



August 16, 2019

SALINE COUNTY SCRAP TIRE CLEAN-UP

The Waste Reduction and Recycling Incentive Grants Fund through the Nebraska Department of Environmental Quality (NDEQ) provides grants to assist in financing scrap tire programs and projects. In Saline County, Bruce Filipi, our Highway Superintendent, heads this process up. Mark your calendars now. The Saline County Scrap Tire Clean-up is Friday, September 6 from 8:00 a.m. to 6:00 p.m., Saturday, September 7 from 8:00 a.m. to 6:00 p.m. and Sunday, September 8 from 10:00 a.m. to 5:0 p.m.

Bring your old tires to Saline Center located on Highway 15 and County Road M. Remember no rims just tires only of all sizes. The grant is for Saline County residents and landowners. Tire retailers are not eligible for the collection. If you farm in Saline County and have a question if you are eligible or if you have other questions, please call Bruce Filip at 402-821-2737.

Because of these collections and recycling tires multiple products can be made. 1) Loose crumb rubber for manufacturing or playgrounds; 2) Loose crumb rubber used as a soil amendment to prevent grass wear; 3) Mulch products made from crumb rubber; 4) Playground or walkway mats made from crumb rubber; 5) Poured-in-place playground surfaces; 6) Athletic track surfaces made from crumb rubber; and 7) Artificial football or soccer fields made from crumb rubber.

Please take advantage of these amnesty days because tires cannot go to landfills and often times they sit around farmsteads and serve as breeding grounds for mosquitoes in wet years.

WHEAT YIELD RESULTS AVAILABLE

Mark Noble hosted the UNL wheat variety trial this year north of Fairbury. The Southeast results are available for Jefferson, Clay, Saunders and Lancaster Counties at:

<https://cropwatch.unl.edu/winter-wheat-variety-test-results>

Winning the trial in Jefferson County, in small replicated plots, was Westbred WB4669 with a yield of 114.6 bushels per acre. There was not statistical difference between this variety with Dyna-Gro Long Branch, Husker Genetics Ruth and KSU Zenda. A recap on this year's wheat harvest is being posted in UNL's CropWatch.

I used the border of this trial to conduct research on protein content in wheat replicated 7 times in small plots. The variety was AM Eastwood. Summer intern Maggie Vyhnalek and I applied 20 lbs of additional nitrogen, sidedress at heading as urea right before a rain. The hypothesis was can we increase protein content in wheat enough that it would pay?

The answer in this trial is no. The extra 20 pounds of nitrogen as urea at heading stage had a protein content of 12.3% and no additional nitrogen averaged 12.0% with 7 randomized replications. I haven't run statistical differences on this yet but it doesn't matter because the action of sidedressing N later in the season at this site did not pay.



Researcher Brian Arnall in Oklahoma says the probability of increased protein from N application is greatly improved if there is even the slightest sign of nitrogen deficiency in the lower canopy. There wasn't in this trial. You can increase protein with late N applications in a non N deficient winter wheat crop but that is never a guarantee. Research has not been able to break the code when it does or does not work.

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