



# Bulletin

Extension

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## Reducing Spray Drift

**Bulletin 816-00**

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### **Electrostatic Spraying**

Electrostatic charging of small droplets has been considered as a possible way to increase the deposition of small droplets. An electrical field between the nozzle and the plant leaf is generated by charging droplets. The attraction between small, charged droplets and the plant canopy is expected to provide the additional force to move droplets toward the plants and resist drift. Although several studies with electrostatic spraying indicated reductions in drift deposits of up to 40 percent, more field research and data are needed to assess performance of electrostatic spraying systems.

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[Back](#) | [Forward](#) | [Table of Contents](#)