

Auglaize County ANR

News from OSU Extension

September 30, 2022



Photo by Jamie Hampton

Fall Colors are Coming!

Jamie Hampton

September brings amazing color changes to our trees and landscapes. I enjoy taking a trip to Vermont and New Hampshire this time of year to see the beautiful peak colors. The areas I visit will be peaking this week and next. Our area will begin to see peak color in the next week, and it should continue for most of October. You can view the Smokey Mountains Foliage Map [HERE](#)

Science of Color Change

Weather plays a very large role in how the colors will change, warmer weather will cause the color change to delay, dry conditions can cause color change early, dry conditions can also cause the color to be less vibrant. The best conditions are

sunny mild days with cooler nights to get optimal color in our fall foliage. Some wonder what makes the color change on deciduous trees in the fall? Lower temperatures slow the production of chlorophyll, this gives the leaves their green color, with less chlorophyll pigments from Beta-Carotenoids can bring out the oranges. Flavonoids allow for the yellows to come through after all the Chlorophyll has broken down. Some trees produce Anthocyanin, Production of this chemical increases in the fall, this brings reds and purples. All this change allows for the trees to prepare for winter, they conserve energy and will go dormant until spring.

Where to enjoy the color

Now is a great time to get out and take a walk in Nature and enjoy some of the Natural resources that Auglaize County has to offer. Hiking and Biking are great ways to enjoy the leaves. The [Heritage Trails Park District](#) has several trails that are great for seeing color. There is a [Walk with Nature Fall Festival](#) October 16th that will be very close to peak color for this area. I enjoy several of the paths along the Miami Erie Canal Corridor. They are great for walking and biking!

Fall Herbicides and Cressleaf Groundsel

Author Mark Loux, Edited by Jamie Hampton

We have heard a lot about dandelion, wild carrot, poison hemlock, Birdrape mustard, Cressleaf groundsel, and annual bluegrass over the past several years. Fall is the best time of the year to control these and a lot of other weeds that cause problems into the following summer, either because they are well established biennials/perennials, or they just don't respond well to herbicides in spring. It's also worth pointing out that we seem to have shifted to wet springs that mess with all kinds of operations, including herbicide burndown. The inability to apply burndown in a relatively timely manner results in large weedy burndown situations, requiring more complex and expensive herbicide treatments, which can still struggle to be effective enough. Fall herbicide application results in an essentially weed free field until sometime in April when giant ragweed and a few spring-emerging winter annuals start to creep in. And a much easier burndown situation even with weather delays. We have published a number of articles on this subject, which are still valid and linked below. A couple changes/additions:



- Where Cressleaf groundsel is a problem in alfalfa hay, we are suggesting use of Pursuit + 2,4-DB (Butryac) in the fall, and not Pursuit or 2,4-DB alone. Let us know if you have had luck in the fall with single-component treatment. Spring application of either of these herbicides alone or in a mix is likely to highly variable. Birdrape mustard is controlled well in the fall with 2,4-DB alone, but also probably not in the spring. Control of both of these weeds is much easier in grass hay, due to the abundance of growth regulator options.
- Quelex is labeled for application in

fall prior to corn and soybeans and should be an effective option in this situation, especially where supplies of 2,4-D or other herbicides are limited.

- [Scout Now For Cressleaf Groundsel And Other Winter Weeds In Hayfields And Pastures](#)
- [Scout now for cressleaf groundsel in hayfields, or pay the price in May](#)
- [Life in a time of glyphosate scarcity – part 2 – Fall Burndown](#)
- [Fall-Applied Herbicides: Odds and Ends](#)
- [Five Things to Know about Fall Herbicide Treatments](#)



Falling leaves not beneficial for livestock

As fall sets in and the leaves start to fall you should take inventory of the trees in your pastures. Falling leaves can cause toxicity issues in horses and cattle. Livestock can be susceptible to the compounds in some leaves causing toxicity issues and can cause the death of your animal. Ornamental leaves and yard waste are harmful as well. If you rake your yard waste, don't throw it over the fence! Almost all ornamentals have detrimental effects on horses. Some of these ornamentals like yew shrubbery or petunias only require one or two bites to kill a full-grown horse or cow. Yard waste should be burnt, composted or disposed of at a Municipal waste site, not in pastures.

