

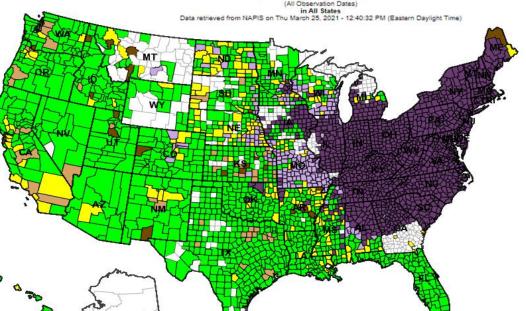


- Japanese Beetle is a scarab beetle native to Japan

- It feeds on over 300 types of plants

 It was first found in the United States near Riverton, New Jersey in 1916

- Since that time it has slowly Oregon spread and become established in about half of the country



Reported Status of

Japanese beetle - Popillia japonica



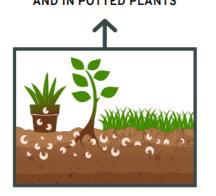
agr.wa.gov/beetles

WSDA

- As an adult, it can move many miles on airplanes, trucks, or trains
- Most often the detections are associated with air cargo and do not result in established populations

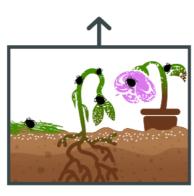








ANY YARD DEBRIS CAN MOVE BEETLES AND EGGS



- As a larva, it can spread in the soil of potted plants, compost, or fill



#### SPRING

Grubs awaken from winter and begin feeding on grass roots. After feeding, grubs change into pupae that will later become beetles.

### SUMMER

Pupae turn into beetles, including Japanese beetles, which emerge to feed on garden foliage and flowers. Beetles lay eggs in the lawn soon after.

#### FALL

Eggs hatch into new grubs which feed on grass roots, thereby destroying your lawn. The destructive cycle begins all over again.

















### **Harmonization Plan**



- Framework to protect unifested states
- Provide consistent certification requirements

**U.S. Domestic** 

**Japanese Beetle** 

**Harmonization Plan** 



Adopted by the National Plant Board August 19, 1998 Last Revision June 20, 2016

## **General Infestation Impacts**

### Extra requirements = extra costs

- Additional trapping
- Grow inside screens
- Require phytosanitary certificates
- Treat any plants in soil
- Screen all transport vehicles
- High cost of eradication
- Limit size of, or all of export

### What could be regulated? Soil, humus, compost, manure All rooted plants, crowns, bulbs, tubers Grass sod Any other plant or article determined to

present a hazard of spreading live JB

Photo: Farm Tek.com

### **Top 10 Commodities in Washington**





\$1.2 billion









\$516 million





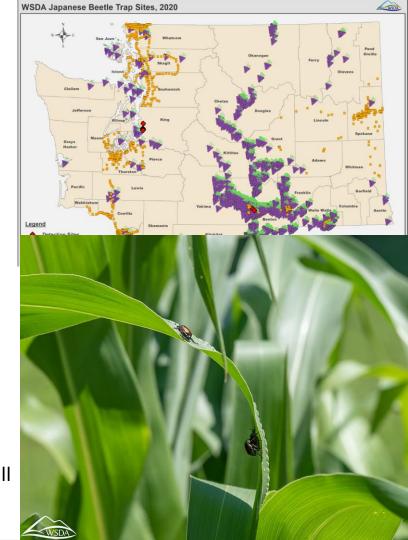






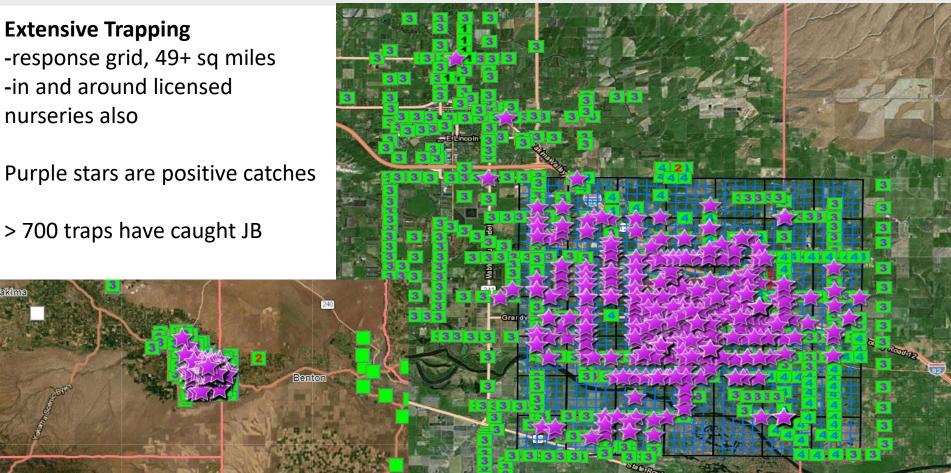


- In 2020 WSDA deployed 1,600 Japanese Beetle traps and detected one in Sunnyside and two in Grandview.
- This seasons traps have caught over 25,000 beetles, and still counting, in the Grandview area.



# What are we doing?





# What are we doing?





What are we doing? **Proposed quarantine** Legend Detections - Heat Map Quantification - High JB Detections - Graduated Symbol Counts Quantification > 300 220 Japanese Beetle Quarantine Area - JB 2021 Quarantine Area Quarantine of infested areas County Lines Multi year eradication/treatment WSDA PP Specimen Records.

### **Draft Internal Quarantine**



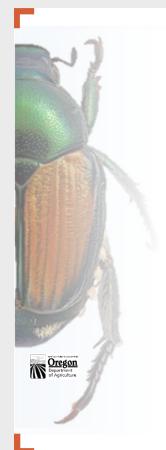


Considering prohibiting movement of these articles from the quarantine infested area, to other areas of the state or outside the state:

- All soil of residential, agricultural or commercial properties;
- Yard debris, grass sod/turf;
- All plants, bulbs, crowns with roots, unless bare root (free of soil). Potted nursery stock could move with special treatment;
- Hop bines & corn silage harvested during adult flight season;
- Any other article or means of conveyance that poses a risk of spreading Japanese Beetle.

### **Rule Making Process**





- CR-101
  - Information gathering
- CR-102
  - Draft language
  - Survey stakeholders
  - Write Small Business Economic Impact Statement (SBEIS)
- Public hearing
- CR-103
  - Concise Explanatory Statement (CES)
  - Adopt Rule



## How you can help



### **HAVE YOU SEEN THIS PEST?**

- Report suspected sightings
- agr.wa.gov/beetles
- PestProgram@agr.wa.gov
- 1-800-443-6684



#### Report a Sighting Below

Click or tap below to choose a location on the map:\*



You're Name (optional):

### **Learn More**



- Visit agr.wa.gov/beetles
- Join the Japanese Beetle Facebook group
- Sign up for email alerts on WSDA's website
  - Follow us on Facebook, Instagram, and Twitter





## Thank you!

agr.wa.gov/beetles

PestProgram@agr.wa.gov

WHAT DO YOU NEED TODAY?

1-800-443-6684