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Contact and Residual Herbicides

Gramoxone (3.0 lb) 8 oz plus Basagran (8 oz)

Storm (16 oz) plus Gramoxone (8 oz)

Dual Magnum 16 oz

Warrant 48 oz

Outlook 13 oz

Zidua 2.5 oz

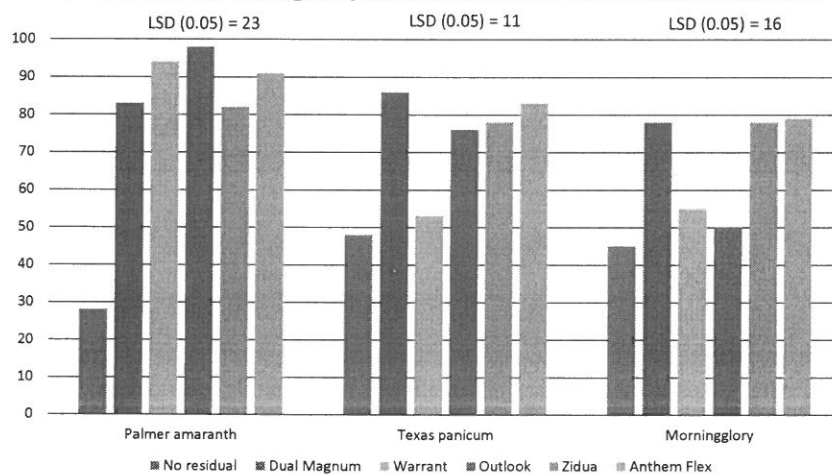
Anthem Flex 2.7

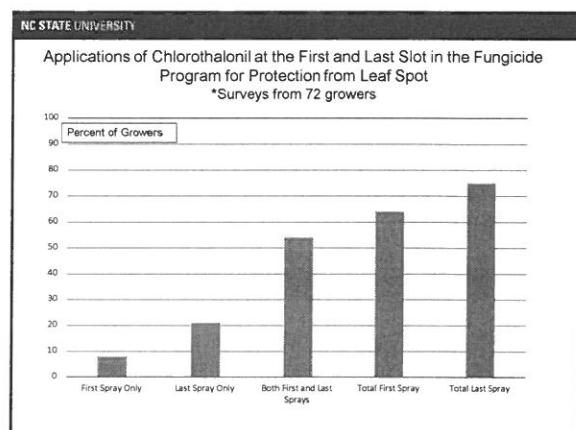
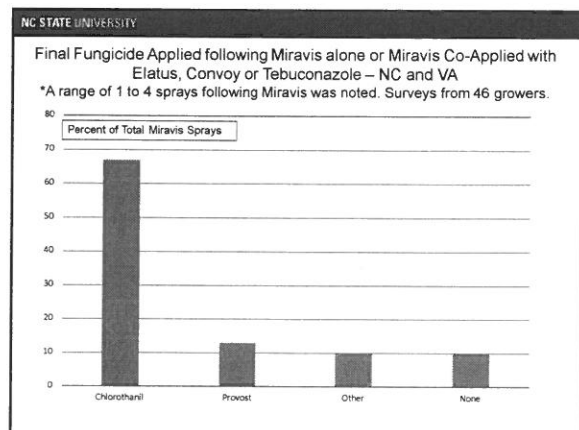
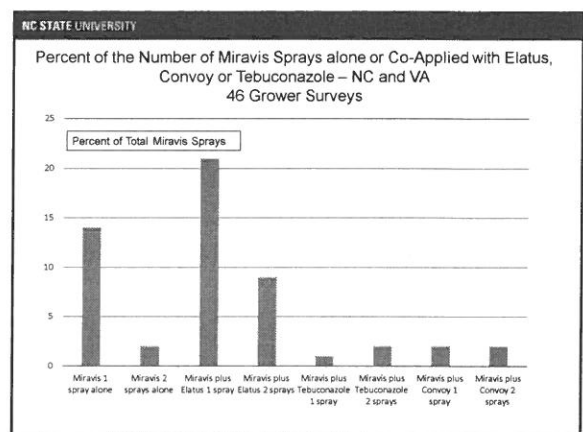
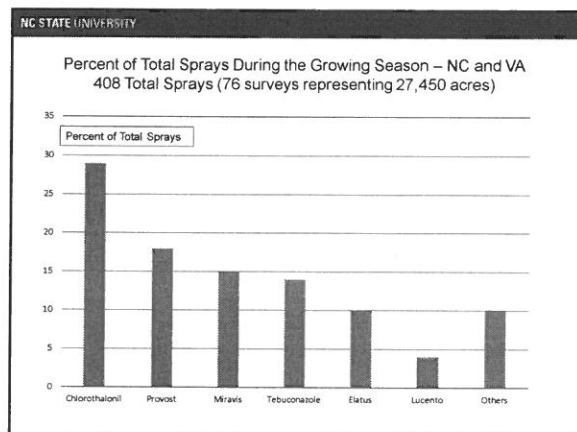
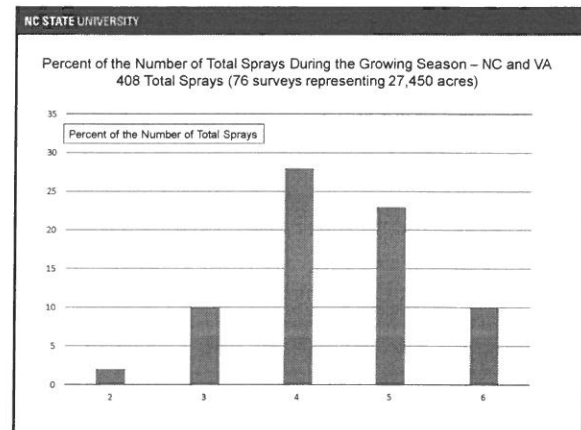
Nonionic surfactant (1 pint/100 gallons)

