



# Aminocyclopyrachlor in Oregon

Incident Review and Status Update



# First Case, Deschutes County Road Department/United States Forest Service

- United States Forest Service called ODA Bend office in November of 2013
- Concerned about trees along roadside right of way of Cottonwood Road and Paulina-East Lake Road
- Observations made by ODA Investigator, sporadic symptomology
- Sampling by ODA, 12 samples, 3 detections
- "I spoke with Valley again. We discussed the applications to Cottonwood Road. Valley noted that of the many places they used Perspective, only two showed any issues in regards to affected Ponderosas. Application methods were the same in all places. Valley said the only appreciable difference from the Cottonwood Road site and the others was that in 2011, all sites sprayed with Perspective were done at the maximum label rate. In 2012 the Cottonwood Road site was sprayed at the maximum rate, the other sites were done at half the rate."



November 6, 2013



November 6, 2018





## Second Case, Highway 20/United States Forest Service

- ▶ ODA Bend Investigator noted trees in a state of decline along Highway 20 in November of 2014
- ▶ United States Forest Service reached out to ODA Bend office in March of 2015
- ▶ Observations made by ODA Investigator
- ▶ Sampling by ODA





April 24, 2015



11/07/2018 14:58



# Overhead Imagery along Highway 20 from United States Forest Service





# Media Articles, Reports of Loss, and the Start of Further Fact Finding

- News articles covered United States Forest Service plan to cut down Ponderosa Pine trees along Highway 20
- ODA received Reports of Loss and Public Records Requests
- United States Forest Service Health Report
- Additional location identified
- Temporary Rule
- Public Meetings
- Additional Sampling



# Magnesium Chloride Toxicity in Trees



**Figure 2:** Tip burn on conifer foliage. Low severity of tip burn (left). High severity of tip burn (right).



# Aminocyclopyrachlor Effects











# Data Call In

- In October and November of 2018, emails were sent to two separate list serves, 113 operators with ROW category, 315 entities on the weed list serve, including cities, water conservation districts, tribes, and counties
- Data was received from 32 of 36 Oregon counties, Union, Harney, Josephine, and Sherman counties have not reported back
- In total, 123 entities responded, 108 from the weed list serve email, 14 from the operators list serve email, and 1 from contact with an investigator
- 18 entities reported using aminocyclopyrachlor, 2 commercial operators, 1 tribe, and 15 public entities
- 5 products were used, both EPA Numbers of Perspective 352-846 (11 oz/ac/year) 432-1569 (11 oz/ac/year), Method (18 oz/ac/year), Viewpoint (20 oz/ac/year), and Streamline (11.5 oz/ac/year)
- Applications are being made in all areas of the state. The majority of applications are being made in early spring (March and April), with few being made past summer (August).