

2001 Plots & Spray Procedures

All peanut research plots were randomized complete blocks consisting of 2 rows x 100 ft. replicated 3 times. All rows were 36" except Motley & Terry Counties which were on 40" rows. The fungicide demonstrations were sprayed with a CO₂ backpack sprayer using 8004 flat fan nozzles at 26 psi with 20 gallons of water per acre. The in-furrow treatments were put out with a single 8004 nozzle and incorporated by dragging the nozzle in the furrow while spraying.

Pecans were sprayed with an Echo mist blower spraying three individual trees. The first two sprays (Bud-Break & pre-pollination) was made using 20 gpa of water. The cover sprays (full foliage) had to be raised to 40 gpa to get adequate coverage.

Watermelons were sprayed with a six foot boom and the CO₂ backpack sprayer. Using six, 8002 flat fan nozzles on 12" spacing. Plots were 50 ft. long and in a randomized complete block design with three replications.

Wheat plots were 6' x 30' replicated 3 times and sprayed with the 6' boom and backpack sprayer at 20 gpa.

Acronyms:

- IFAP** - In Furrow At Plant
- A/A** - Active Ingredient Per Acre
- V/V** - Volume Per Volume
- SMK** - Sound Mature Kernels
- SS** - Sound Splits
- DK** - Damaged Kernels
- OK** - Other Kernels
- PSI** - Pounds Per Square Inch
- DAP** - Days After Planting