

CASE SUMMARY

Case #2011/1177

Complainant: Jamie Garth
9308 Oak Knoll Lane
Fishers, Indiana 46038
317-833-5458

Applicator: Jason Gallaher
Green Scene Lawn Care
1855 East 1000 North
Pendleton, Indiana 46064
317-326-8888

Registered Technician
Licensed Business

1. On July 14, 2011, I, Agent Kevin Gibson 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 plants possibly resulting from exposure to the herbicide Imprelis. A Notice of Inspection was issued to Jamie Garth. I observed the following during my on-site investigation:
 - a) Ground cover juniper (see figure #1).
 - b) Close-up of juniper (see figure #2)
 - c) Dwarf spruce (see figure #3)
 - d) Close-up of dwarf spruce (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) Ground cover spruce
 - b) Dwarf spruce

4. According to a report from the PPDL, "**Dwarf Spruce:** Spider mite eggs were detected at the base of each needle but mites are not currently active on the sample. This suggests that if the weather is dry in the spring or fall, there could be a spider mite problem. There is no evidence of the type of twisted new growth and widespread death of new growing points typically seen with root uptake of a growth type herbicide. **Ground cover juniper:** The cause of the large dead areas in the juniper planting may be caused from several stress factors and root problems. No specific symptoms of herbicide injury were noted. We have had no experience with Imprelis on juniper so can't evaluate whether this is related to the Imprelis application or not. Suggest checking for soil compaction, root rot symptoms on the area with some green remaining and check for damage of the lower stems by mice."
5. According to the application information collected from the applicator Imprelis Herbicide (EPA Reg. No. 352-793) was applied on April 21, 2011 to the yard at the rate of .10 oz. per 1000 square feet on hand held 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.


Kevin W. Gibson
Pesticide Investigator

Date: September 30, 2011

Disposition: No violation of the Indiana Pesticide Use and Application Law was documented at this time.


George N. Saxton
Compliance Officer

Final Date: October 20, 2011