

Determining the Most Effective Time Interval for Fungicide Sprays Following Miravis plus Elatus or Convoy

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Miravis plus Elatus or Convoy Applied at Spray 2

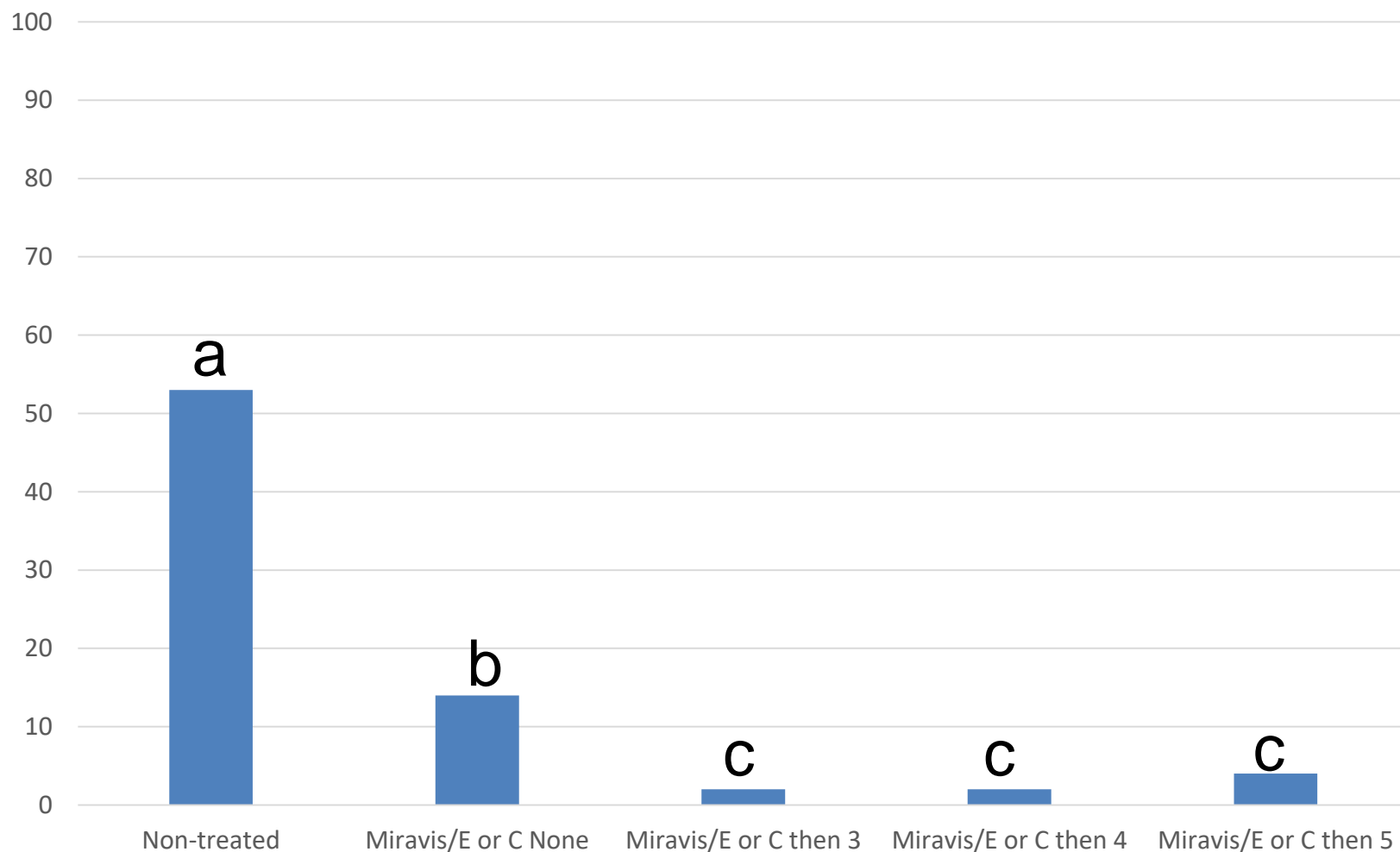
- Non-treated
- No follow up after spray 2
- Follow up 3 weeks after spray 2
- Follow up 4 weeks after spray 2
- Follow up 5 weeks after spray 2