*Clethodim at 16 oz applied across all plots in early August

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Palmer amaranth control - Rocky Mount
Texas panicum and Morningglory control - Lewiston-Woodville
Gramoxone plus Basagran plus NIS alone or with residual herbicides





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Miravis plus Elatus or Convoy Applied at Spray 2

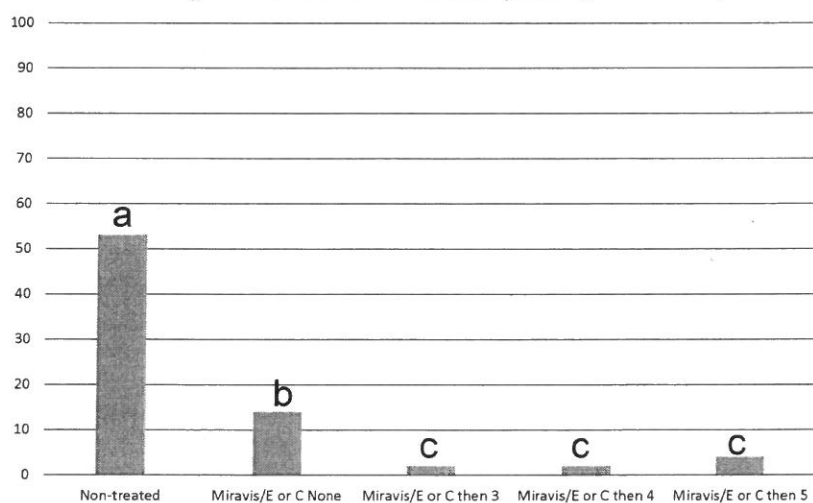
- Non-treated
- No follow up after spray 2
- Follow up 3 weeks after spray 2
- Follow up 4 weeks after spray 2
- Follow up 5 weeks after spray 2

