

CASE SUMMARY

Case #2011/1171

Complainant: John Steel
8912 Mossy Rock Dr.
Zionsville, IN 46077
317-732-4347

Applicator: Robert Stalets
Green Scene Inc.
PO Box 248
Fortville, IN 46040
317-326-8888

Certified Applicator
Licensed Business

1. On July 6, 2011 I, Agent Kevin W. Neal 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. A Notice of Inspection was issued to John Steel. I observed the following during my on-site investigation:
 - a) Tops of trees were curled (see figure 1)
 - b) Spiraling of dead areas (see figure 2)
 - c) Cupping and curling of Tomato leaves (see figure 3)
2. I took the following photos depicting injured/damaged vegetation:



Figure One



Figure Two

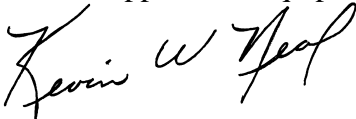


Figure Three

3. I collected the following vegetation samples from visibly impacted non-target vegetation for examination by the Purdue Plant Pest Diagnostic Laboratory (PPDL).
 - a) Spruce
 - b) Tomato
4. According to a report from the PPDL, *"No infectious disease or insect pest was found to be associated with the distortion on the tomato sample submitted or with the dieback and distortion on the spruce sample submitted. The samples submitted exhibited symptoms that are*

typically found to be associated with 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.”

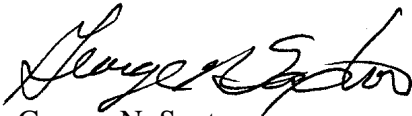
5. According to the application information collected from the applicator Imprelis Herbicide (EPA Reg. No. 352-793) was applied at the rate of .1 oz per 1000 sq ft with Z-Spray ground application equipment.



Kevin W. Neal
Pesticide Investigator

Date: September 27, 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: October 20, 2011