

WSU-WOCS Oilseed Workshop – Hartline January 22, 2018



Session details:

8:00-8:10 a.m. Welcome and Introduction

Scot Hulbert and Karen Sowers, WSU

How to get to 2500 lbs – Dan Orchard, agronomy specialist, Canada Council of Canola

A discussion of trends for high yielding canola growers – where ARE they finding that consistently higher yield? Dan will share how fertility, harvest loss, insects, weed control, and stand establishment should all play into decision making for successful canola production.

The Dollars and Sense of Canola in Rotation- Aaron Esser, WSU

A hands-on session learning how to use enterprise budgets developed at WSU. Participants will enter farm inputs such as seed and seed treatment, pesticides, fertilizer, and other parameters to compare returns from a rotation with and without canola.

Field Diagnostics: Fertility Strategies - Dan Orchard, Canola Council of Canada

This session will have live canola plants exhibiting nutrient deficiencies. Participants will learn about fertilizer sources, rates, placement, and timings, fertilizer application methods, as well as the importance of soil testing, followed by learning to diagnose the deficiencies and 'rescue' fertilizer applications.

Variety Selection and Development – Mike Stamm, Kansas State University & PNW Producers

The current status of variety development at university and industry sources will be shared, as well as variety selection strategies based on residual herbicides, weed control needed, yield goal, and other factors. Yield results from PNW canola variety trials will be presented.

To Spray or Not to Spray: Pests and Pollinators - Karen Sowers, WSU and Dale Whaley, WSU

Interactive session with pest identification, thresholds, and control measures including pesticide timing and rate applications. Results of an ongoing pesticide study with cabbage seedpod weevil in winter canola will be discussed. Beneficial insects including pollinators will also be discussed for decision making on pesticide applications when beneficials are present

12:00-12:45 p.m. Lunch

Marketing and Storage (general session)

A panel discussion by representatives of Pacific Northwest oilseed processors, marketers, and storage facilities.

Crop and Chemical Rotation - Aaron Esser, WSU

The importance of planning for an oilseed crop will be discussed, including knowing the herbicide history on fields; how to perform a bioassay to determine if residual herbicide is

present, rotating herbicides to reduce the chance of resistant weeds, and rotating crops along with herbicide groups.

Field Diagnostics: Avoiding Herbicide Injury – Rachel Zuger, WSU

A session with live canola plants at different growth stages where attendees will learn to identify residual and drift herbicide damage symptoms. Herbicide interactions, preplant and in-season herbicide options, and what to do if damage is observed will be discussed based on identification of the symptoms on the live plants.

Harvest Management & Minimizing Loss – Dan Orchard, Canola Council of Canada

Demonstration of collecting a sample during canola harvest, calculating seed loss, and translating that to potential economic loss. Combine settings and harvest methods will also be discussed by local producers.

Stand Establishment Strategies – Mike Stamm, Kansas State Univ. & Scot Hulbert, WSU

Hands-on session comparing emergence and early season vigor of different canola varieties, seed sizes, and planting depths related to stand establishment, row spacing, drills vs. planters and plant population.

4:25-4:40 p.m. PNW Canola Association and Washington Oilseed Commission Update

4:40 p.m. Social

Many thanks to Crop Production Services for sponsoring the 2018 Oilseed Workshop at Hartline!