*Spray 1 was chlorothalonil

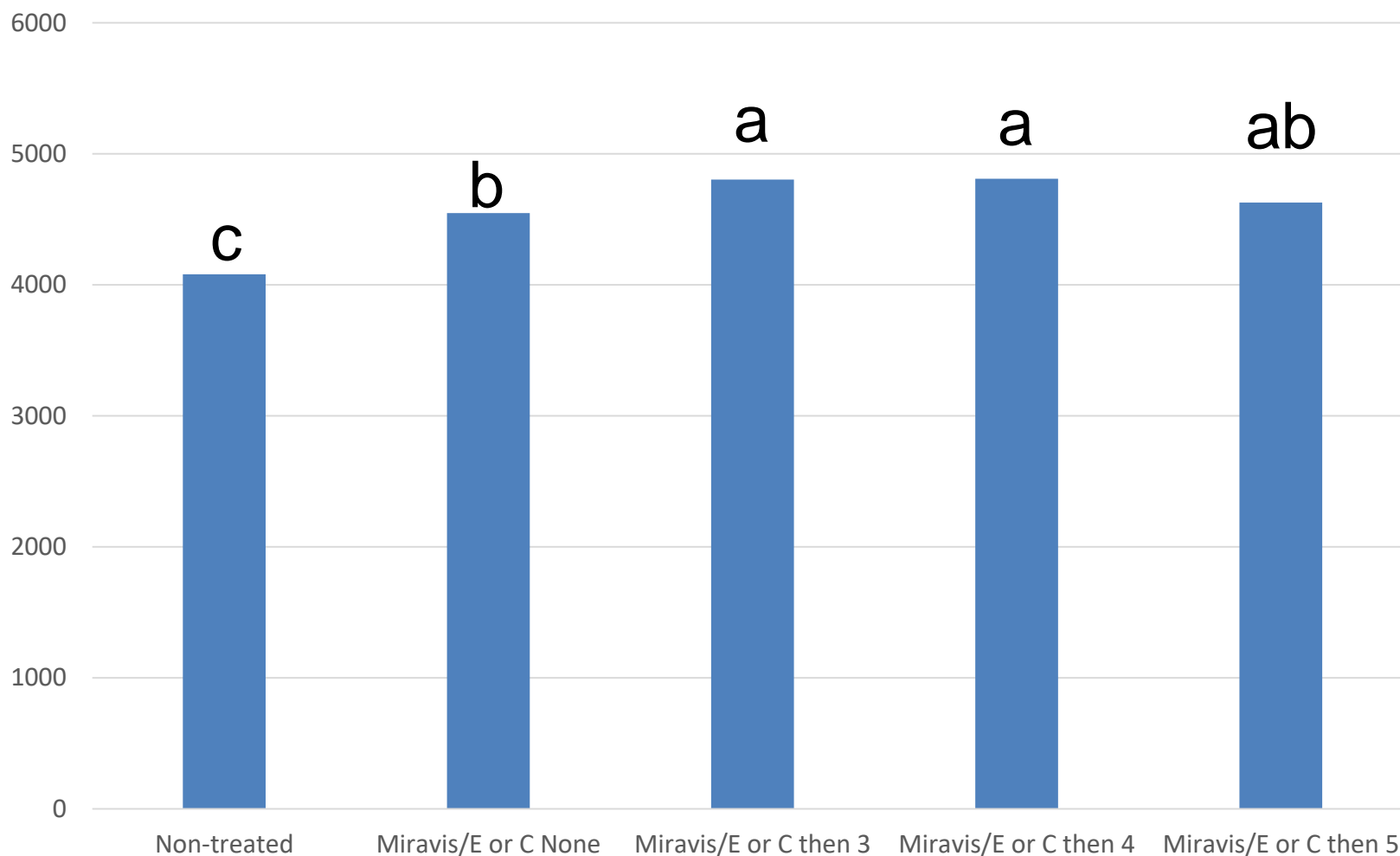
**Follow up was chlorothalonil plus azoxystrobin or tebuconazole (through August) then chlorothalonil (through mid September)

Study 1 Results

Canopy Defoliation at Digging with Bailey or Bailey II Follow up after Miravis plus Elatus or Convoy Study 1 - Pooled over 10 site-years (2019-2021)

