Evaluation of Flumioxazin Formulations for Weed Control in Peanut

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- - Valor SX 51 WG Red Eagle Flumioxazin 51WG Panther 4SC - Valor EZ 4SC



- 2 herbicide rates:
- -3 oz/A
- 6 oz/A
- 4 replications (6' x 25' plots)
- All treatments also included Prowl H₂O 3.8ASC @ 32 oz/A (2 DAP) fb Cadre 2AS @ 4 oz/A + Dual Magnum 7.64EC @ 21 oz/A + 2,4-DB 1.75SL @ 18 oz/A (32 DAP)
- Application equipment: backpack sprayer, 15 GPA, AIXR 11002 nozzles, 38 PSI, 3.5 MPH, 20" spacing, 20" boom height.



Palmer Amaranth Control (%) - 21 DAP



Palmer Amaranth Control (%) - 45 DAP



Results:

- No interactions between flumioxazin formulation and rate were observed (P > 0.11).
- When averaged over rates, the Red Eagle flumioxazin formulation caused less peanut stunting when compared to the other formulations.
- When averaged over formulations, the 6 oz/A rate caused more peanut stunting than the 3 oz/A rate.
- No differences in Palmer amaranth control were observed between formulations or rate.
- No differences in peanut yield were observed between formulations or rate (P > 0.59).

Peanut Yield (lbs/A)







