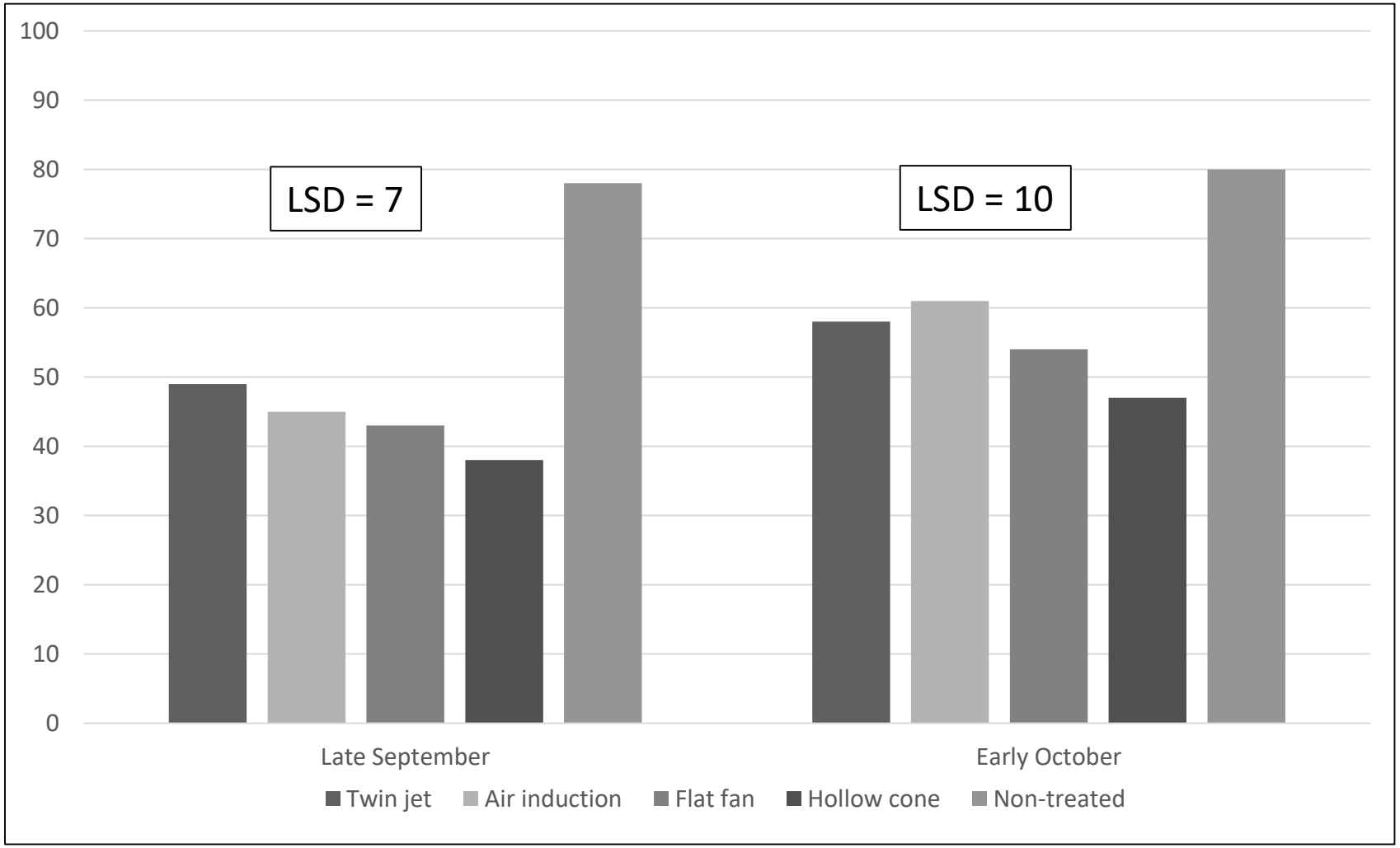
# Influence of Nozzle Selection on Canopy Defoliation and Peanut Yield

David Jordan and Drew Hare
Department of Crop and Soil Sciences
Barbara Shew
Department of Entomology and Plant Pathology