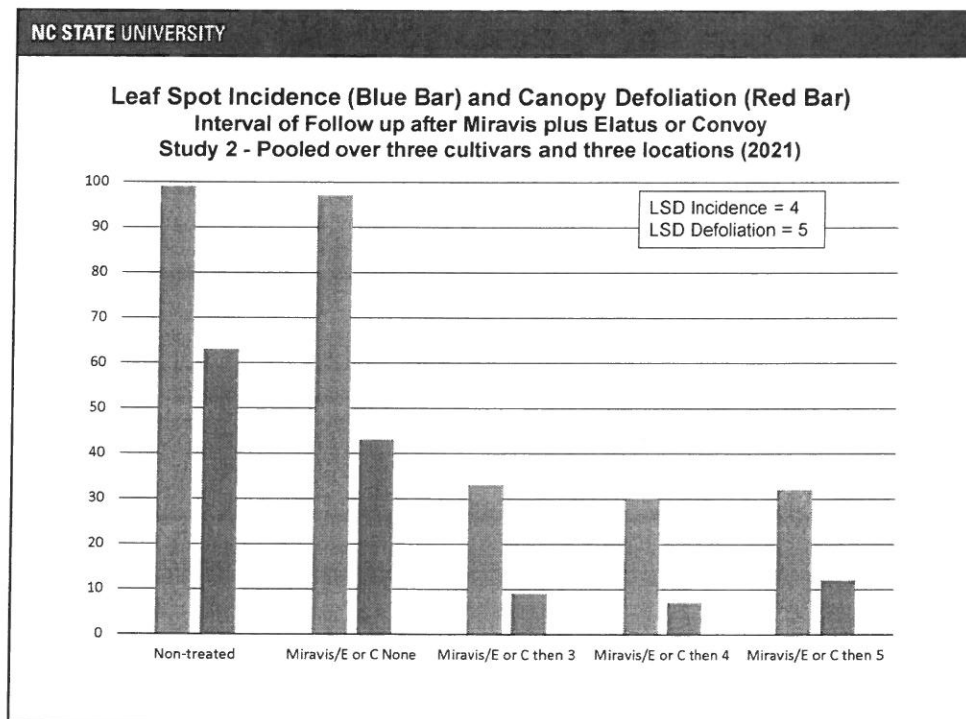
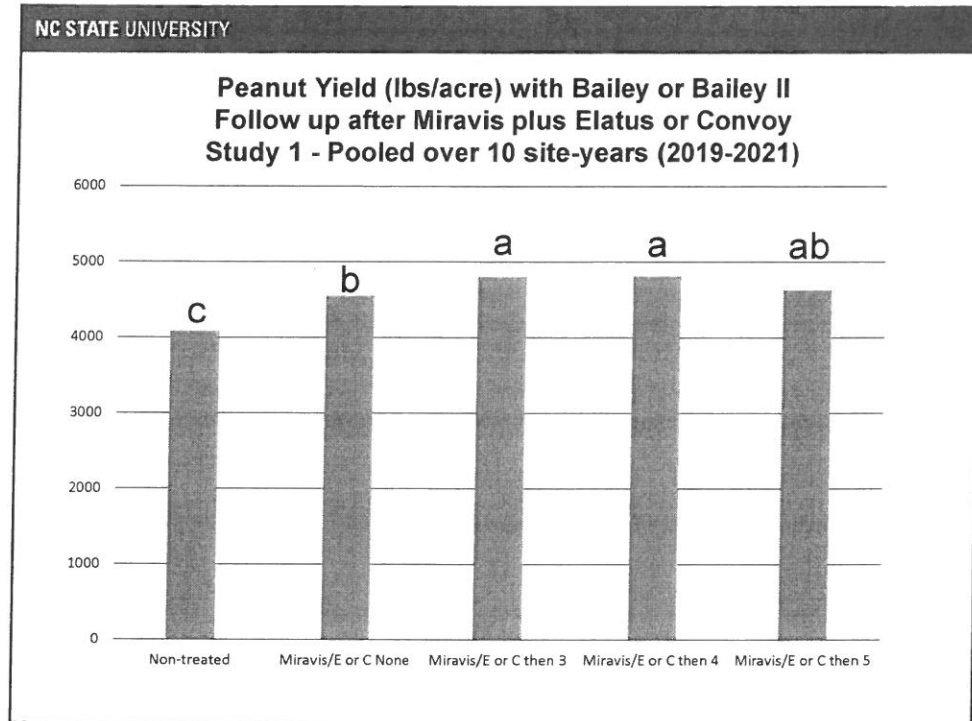
*Spray 1 was chlorothalonil

