

June 21, 2022

Meeting minutes for WWW//WERA-97

Juliet Marshall – Idaho

Spring wheat acreage up

Cool wet weather good for stripe rust, but low arrival of stripe rust.

Growers reduced corn, spring wheat and spring barley is up higher than expected.

FHB starting to show in inoculated plots.

Diseases: strawbreaker foot rot (eyespot) 150lbs/acre planting rate. Conditions may impact grainfill.

Low take all

Some growers planted spring wheat and took 30 days to emerge. So far no rust in spring wheat.

UI Gold (IDO1804s), two add ido24hf, ido2022cl

NIFA grant funded, Margaret Krause is collaborator

Need a canola breeder, 75 applicants, expanding in controlled environment agriculture.

Doing well as a university, 6% pay increases for all.

HF not going away at this point

Kim Campbell – usda ars

In middle of interviews for crop physiologist – falling numbers area 3-6 months. This will fill the unit.

New bioinformatics and big data – historic variety trial data with weather to correlate with falling numbers.

Xianming Chen – he was sad last year but not this year

Johnson hall is being demolished.

New fed building to be built on Johnson Hall site.

Cameo new club variety

New Dean

Replacement of Bill Schillinger

Looking for new agronomist for Walla Walla area

Irrigated weed scientist out of Prosser

Whitman county small grains specialist.

North ID and WA starting to look phenomenal.

Hessian Fly is starting. Pheromone trapping in 6 locations. Traps are loaded.

Tim Murray – Columbia county to fill Paul Carter's position

Steve VanVleet also getting filled. Short on agronomists

Just finished mycologist search

Diseases: stripe rust is slow. From historic drought to wet spring. Into May before we hit 70 degrees

Stem rust is expected on spring wheat. Still have barberies even through the eradication program is going.

SBWMV in WA: two new reports north of highway 2. Irrigated flats.

FHB is showing up

Paulitz, Cereal Cyst Nematode
Microbiomes with Hagerty
Effect of location crops on the following crop
Documented yield decreases after canola
Nematode communities with new fullbright scholar

Identify markers for stripe rust resistance
Checking fungicides
Garett is new commissioner.

Camille Siebel – Falling numbers
Presence of alpha amylase for end use quality
Did not have accurate falling numbers collaboration with “Envirologics”. Lots of support for Alix McGregor

Utah:
A little behind everything looks great
Barley looks fantastic: Stripe rust every 8-10 years. Hard to screen for disease. Rely a lot on other testing in Washington.
Lots of cereal leaf beetle. Producing foundation seed of 6 row barley. Compost project collaboration. Looking at 20 varieties in and out of all locations. USDA collaboration forage and grain research lab. Taken on grad student

Oregon:
Foliar: stripe rust across the state is same as everyone else. Low inoculum last year. Same races but sub populations
Septoria: spray every year in valley. Went wild in plots. Some varieties are torched.
Some cultivars looking better on Septoria.
Fungicide resistance: Triazoles not working as well.
Big year for eyespot and strawbreaker foot rot
If combine *pch1* and *pch2* you get synergy.
Ceph stripe: Gilliam County can have high pressure – infected leaves can have high pressure.
Looking at markers for fusarium crown rot.
Strong positive correlation.
Can we get markers based on ceph.
Sharp eyespot: lost 10% to sharp eyespot.
Continuing to do screening of sharp eyespot
Fusarium head blight in the valley
New Dean Staci Simonich
Bob Zemetra’s retirement end of year/looking for new replacement
Crop consultants seeing fusarium

New Rep for NWIC: Jocum and Eric are training Christina Hagerty. Jason Cook
Personnel Projects are: Green bridge, Cover cropping, TBZ, SBWMV:

Water shortages in the irrigated sector.
Spring wheat breeding.

Wheat yield is up, protein will be down. You can tell it will be a good year with rust in
Hired new weed scientist: can't say name
Breeding wise: OR 213755. Dryland type good rust resistance. Tolerant to beyond. 21604216
experimental.
Appleby CL+ looks great.
Two experimental with Roslyn backgrounds looking good.
Co-Ax soft whites. Crossed to 10 different backgrounds.

Jason Cook spring wheat breeder at MSU since 2021.
Personnel: new winter wheat breeder from CYMIT. New endowed chair from TX Tech.
Lots of retirements at MSU: 6 new faculty
Very dry, just starting to get rain. Outlook better than last year. But not sure if rain will
Sue Mondal

Dale Clark
Nutrien #1 ag retailer – produce a lot of fertilizer. Working on supply. Cotton breeding, rice
breeding, wheat program is small. Large marker program. Main focus is wheat is to see a spot
to fill.

Nutrien
Last year in wheat quality council. Via competitor. Not using solid stem. Just use the flies to tell
us what they think. Contract research.

Grain Craft – 1 of 13 flour mills. Historically normal year. Last year was very challenging. They
mill all classes. New volume.

McGregor bought 3 grain elevator. Re-Branded to be called TMC genetics.

New fungicides for stripe rust. Anthem Flex for weed control.

Westbred – 19 new varieties.
AgriPro – new SWW breeder with AgriPro

Limagrain: Personnel updates. Jay Kallous left LCS and Dylan Larkin is new breeder