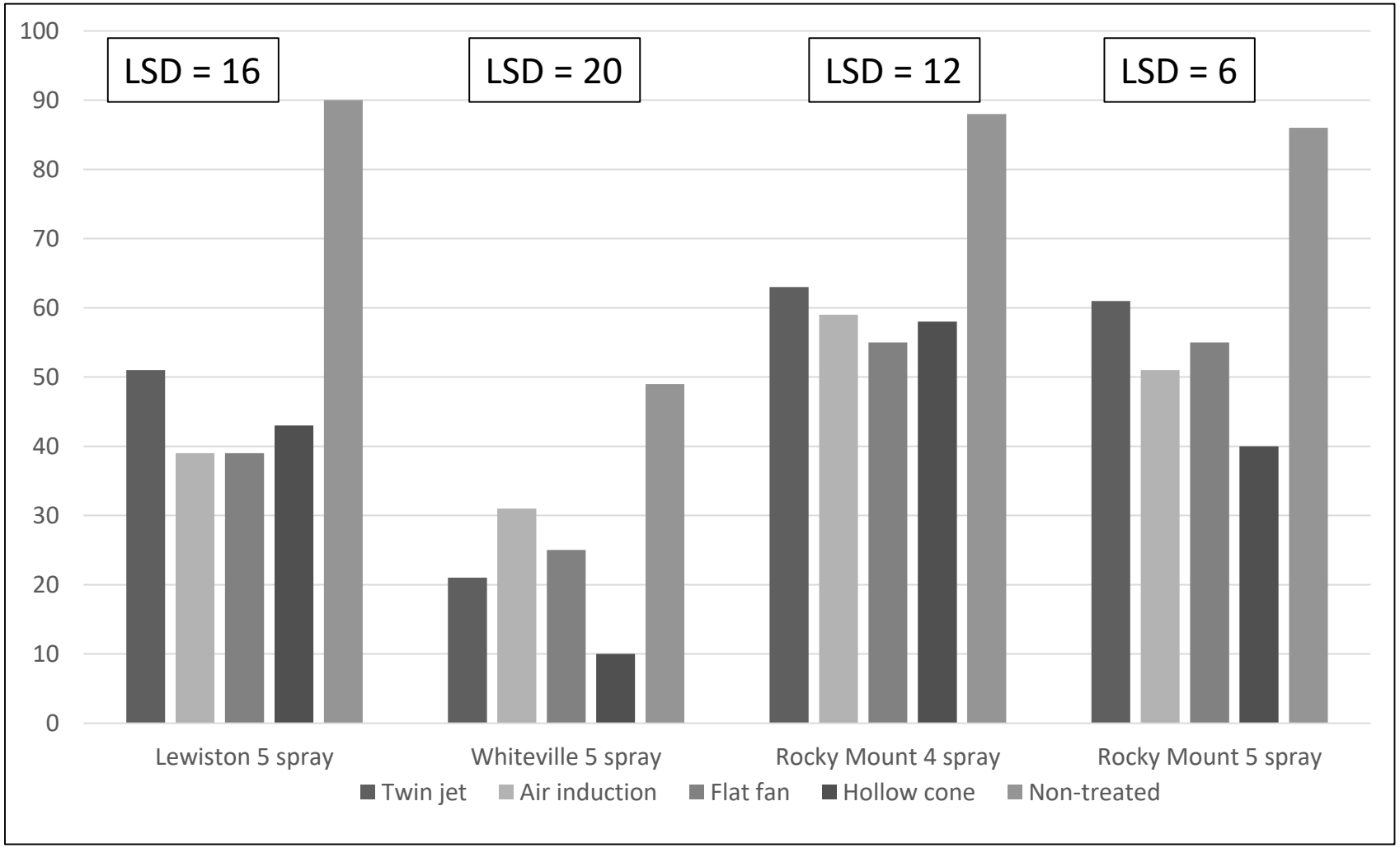
**Fungicide program:** Bravo Weather Stik, Provost, Abound, Headline, Bravo Weather Stik
**Equipment:** $CO_2$-pressurized backpack sprayer, 15 gpa, 29-31 psi, 3 mph

**Canopy defoliation caused by leaf spot disease when fungicides were applied throughout the season with twin jet, air induction, flat fan or hollow cone nozzles. Data are pooled over 4 locations during 2018.**