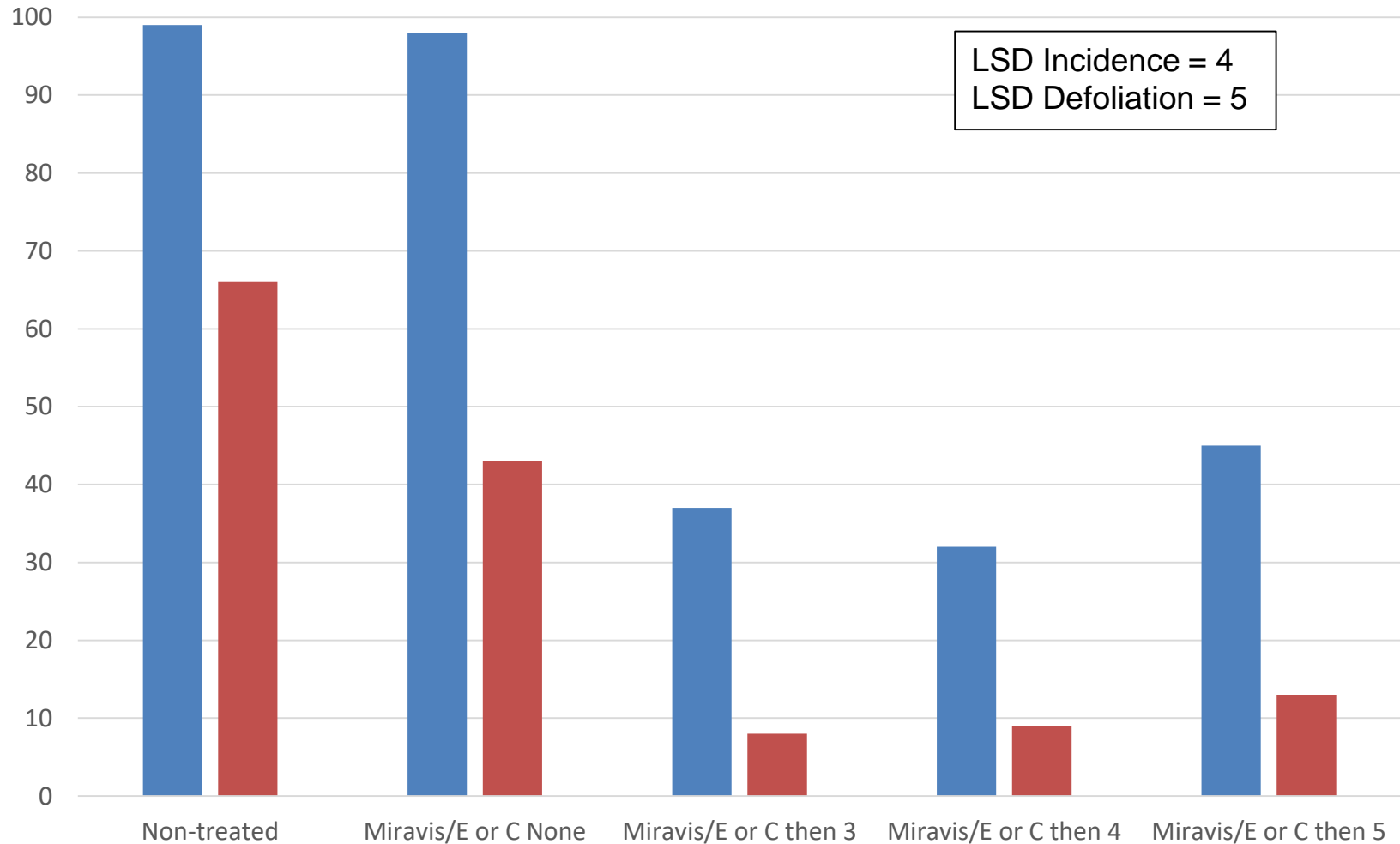


**Peanut Yield (lbs/acre) with Bailey or Bailey II
Follow up after Miravis plus Elatus or Convoy
Study 1 - Pooled over 10 site-years (2019-2021)**

