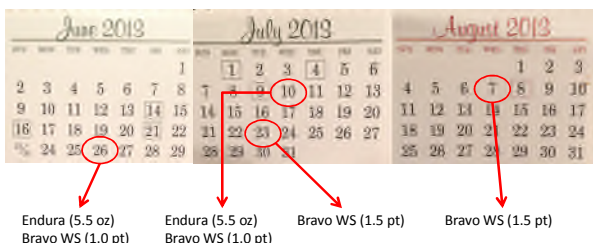


Trial Method Summary

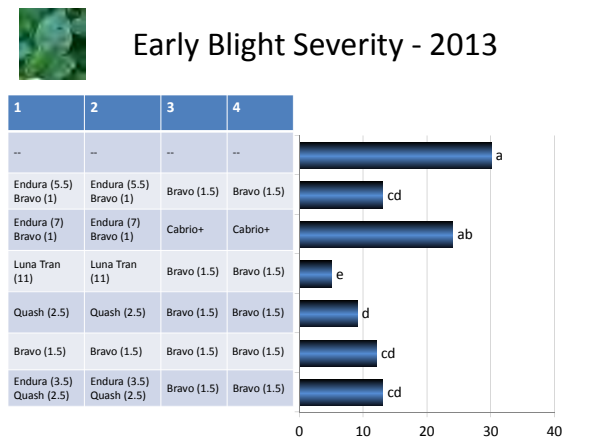
- Russet Burbank
 - 36" row spacing, 11.9" seed spacing
- 2013 Two trials
 - 14 treatments, 4 replications, RCBD
- 2014 One Trial
 - 24 treatments, 4 replications, RCBD
- Applications made by ground
 - 13 gpa
 - Initiated pre-RC
 - 14 day interval (7 day for select treatments)
 - 4 total applications (6-9 applications for 7 day)

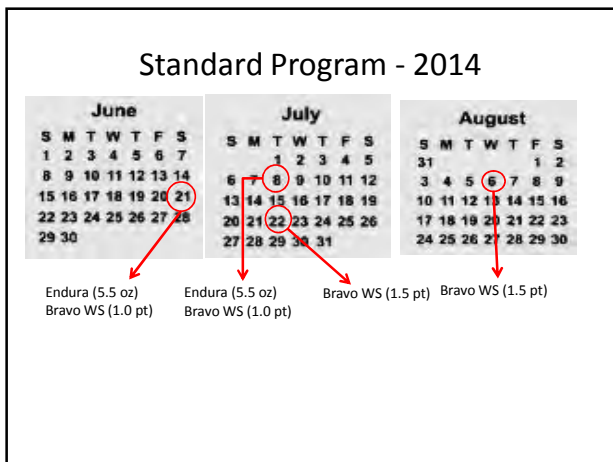
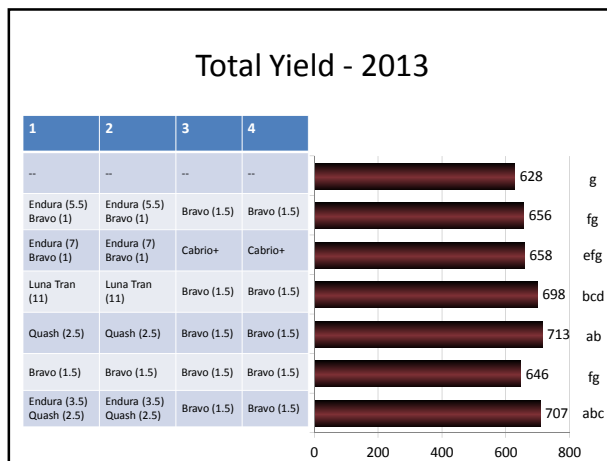
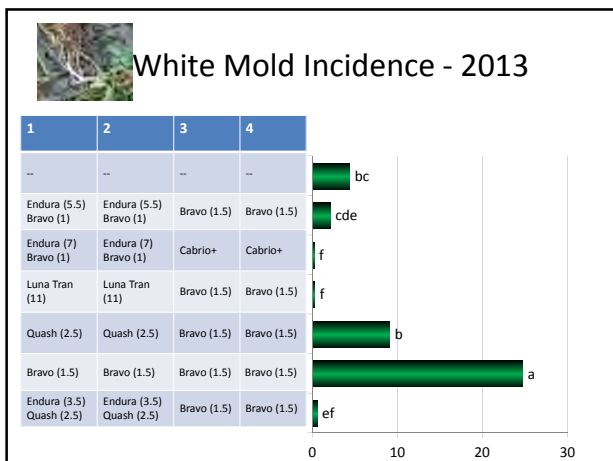