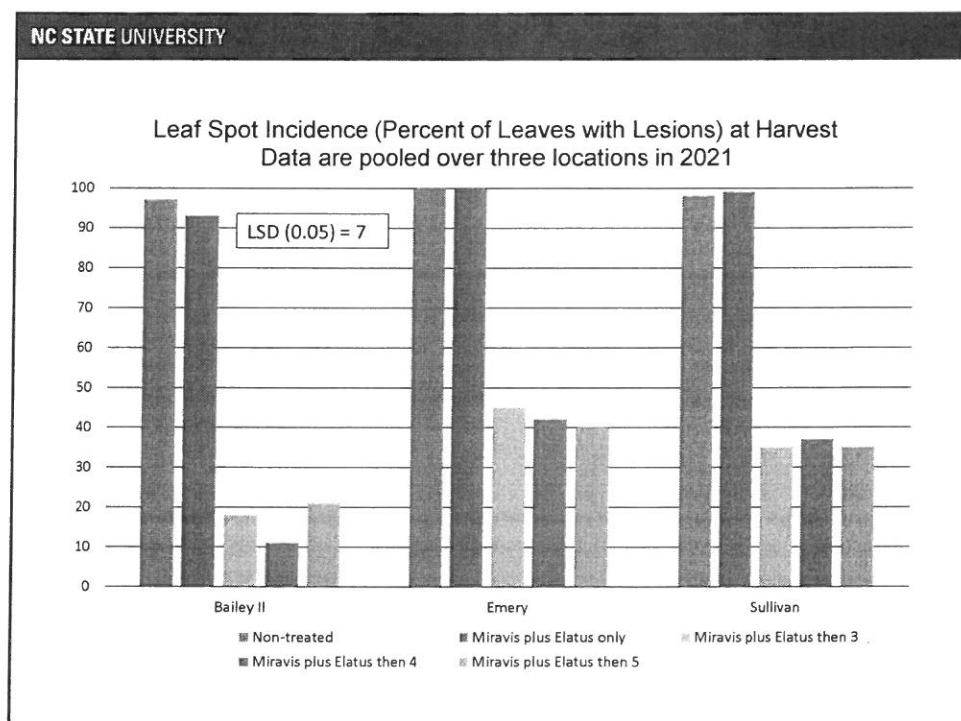
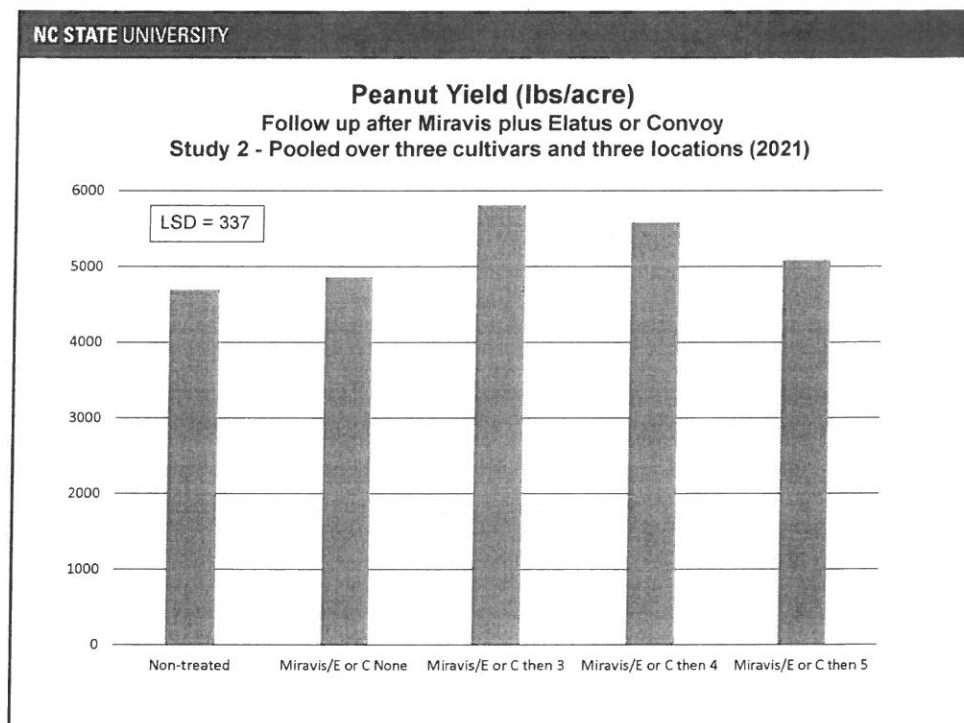
**Follow up was chlorothalonil plus azoxystrobin or tebuconazole (through August) then chlorothalonil (through mid September)