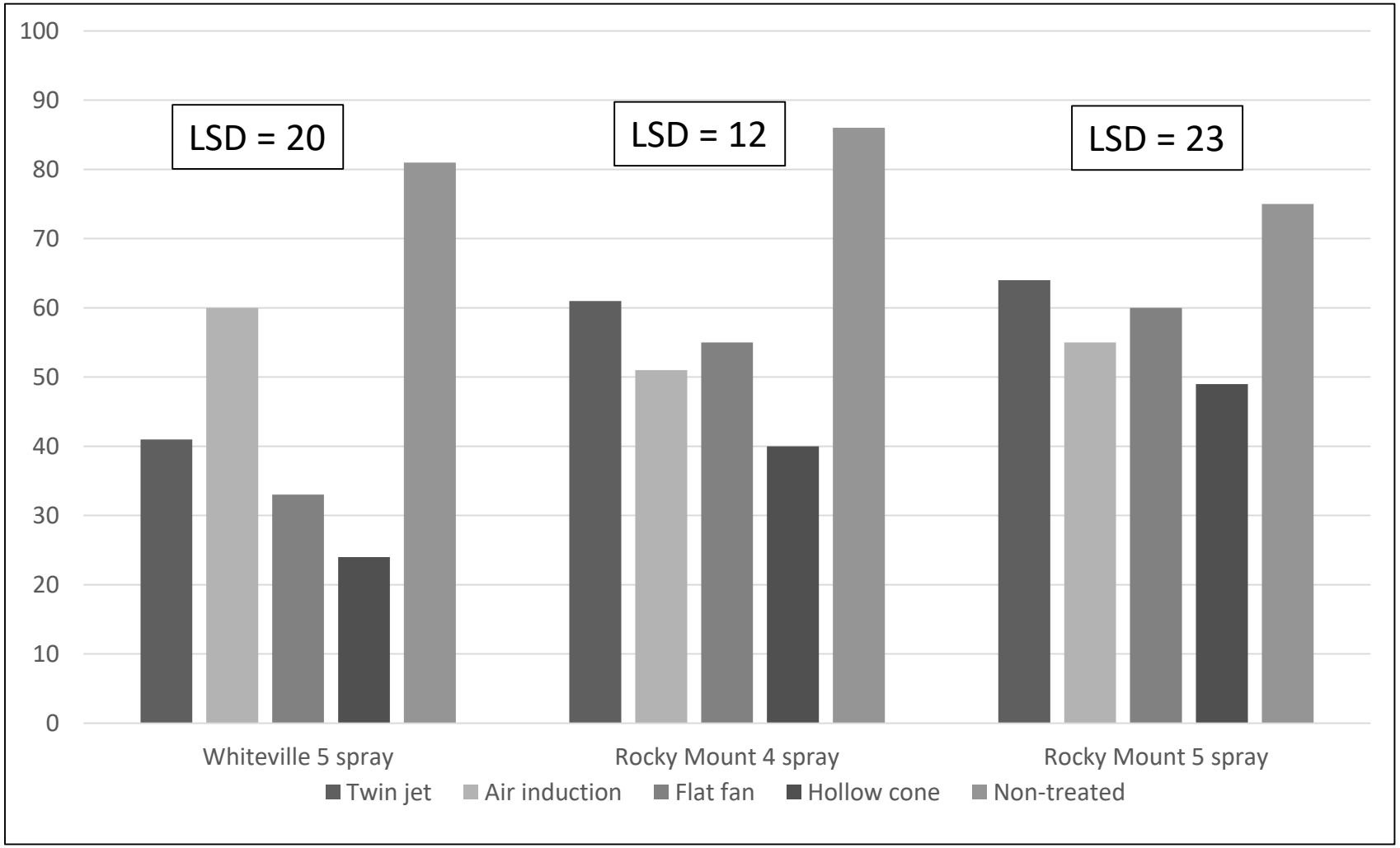
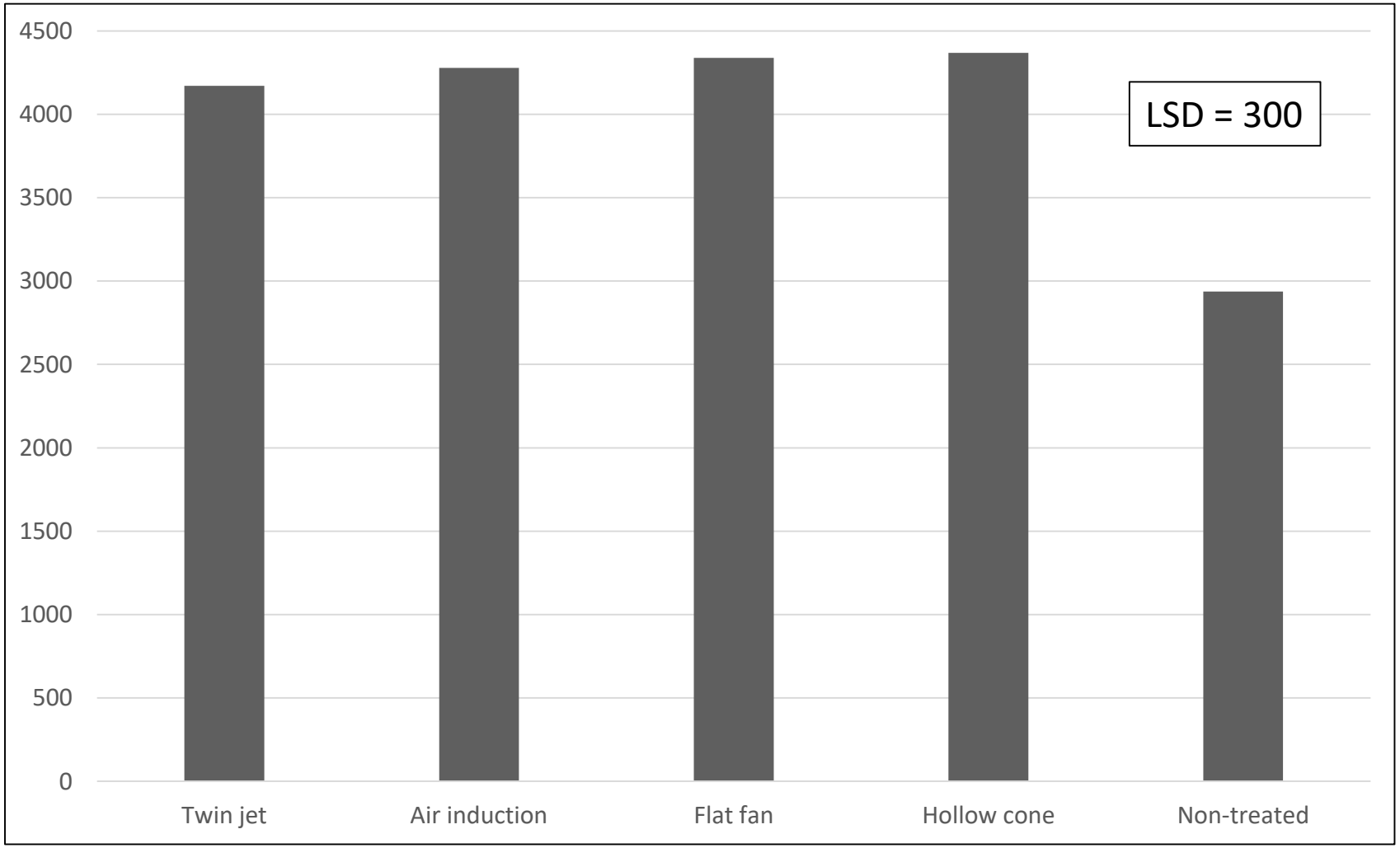
**Late September for each location**

**Canopy defoliation caused by leaf spot disease in late September when fungicides were applied throughout the season with twin jet, air induction, flat fan or hollow cone nozzles during 2018 for 4 locations.**



**Early October for each location**

**Canopy defoliation caused by leaf spot disease in early October when fungicides were applied throughout the season with twin jet, air induction, flat fan or hollow cone nozzles during 2018 for 3 locations.**



**Peanut yield when fungicides were applied throughout the season with twin jet, air induction, flat fan or hollow cone nozzles during 2018. Data are pooled over 4 locations.**