



2016 Fall Seed Newsletter

Northwest Grain Growers Seed Plant wants to say thank you for your business last year. We had another outstanding year and were able to pay out seed patronage of \$1.38 per bushel in 2016.

The NWGG board of directors made a large investment last year in our seed plant approving the installation of a Buhler color sorter. The color sorter was the first one to be installed at a commercial seed plant in the PNW. We saw an improvement in the quality of our cleaned seed (better test weights) in addition to reducing the risk of contamination. We can now remove other classes of grain (red in white, barley in wheat, etc...) as well as the crack and chaff missed by our other cleaning equipment, all while reducing the risk of weed seeds. We also believe that we can reduce the risk of cereal rye and goat grass contamination by at least 80%. If you are interested in looking at the “before and after” clean grain samples, please come into the main office or at the Dayton branch office.

All proprietary varieties have a **NO SAVE SEED AGREEMENT** that needs to be filled out before you can pick up seed. This includes all Syngenta, Limagrain, Clearfield and some OSU and WSU varieties. Syngenta, Limagrain, OSU and WSU agreements are “evergreen” contracts that are good for 5 years and must be filled out on the computer. The BASF agreement is now online, but it is not “evergreen” and needs to be filled out every year if you are going to seed a Clearfield variety. Monsanto has a new agreement this year. If you take out a Monsanto variety, you are agreeing not to save the seed and the documentation will be mailed out to you. **PLEASE STOP BY THE OFFICE TO MAKE SURE ALL OF YOUR PAPERWORK HAS BEEN FILLED OUT BEFORE PICKING UP FALL SEED. NWGG CANNOT LOAD OUT SEED UNTIL YOUR PAPERWORK HAS BEEN COMPLETED.**

Seed Returns: Unfortunately with the changing conditions surrounding the seed industry, NWGG is unable to take bulk seed returns for several reasons. 1) PVP vs. Public varieties. It is against the law to re-sell private seed varieties as common seed per WSCIA guidelines. Over 95% of the seed wheat sold from NWGG is now a private variety. 2) Risk of contamination from producers trucks. NWGG spends a lot of time and money trying to ensure clean and weed free certified seed. 3) Risk of mixing incorrect varieties when returning seed. Non-Clearfield seed returned and put in a Clearfield load. 4) We have been notified by our insurance carrier that our seedsmen E&O coverage will be voided if we allow returned seed to be re-sold by NWGG due to the increased risk once the seed has left our facilities. We do have 60 lbs. bags of seed available as you are finishing up fields. **Return of unopened bags is allowed.**

This fall we will be carrying at least 25 different varieties of soft white and hard red winter wheat. There are six new varieties this year that fit different climate regions in our area:

Drive is a soft white wheat from Limagrain. Early maturing, short, and a very good rust package, good test weight and winter hardiness. Excellent yield potential

Puma is a soft white wheat from WSU. Mid maturity, tall in height, very good disease package; foot rot, C-Stripe, and rust,

Norwest Duet is a new from OSU and Limagrain. Zerpha/Skiles, good disease package, taller, good winter hardiness. Looks very good in the 40-90 bushel region.

Magic is a 2 gene soft white wheat from U/I and Limagrain. Early maturing, shorter height, good disease package. Excellent yield potential

WB1376 is a 2 gene soft white wheat from Monsanto. Mid maturing, taller height, very good disease protection on rust.

Jet is a hard red winter wheat from Limagrain. Early maturing, short height, great disease package, very high yield potential, good protein efficiency and good test weight.

For Clearfield varieties we will again be adding blue dye to help identify the seed as a Clearfield variety.

The **reseed program** will be the same as last year. If your seed does not emerge out of the ground due to environmental conditions we will reduce the price by a \$1.00 per bushel on the bushels you use to reseed. This program will cover any bushels seeded before December 1, 2016. NWGG will try to replace the bushels with the variety of choice as long as supplies last. Albaugh and Syngenta both offer a replant program if you meet their conditions.

Seed treatment considerations:

The seed treatment choices and alternatives have greatly increased in the past couple of years. Several old chemistries have gone off patent and are now being labeled under different names.