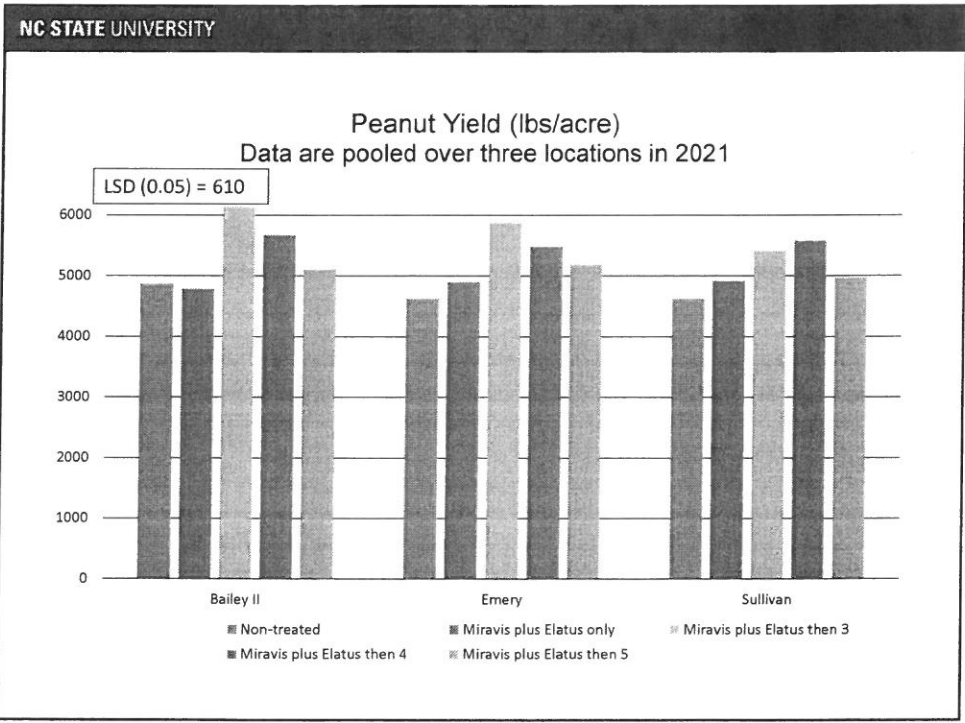
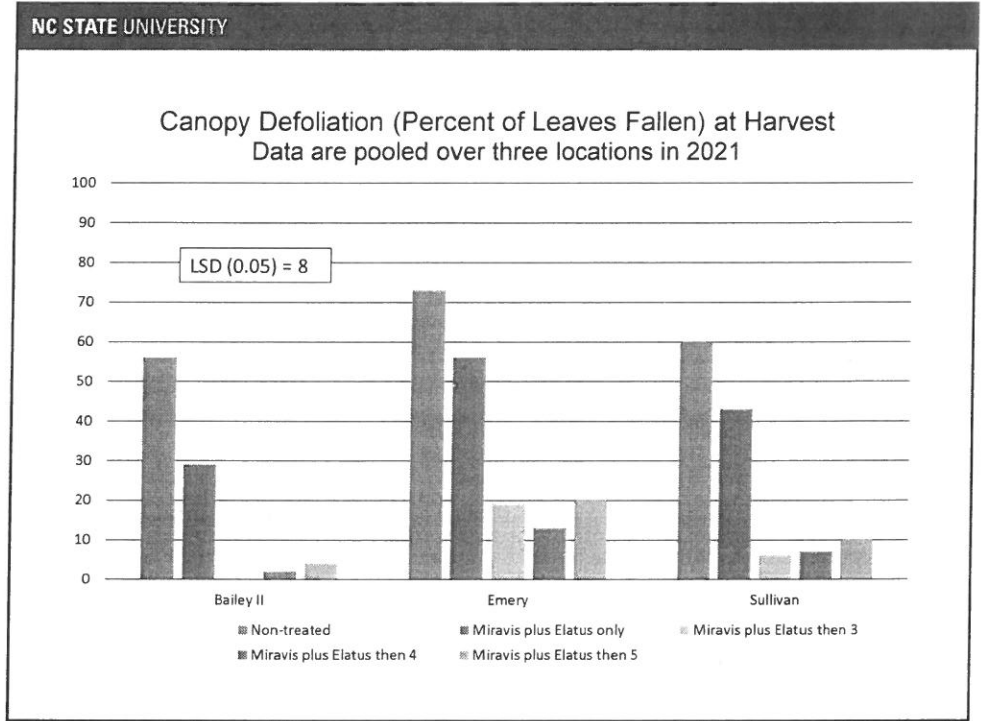
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Canopy Defoliation at Digging with Bailey or Bailey II Follow up after Miravis plus Elatus or Convoy Study 1 - Pooled over 10 site-years (2019-2021)









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*