Standard Program - 2013

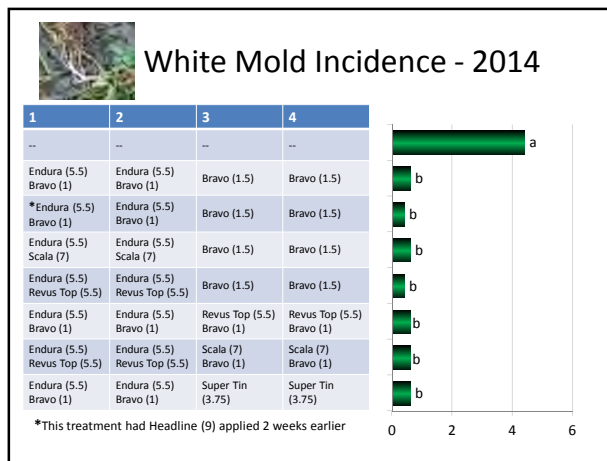
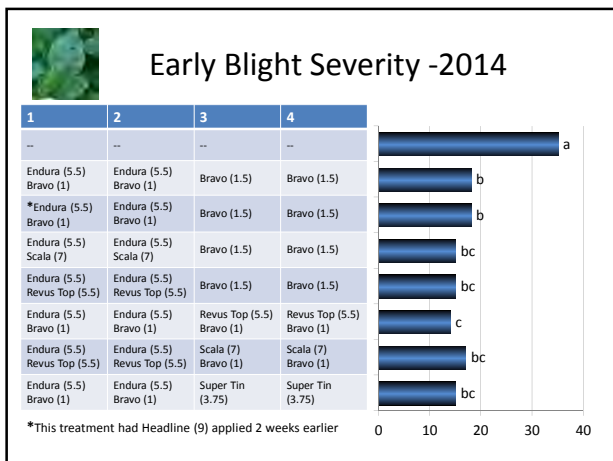


