

CASE SUMMARY

Case #2011/1243

Complainant: Andrae Ponsot
341 Orme Ct.
Terre Haute, IN 47803
812-201-7596

Applicator: Gary Richardson
Bowman's Pro Turf
5121 N. Murphy Rd.
Brazil, IN 47834
812-448-1852

Certified Applicator
Licensed Business

1. On July 22, 2011, I, Agent Scott Farris of the Office of Indiana State Chemist (OISC), performed an investigation at the complainant's property in response to a claim of injury/damage to non-target trees and shrubs possibly resulting from exposure to the herbicide Imprelis. I observed the following during my on-site investigation:
 - a) Spruce trees showing browning (see figure #1&2).
2. I took the following photos depicting injured/damaged vegetation:



Figure #1



Figure #2

3. I collected the following vegetation samples from visibly impacted non-target vegetation as described in paragraph #1 for examination by the Purdue Plant Pest Diagnostic Laboratory (PPDL):
 - a) Spruce
4. According to a report from the PPDL, *"There was no evidence significant mite or insect injury or disease on the spruce sample submitted. The sample exhibited symptoms that are typically found to be associated with injury that can be caused by a synthetic auxin (growth regulator type) herbicides. Typical symptoms caused by these herbicides can include epinasty (twisting and curving) of the leaves or needles, shoot and shoot tip; leaf*

cupping which can be upward or downward, and in extreme cases, new leaves can be irregular in size and shape (usually smaller than normal) and have abnormal leaf margins."

5. According to the application information collected from the applicator Imprelis Herbicide (EPA Reg. No. 352-793) was applied on May 2nd, 2011, at the rate of 4.0oz /per acre using Z sprayer equipment; no application was made to the soil within the drip line of any of the trees or ornamentals; no application was made directly to any exposed roots of any trees or ornamentals.



Scott M Farris
Pesticide Investigator

September 1, 2011

Disposition: No violation of the Indiana Pesticide Use and Application Law was documented against the pesticide applicator. On August 12, 2011, a letter was sent to E.I. duPont de Nemours and Company, Inc. proposing cancellation of the registration for Imprelis Herbicide, EPA registration number 352-793, for distributing a pesticide product with label directions that are inadequate to prevent unreasonable adverse effects to non-target vegetation.



George N. Saxton
Compliance Officer

Final Date: September 14, 2011