

Section I  
Invasive & Emerging Pests

**Japanese beetle introductions at PDX, 2011**

Pat Mitchell  
Oregon Dept. of Agriculture  
Natural Resource Specialist 2  
Insect Pest Prevention and Management  
Portland Field Office  
Office: 503-452-0108  
[pmitchell@oda.state.or.us](mailto:pmitchell@oda.state.or.us)

\*Brief power point presentation of historic JB interceptions at PDX vs. 2011 catches.

An alarming number of JB's have turned up at PDX this year, 17 catches.

\*How are JB's getting introduced?

Cargo carrier companies utilizing direct flights from infested areas and also ground transportation has recently become highly suspect.

\*Why does it matter?

The ramifications of a Japanese beetle establishment in Oregon would be a disaster on many different levels, ie., damage to commodities of major Oregon industries including nurseries, vineyards and grass seed production. Also affected would be our quality of life in relation to golfing , arboretums,, rose gardens and home gardening etc. An arising problem would be the potential for overuse of pesticides administered by the public.

\*What will be our plan of action for 2012?

Delimitation trap distribution protocols will be implemented. A new prototype trap that sends an image of the trap can to a web site will also be utilized. There will be pesticide applications strategically administered. A new product, Acelepryn, may be a good alternative to previous products because of less applications required and low toxicity.

\*How will eradication efforts be funded?

Stakeholders such as FED EX and Port of Portland are in current negotiations. Possible future considerations may involve the OAN (Oregon Association of Nurseries) amongst other affected industries.

**\*Conclusion**

2012 and beyond. Cooperation and public outreach and awareness will be crucial, as well as funding. A stable isotope study which ascertains a generalized birthplace of an individual JB (Eastern US vs, Western US) may be of great help in establishing JB introduction dynamics.