Early Blight Severity - 2013

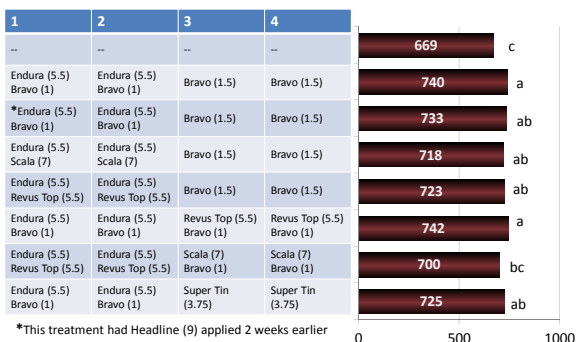




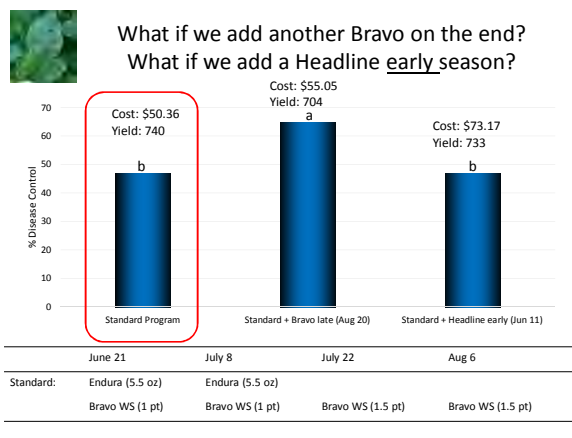
Endura Concept Treatments



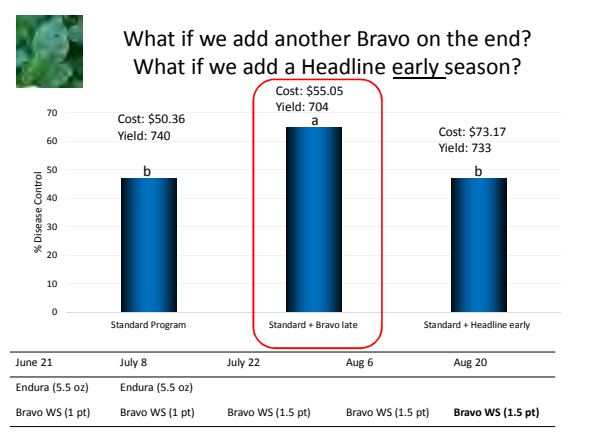
Total Yield - 2014



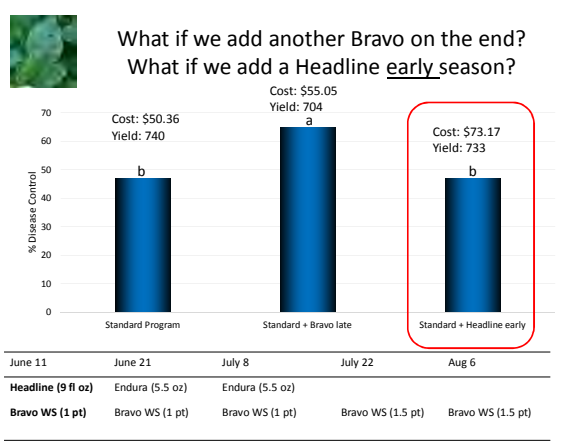
What if we add another Bravo on the end? What if we add a Headline early season?



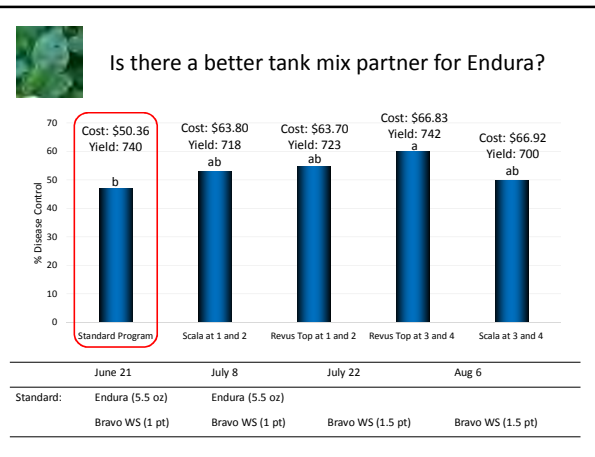
What if we add another Bravo on the end? What if we add a Headline early season?



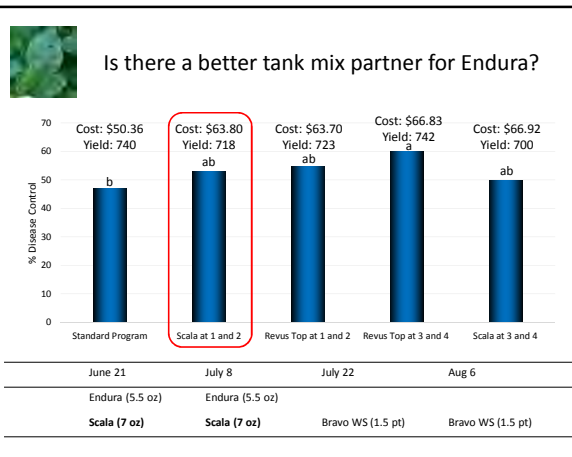
What if we add another Bravo on the end? What if we add a Headline early season?