Fall Trail Safety

Jamie Hampton

With the cooler weather some of us will be getting out and trail riding. I trail ride on a horse, but some of these safety tips can apply to ATV/UTV trail riders as well. Wear a helmet, this applies all year, but it is important to remind folks, it is always smart to wear a helmet. Wear bright colored clothing, I recommend hunter orange! It is bow hunting season and as a few of my friends have already got their big buck for the year, there are several still out there.



Be sure to make yourself seen and heard! Avoid clothing that makes you look like a Deer! My colt is a sorrel with a flaxen mane and tail, so when I take him out, he looks like a giant deer, keep these things in mind when riding and take precautions to protect yourself and your animal. Carry a phone, on your person, not on your horse or ATV.



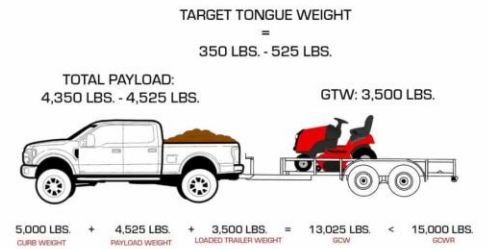
By this I mean have a pocket that you can secure your phone in, I have been dumped in the middle of the woods, my horse has an internal GPS, I do not. I may have to call for help for myself or

someone else if there is an accident. Appropriate footwear is important when out on the trails. Riding horses it is generally encourages to have a boot with a small heel to prevent your foot from slipping through the stirrup. Having a shoe that can double as a hiking boot is something to consider.



There may be a need to walk out of the woods, either because your horse may have thrown a shoe or your ATV/UTV has broken down. Open toed shoes are never a good idea on trails. A first aid kit however, is always a good idea. When packing a first aid kit try to use things that could have more than one use. Vet wrap is great for horses and humans, a multi tool can be used for picking hooves, pulling splinters, tightening nuts and bolts, and many more things. You can buy premade first aid kits for any situation. The final thing I will mention is to be aware of your surroundings. Trails and pathways can change overnight with weather events. Horses can be flighty when something in their environment changes, therefore it is important to take your time and let the animal relax. ATV/UTV trails do wear down and develop drop off areas, it is just as important to slow down in these areas as well. Prevention is the best medicine and ensures the best experience! Ride safely.

Tow Knowledge Tongue Weight and Load Safety



Trailer tongue weight can be the difference between a safe enjoyable towing experience and a dangerous one. Tongue weight is the amount of your trailer's weight that transfers to your tow vehicle through the trailer's tongue or gooseneck. Tongue weight can be measured on any certified scale. First, drive your tow vehicle onto the scale and measure its weight. Its weight needs to be less than the GVWR. Next, pull your trailer onto the scale and uncouple it from your tow vehicle. Leave it on the scale and get a ticket that lists the total trailer weight. After that, reconnect and drive your tow vehicle's wheels off the scale so only your trailer's axles are on the scale and get a ticket with the trailer's axle weight measurement. Subtract the axle weight from the total trailer weight to determine your trailer's hitch weight. Most manufacturers suggest 10-15 percent tongue weight. Too much can lead to impaired driver control and too little can lead to trailer sway. There are several videos that demonstrate this effect online. I like [this](#) video from YouTube



CFAES



DATE:

Saturday, October 8th

TIME:

10:00am – 12:00pm
Lunch Provided

LOCATION:

8699 East Shelby Road
New Knoxville, Ohio 45871

COST:

Sponsored by



THE OHIO STATE
UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Pasture Walk & Horse Health Talk

Join Ohio State University's Forages for Horses team and industry professionals for a pasture walk and horse health talk in Auglaize county. Topics will include:

- Toxic Plants and Trees
- Rotational Grazing
- Managing Mud
- Parasite Management
- Calculating Your Horse's Hay Needs

Pre-registration by Oct. 5th is required.

To register online scan the QR code
Or Visit:

https://osu.az1.qualtrics.com/jfe/form/SV_0cGdPcNHdl73AxM

You can also register by calling the office
at 419-910-6062



October Events



Auglaize County Events:

October 8th - Pasture Walk and Horse Health Talk. 8699 East Shelby Road, New Knoxville. Please RSVP by Wednesday October 5th.

Nearby Happenings:



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