

Invited Presentation Articles

Nozzles for Drift Management

Robert E. Wolf,

Kansas State University, Manhattan, KS 66506. USA

Over the last several years there has been an increased emphasis by nozzle manufacturers to engineer nozzles that will effectively reduce the volume of driftable fines found in spray droplet spectrums. Has this increased emphasis in designing nozzles to minimize drift compromised efficacy for some pest control products?

More information about how to use the latest nozzle technologies to apply crop protection products is paramount for achieving optimum control of undesired pests while minimizing drift. Several excellent documents have been prepared to help applicators understand these new designs and how to better use them for various application scenarios. Selected documents have been included in the proceedings for this meeting and can be found in the appendices.

Appendices for Fact Sheets

What's new with nozzles – 2004.....	458
Nozzle types for boom sprayer applications of crop protection products	464
Making sense of new nozzle choices	468
Equipment to reduce spray drift	474
Choosing drift-reducing nozzles.....	478
Effectiveness of Turbodrop® and Turbo Teejet® nozzles in drift reduction.....	486
New nozzles for spray drift reduction	488
Effect of major variables on drift distances of spray droplets	492

I would like to thank each author for allowing us to include their document(s).