Macho 600 is a generic Imidcloprid which replaces Gaucho, Difenoconazole is a generic Dividend replacement. Many companies are reformulating chemistries and changing pricing structures, it would be prudent to thoroughly evaluate your treatment needs. NWGG's ability to blend and treat at different concentrations can reduce your cost of seed treatment. NWGG's seed is priced without seed treatments included, so check the total price for the true cost of seed. It is also important that you know which products you are actually getting and at what rates with so many chemistries and products available. Double check to make sure you are getting the products you need and want.

Due to the seeding conditions last fall and wild temperature swings this spring, many farmers found an increase in Rhizoctonia and Fusarium, as well as Pythium. There are 19 species of Pythium that can cause root rot in wheat. Pythium is destructive in cool/wet soils that have been minimally tilled or "direct seeded." These diseases seem to be increasing with more minimum and no-till seeding. Different fungicides are stronger on some diseases than others while certain fungicides are better fit in deep furrow areas than higher rainfall areas. **Fusarium, Rhizoctonia, Pythium and Dwarf Bunt** are all challenges in our diverse growing region.

Wireworms and Aphids: Farmers taking out CRP are running into increased wireworm pressure and we are also seeing increased wireworm pressure in minimum and no-till farming. The earlier seeded areas usually have increased aphid activity (barley yellow dwarf).

FUNGICIDES:

Albaugh NWGG .25 – Thiabendazole for fusarium, Rizolex for rhizoctonia, higher rate of Difenoconazole for additional TCK protection and Metalaxyl for pythium, plus Macho for growth promotion. This is a generic version of seed treatment that will compete with Syngenta's Cruiser Max product line.

Vibrance Extreme – is improved Dividend with adequate pythium, rhizoc, fusarium and dwarf bunt (TCK) activity.

Evergol Energy – is from Bayer with a new fungicide for additional fusarium activity, raising the bar in the deep-furrow areas where pythium and TCK are not major problems.

CruiserMax Vibrance .33 – is Syngenta's response to Proceed: Rancona for fusarium, Vibrance for rhizoctonia, higher rates of Dividend for additional TCK protection, Apron for pythium plus Cruiser for growth promotion: also available at higher rates for wireworm and aphid activity.

Cruiser Max .33 HR – is Cruiser Max with twice the Vibrance.

NWGG will be carrying a new polymer from Wilbur-Ellis to reduce dust-off and enhance the flow ability of treated seed. We will continue to add mineral oil to all the seed, but limited research shows some of these new polymers can reduce the loss of seed protectants by 7-10%. This might be a good product for growers having trouble with dust build up on the drills.

Starter Fertilizer: Wuxal® Terios is a nutrient suspension specifically formulated for use as a seed treatment. Wuxal® Terios provides the additional energy or nutrient needs, over and above that found in the endosperm to create a vigorous seedling.

ADD ON FUNGICIDES:

Difenoconazole – add to base fungicide for improved Rhizocotonia

Stamina – add to any base fungicide for cold tolerance, not a stand-alone product

Apron – for added pythium protection

TBZ (Thiabendazole) - for added fusarium protection.

ADD ON INSECTICIDES:

Macho- for wireworms and aphids; Macho is the generic version of Gaucho

Payment of Seed Bills: NWGG expects payment in full by the 20th of the month following purchase. A **discount of 1.5%** is allowed if payment is received by the 15th of the month by cash or check.

Credit card payments are allowed only if the card is presented in the office for payment of the current bill by the 20th of the following month and credit card payments are not eligible for the seed discount. If the bill is not paid in 60 days, you will be notified that a seed lien will be filed.

Questions:

Walla Walla Office: Mike Klicker 525-6510 or 520-7183.

Walla Walla Seed Plant: 529-3004 or 386-3174

Dayton Office: Mitch Payne 382-2571

Dayton Seed Plant: Lupe Benavides 382-2262

Seed Plant Hours: Monday- Friday 8am to 5pm and Saturday 8am to 4 pm. You will also be able to make an appointment to load seed between 7:00 am and 8:00 am. You will need to call the day before and it will be on a first request basis.