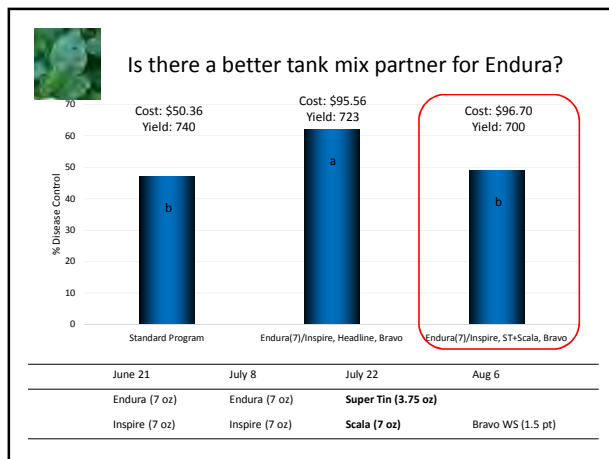
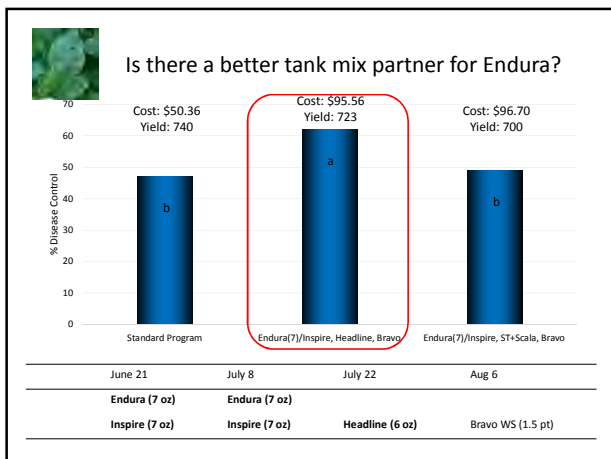
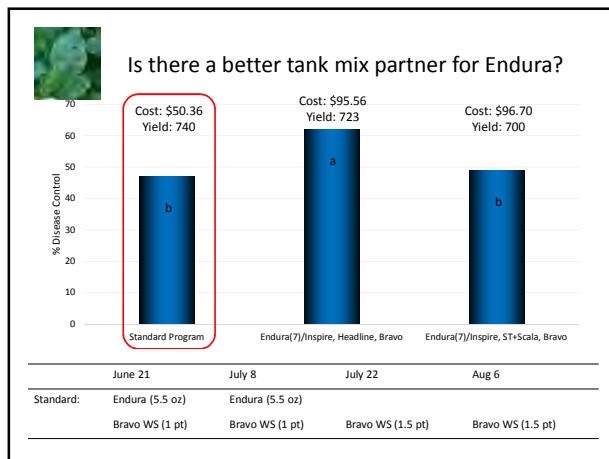
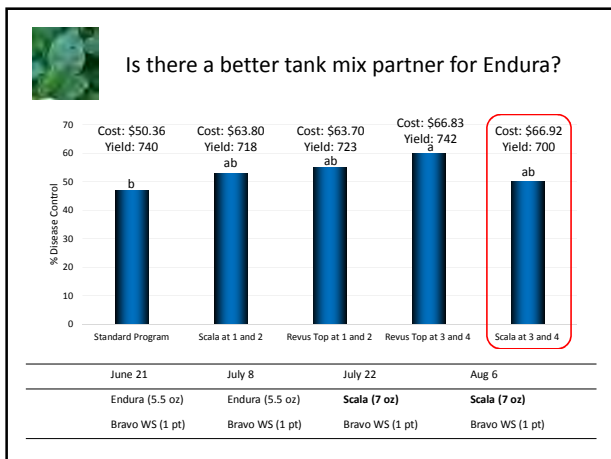
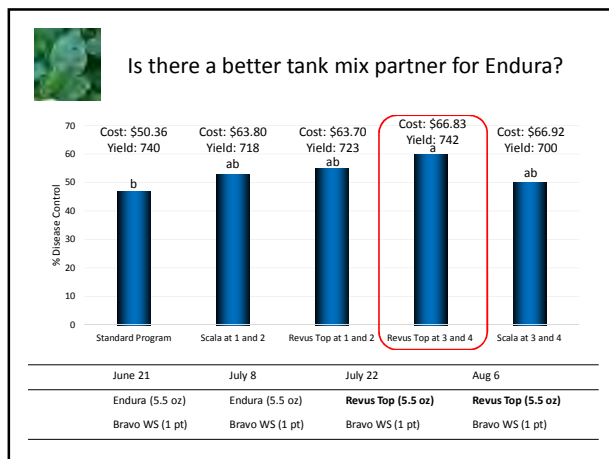
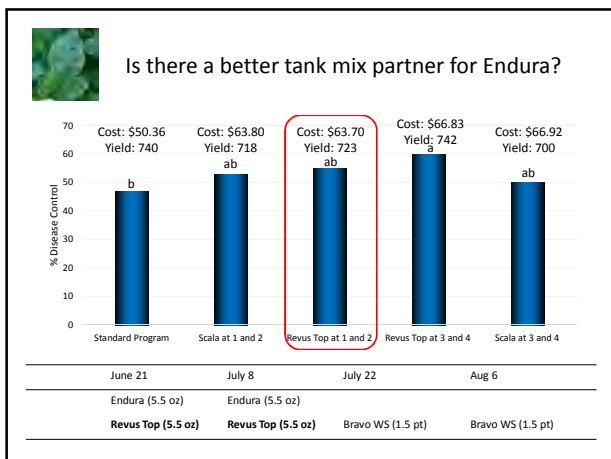


