

MD PSP (Pesticide Stewardship Partnership)

March 11, Monday, 2024, 10-noon

COAREC ("Experiment Station"): 850 NW Dogwood Ln, Madras

MD PSP Objectives: Meet water quality goals

1. All 2024 Pesticides of Concern (POC) in 2028 are below aquatic life benchmarks
2. Reduce detection frequency by 25% of the four highest detected pesticides of 2023 by end of 2028.
3. Reduce the # of High POCs by 4 by end of 2028, compared to 2023.

Group Mission: 1) Increase knowledge of barriers to implementing BMPs, 2) develop communication material to increase understanding of MD PSP goal objectives and IPM, 3) develop a unifying campaign to reduce pesticides in MD waterways.

Role of Group: develop and implement an outreach plan to meet PSP objectives

Participants: Albert Sikkens (Pratum), Brad Klann (producer), David Gruen (DEQ), Drake Gilbert/Shilah Olson (Wasco SWCD), Jay McCabe (Wilbur-Ellis), Jeremiah Dung (COAREC), John Spring (COSI), Kathryn Rifenburg (ODA), Lane Springer (NUID), Mandy Ondrick (DEQ), Mark Wunsch (producer/County Commission), Rob Galyen (producer), Scott Simmons (Helena), Scotty Samsel (producer), Ellen Hammond (JCSWCD)

A. Overview: David Gruen, DEQ

- See attached PPT and Ellen's summary document

B. Discussion

- Diuron/Linuron = values high if runoff within a couple days after spraying
- Higher values in spring due to physical movement of soil during precipitation
- Values spike when ground is bare due to soil erosion
- Diuron is cheap so often used for residual weed control (common in ditch banks, roadsides, stack yards)
 - A short-term priority for us because it is on its way out.
- Linuron = have 10 years (ish) before reviewed again by the Feds for safety, etc.
- Imidacloprid = individual operations, fresh veggies, spuds. Not the highest priority because relatively low concentrations.
- Dimethoate = Found at Campbell Creek at Hwy 26. Seed crops. Mostly found in spring, probably due to higher flows. Aphids in wheat?
- Oxyfluorfen = Grass seed. Carrot seed.
- Sulfameturon – Found in Culver Drain below campground. **Ellen check with Matt at Public Works**
- Need to know half lives! **Ellen will research.**
- Need to decide what to address via public outreach and what to address via chats with individual growers. **Ellen talk with Gordon about his experience in Southern Oregon.**