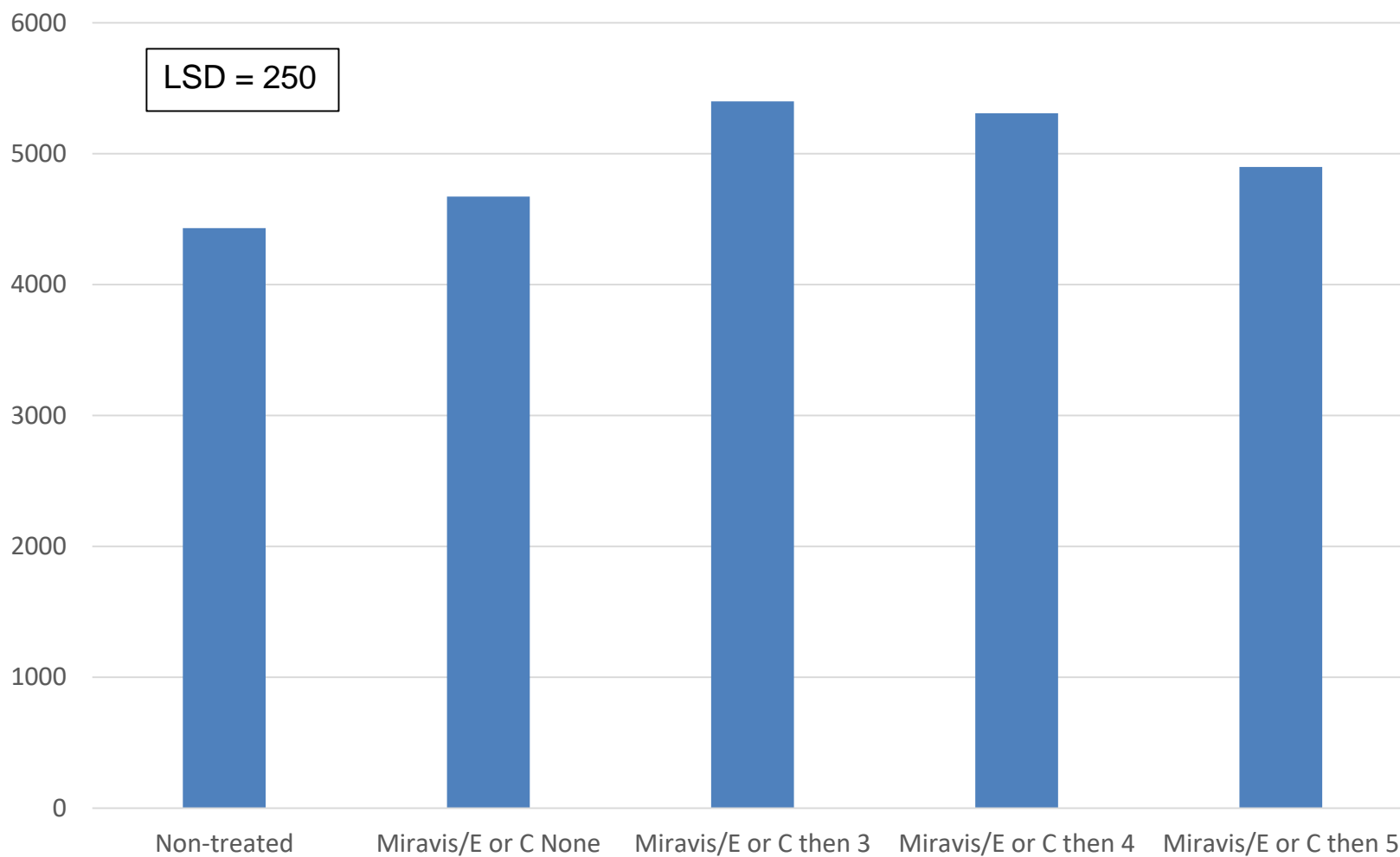


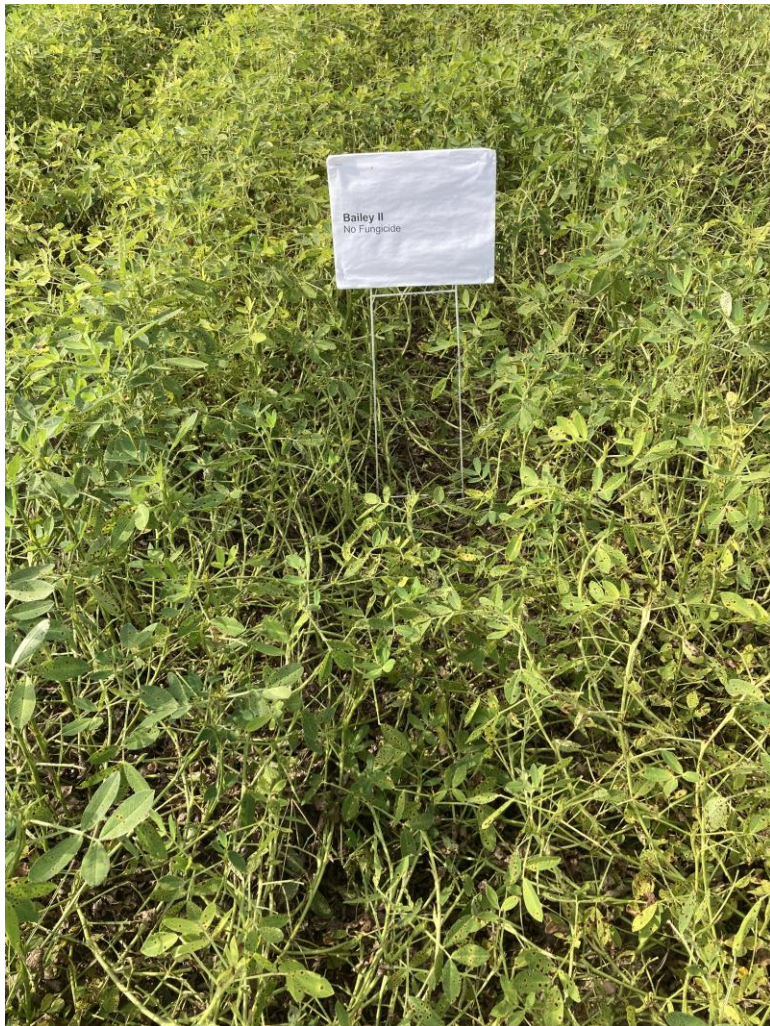
Study 2 Results

Leaf Spot Incidence (Blue Bar) and Canopy Defoliation (Red Bar)
Interval of Follow up after Miravis plus Elatus or Convoy
Study 2 - Pooled over three cultivars and five trials (2021 and 2022)

