

Office of Pesticide Programs Non-Target Terrestrial Plant Testing: Current Challenges

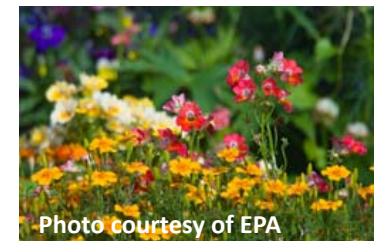
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Non-Target Terrestrial Plant Testing at EPA

- Non-target plant testing required for all pesticides
- Typically require two studies
 - Seedling emergence (OPPTS 850.4100)
 - Vegetative vigor (OPPTS 850.4150)
- 10 species tested
 - Dicots – 6 species in at least 4 families; soybean is required
 - Monocots – 4 species in at least 2 families; corn is required
 - At least one root crop is required
- Testing not restricted to crop species



Current Challenges

- Granular applications (versus foliar sprays)
- Vapor exposure testing
- Plant reproduction and how to consider it

