

June 14, 2016
 FOR IMMEDIATE RELEASE
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Hops Yard Open House

The brewery industry continues to grow in Ohio. There are a number of small breweries in Southern Ohio and one of the products brewers need is hops. In recent years hops production has started to increase throughout Ohio.

On July 23 there will be a seventeen Hops Yards included in an Open House throughout Ohio, including two yards in Brown County and another in Clermont. From brewers to hop growers, or those who are just hop-curious, we welcome you to visit Ohio's hop farms. Talk to our growers and learn about local hops!

The locations are listed on the registration and I do have a flyer that shows more information about the July 23 event. You can stop by the OSU Extension Office or send me an email at dugan.46@osu.edu.

Please pre-register at <https://goo.gl/Vuvi5p>

Sick Calves

This year I have not heard much about people dealing with a bunch of sick calves. Hopefully that is because no one has had to deal with this issue, but I know there have been cases in recent years.

Newborn calves are most likely to get sick in the first couple of weeks, but that is not the end of the risk. We all know that it is very important for the newborn to get colostrum within the first few hours after it is born. Best case scenario is the calf is standing and nursing within 30 minutes. I have read where it is pretty important within the first 6 hours, while others have indicated it is definitely needed in the first 12 hours, but critical that the calf nurses in the first 24 hours.

The colostrum is loaded with antibodies to help the calf's immunity system. So ideally the newborn would nurse multiple times on the day it is born. That is only part of the puzzle for a healthy calf. Remember the colostrum is only as good as the nutrition program that the cow was provided in the last 2 to 3 months of pregnancy. A healthy mother with a good nutrition program will most likely be able to provide the newborn calf with good quality colostrum.

When discussing the nutrition program for the cows, you can't rely on just hay. Especially hay that is harvested late as it will most likely be this summer. There is still a majority have first cutting hay still not harvested as I write this on June 14. Research in recent years has shown hay harvested after June 1 does not meet the nutritional needs for cows in late gestation, so a supplement would most likely be required to make up where the hay fails.

This all sounds like an easy enough remedy for healthy calves from well fed mothers. Don't forget



the mineral. The minerals that make up a complete mineral can't be left out of the equation, even when some are only in trace amounts. Remember minerals are formulated based on an animal consuming 3 or 4 ounces per head per day. That means it needs to be available prior to the cow giving birth, as well as when the newborn is nursing for the next few months. Oh well, I will just say it. It needs to be available every day. One healthy calf even in today's market will pay for several bags of mineral. Talk to your veterinarian about meeting the needs of your herd.

Dates to Remember

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| June 30 – July 2 | Festival of the Bells in Hillsboro |
| July 10-16 | Adams County Fair |
| July 23 | Hops Yard Open House 10:00 a.m. several locations including 2 in Brown County and one in Clermont. |