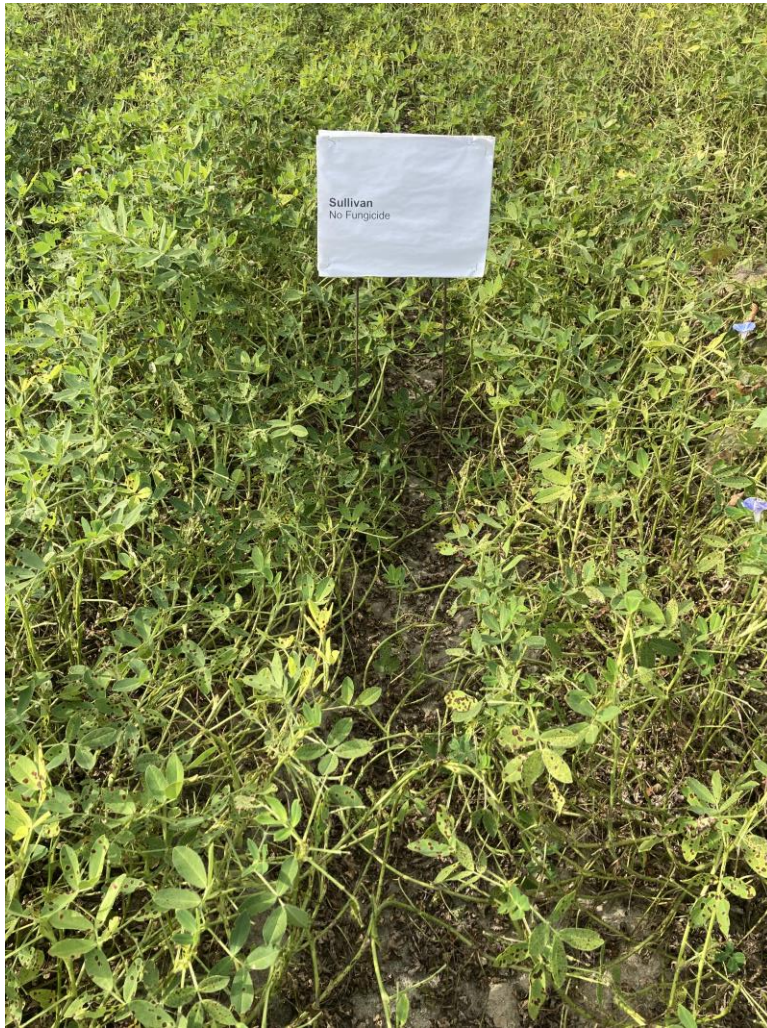


Peanut Yield (lbs/acre)
Follow up after Miravis plus Elatus or Convoy
Study 2 - Pooled over three cultivars and five trials (2021 and 2022)



