

CASE SUMMARY

Case #2011/1194

Complainant: Scott Dixon
10046 N. Hampton Cove Ln.
Indianapolis, IN 46236
317-748-0393

Applicator: William Lloyd
Green Scene, Inc.
P.O. Box 248
Fortville, IN 46040
317-326-8888

Registered Technician
Licensed Business

1. On August 11, 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) Tops of spruce trees were curled (see figure #1).
 - b) Needles "balled up" and brown on tips of candles (see figures #2 & #3).
 - c) Other spruce showing various degrees of injury (see figure #3 & #4).
2. I took the following photos depicting injured/damaged vegetation:



Figure #1



Figure #2



Figure #3



Figure #4

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 of significant mite or insect injury or disease on the sample submitted. The sample and pictures submitted show symptoms that are suggestive of injury caused by 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 13th, 2011, at the rate of 0.10oz /1000 square feet using Z ground spray 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

Date: September 9, 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