

CASE SUMMARY

Case #2011/1281

Complainant: Monty Gilman
1950 E. 1510 S.
Clinton, IN 47842
765-832-7975

Applicator: Tom Bekkering
Tommy Boys Lawncare
631 Blackman St.
Clinton, IN 47842
812-208-7626

Certified Applicator
Licensed Business

1. On August 8, 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) Pine trees showing complete browning (see figures #1).
 - b) Apple tree showing symptoms of dieback (see figure #3).
 - c) Peony shrubs showing burning of tips (see figure #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) Pine
 - b) Apple
4. According to a report from the PPDL, *"There was no evidence of significant mite injury on the spruce samples submitted. Apple scab was confirmed on the apple leaves and symptoms suggestive of Cladosporium Leaf Blotch were observed on the image of the Peony. The sample and picture submitted show symptoms (distorted petioles and chlorosis on euonmus) that could possibly besuggestive of injury that can 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 June 24th, 2011, at the rate of 4.3oz /acre 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 15, 2011

Disposition: No violation of the Indiana Pesticide Use and Application Law was documented against the pesticide applicator. Effective September 15, 2011, the Indiana registration for Imprelis Herbicide, EPA Reg. #352-793, was cancelled because it was determined by OISC that the product is "misbranded" (it bears label directions that are inadequate to prevent unreasonable adverse effects to non-target vegetation).



George N. Saxton
Compliance Officer

Final Date: September 21, 2011