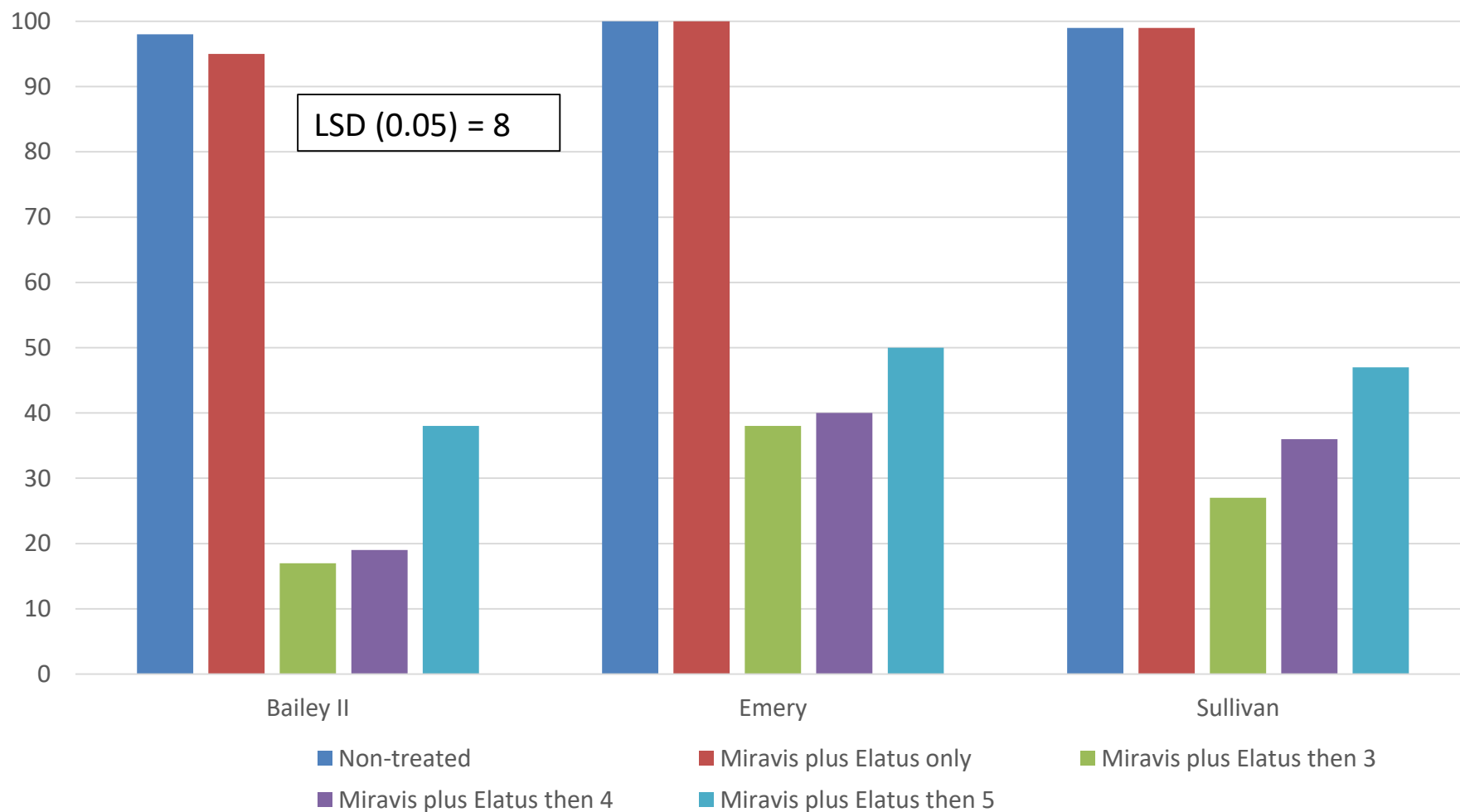






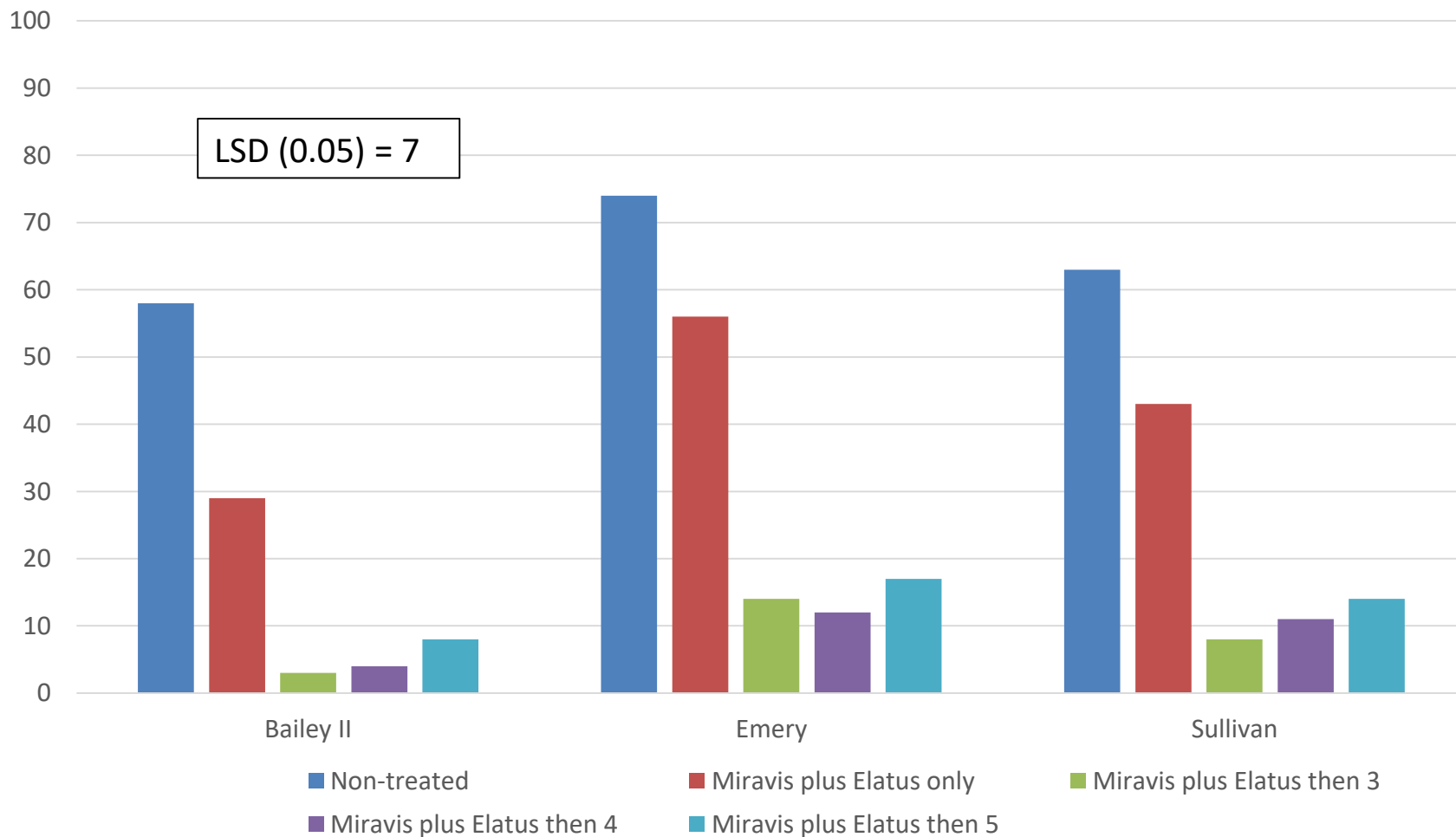
Incidence of Leaf Spot (%) at Harvest

Data are pooled over five trials (2021 and 2022)