Is there a better tank mix partner for Endura?



Is there a better tank mix partner for Endura?





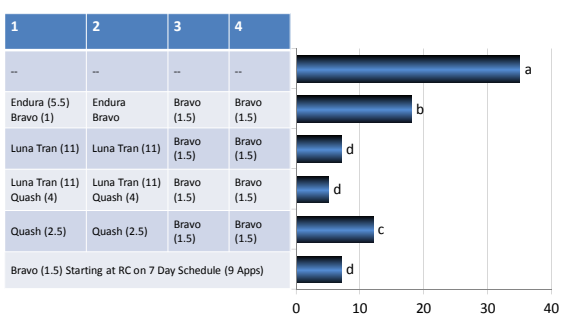
Take Home Points

- Adding another protectant improved disease control.
- Headline early did not improve disease control.
- Adding Revus Top late improved efficacy and adds late blight protection.
- Addition of Scala to Bravo did not improve disease control.
- Replacing Bravo late with Super Tin did not improve control.

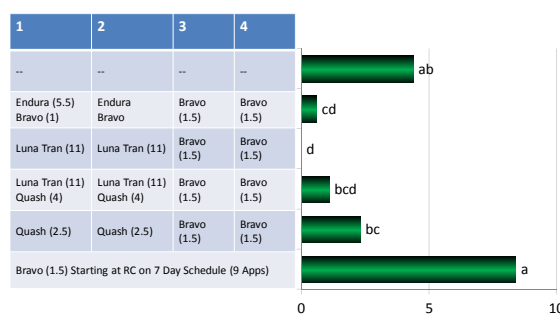
Other Program Options



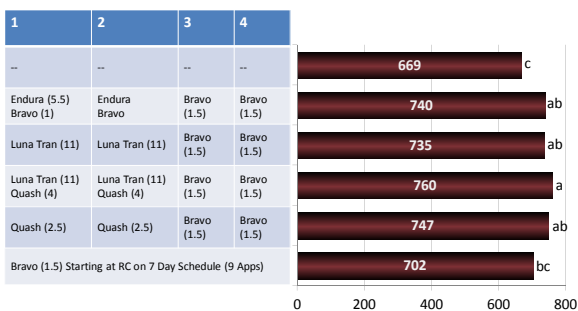
Early Blight Severity - 2014



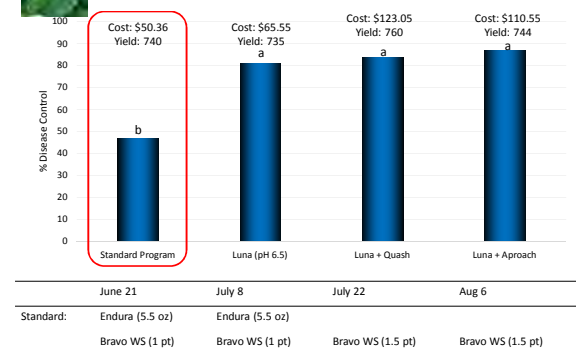
White Mold Incidence - 2014

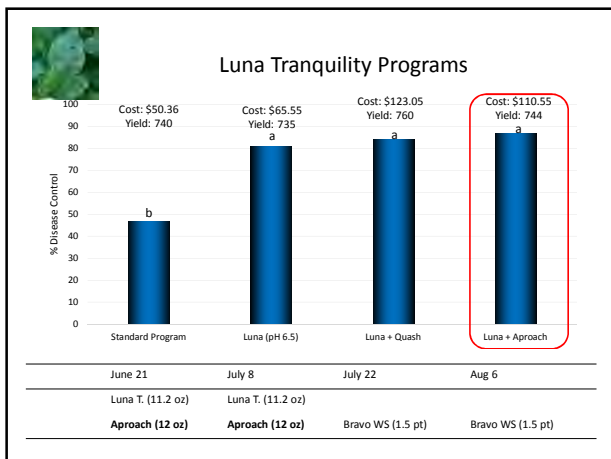
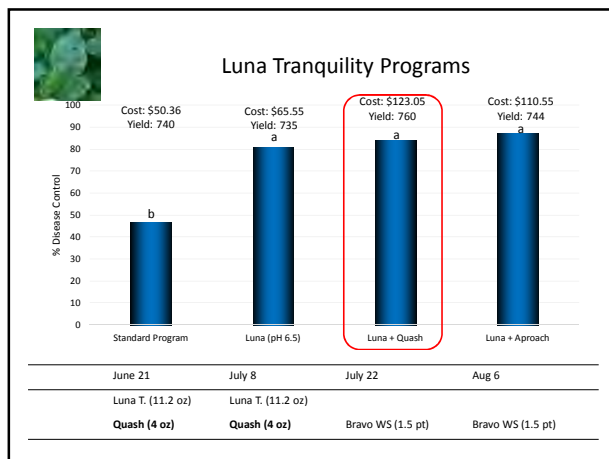
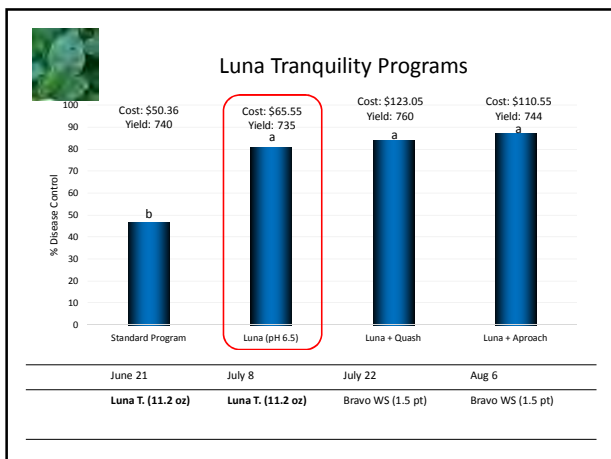