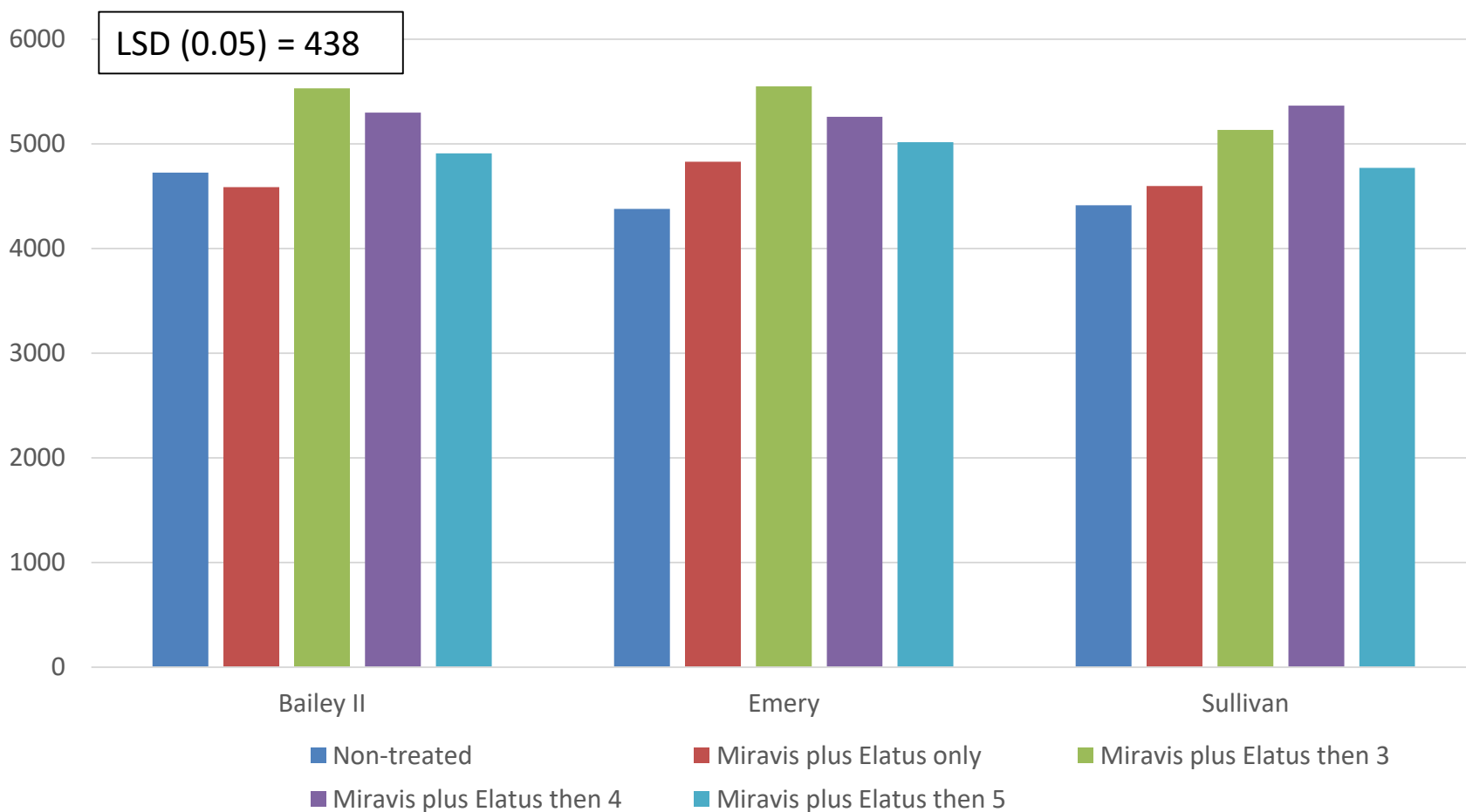
Defoliation (%) at Harvest

Data are pooled over five trials (2021 and 2022)



Peanut Yield (lbs/acre)

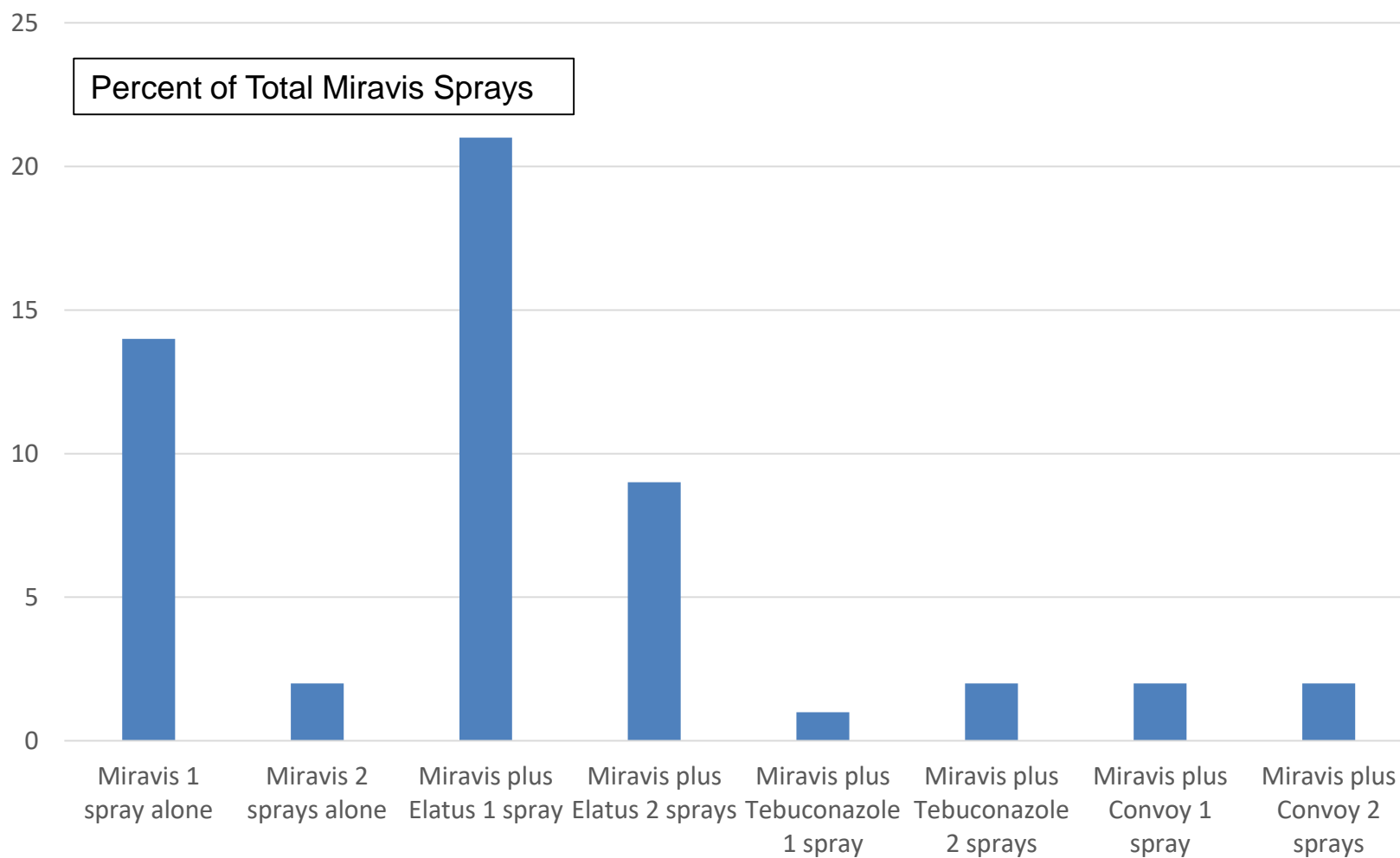
Data are pooled over five trials (2021 and 2022)



Summary

- Follow up at 3 and 4 weeks after Spray 2 (Miravis plus Elatus/Convoy) more effective than no follow up or follow up 5 weeks (generally)
- Assume Elatus or Convoy was adequate on stem rot during critical time in NC (gaps based on timing of follow up with tebuconazole or azoxystrobin likely not a contributing factor to yield)
- Recommendations on follow up timing (generally and for these varieties)?
- Concern over lesions at end of the season
- Financial competitiveness if follow up interval needs to be 3 weeks
- *Miravis/Elatus contributions to Sclerotinia blight control*

Percent of the Number of Miravis Sprays alone or Co-Applied with Elatus, Convoy or Tebuconazole – NC and VA 46 Grower Surveys



Final Fungicide Applied following Miravis alone or Miravis Co-Applied with Elatus, Convoy or Tebuconazole – NC and VA

*A range of 1 to 4 sprays following Miravis was noted. Surveys from 46 growers.