Total Yield - 2014



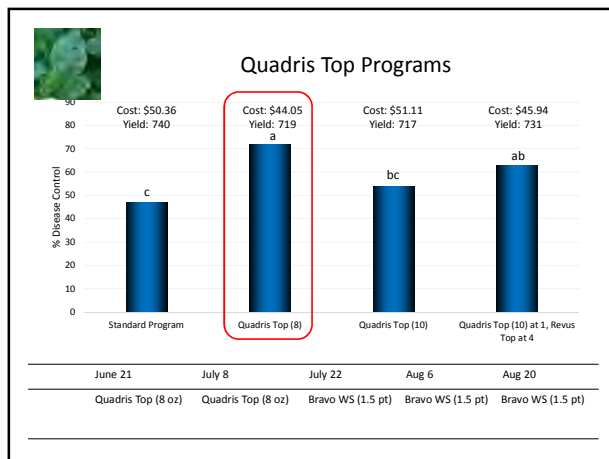
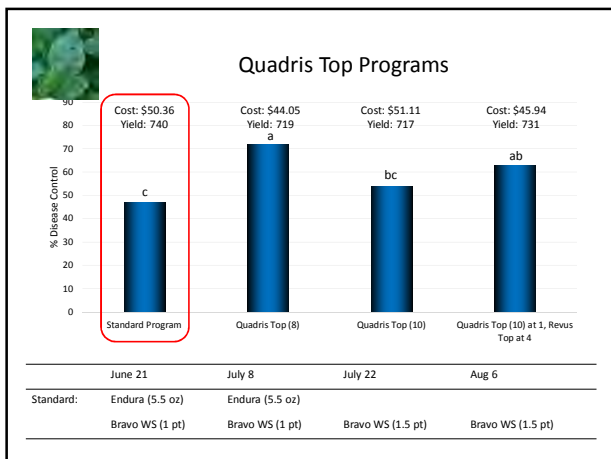
Luna Tranquility Programs

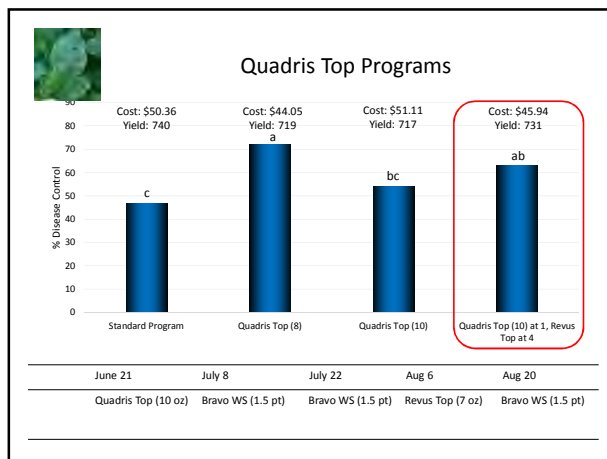
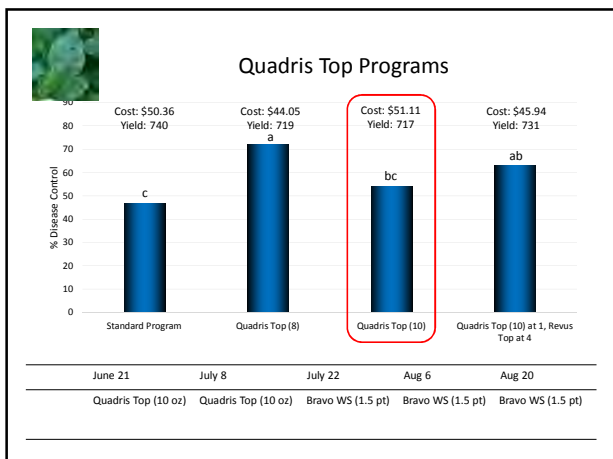




Take Home Points

- Luna Tranquility provides more effective early blight control than Endura.
- Adding Quash increased yield.
 - MRLs needed for Japan, Taiwan/Hong Kong, Korea
 - Anticipated 1st or 2nd Quarter 2015





Take Home Points

- Quadris Top was more effective in controlling EB than the standard.
 - Two modes of action.
- Quadris Top followed two applications later with Revus Top was also effective.
- Late blight control with Revus Top
- No white mold protection

Conclusions

- Luna Tranquility most effective on early blight
- New standard recommendation:
 1. Luna T (11.2) + Protectant
 2. Luna T (11.2) + Protectant
 3. Protectant
 4. Protectant
- Protectant = chlorothalonil or EBDC
- Revus Top, Quadris Top improve EB control
- Quash provides yield benefit

