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 FOR IMMEDIATE RELEASE
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Clermont Perennial School

This year will mark 24 years of the Clermont County Perennial School held at the OSU Extension Office located on the Clermont County Fairgrounds in Owensville. The school is full of information and usually very well attended. Do not miss this opportunity to learn and find the stuff gardeners dream of all in one place.

The Perennial School will be on Thursday, April 12, 2018. You need to register in advance to get the discounted rate. The day includes a continental breakfast, a buffet lunch, resource materials, and a trade show with garden equipment, plants, ornamentals, resource materials and more.

There are a number of presentations that include information on growing mushrooms, a farmer florist, landscape design ideas, and more throughout the day. Register before April 1 for \$40. After April 1 the cost is \$45.

For more information contact Gigi Neal at 513-732-7070 ext. 102 or by email at neal.331@osu.edu. The Clermont County OSU web address is <http://clermont.osu.edu>

Vaccination for Blackleg

With spring comes a new calf crop. For some producers the spring calving season is winding down, but for some it is just about to get started. Either way, it is a good time to discuss a vaccination program, however it may be a little late according to one expert.

The following information was written by Kindra Gordon with the Angus Beef Bulletin, and was in this week's Beef Blog. It addresses some of the issues that may improve your vaccination program.

Clostridial vaccines, also commonly referred to as "seven-way" or "eight-way" vaccines, are primarily administered to calves to prevent blackleg, malignant edema and redwater. All of these diseases can cause rapid death of affected cattle.

During a Cattlemen's College® session at the 2018 Cattle Industry Convention in Phoenix, Ariz., Victor Cortese offered tips to ensure efficacy of clostridial vaccinations in cattle. Cortese is a veterinarian and director of cattle and equine immunology for Zoetis.

He suggested vaccinating the pregnant cow is ideal, so the newborn calf can gain early protection via colostrum. Ideally, Cortese advised, administer a clostridial vaccine 4-11 weeks prior to calving to allow the cow to respond to the vaccine and the protection to be passed through her colostrum.

____ "Six to nine weeks prior to calving is the optimum time, and that coincides with administration of other _____ scours vaccines," he pointed out.



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Because clostridial spores are always present in the soil, Cortese suggested minimizing overgrazing can help prevent cattle from picking up the spores into their system. Additionally, because the clostridial organisms are commonly picked up in grazing, the ideal time to vaccinate or booster calves and cows is typically in late spring or early summer.

Cortese noted that clostridial vaccinations almost always cause a small knot or lesion on the animal's neck. To help minimize this, vaccinations should be given subcutaneously. Newer, less-reactive vaccines are available, and might be preferred for show cattle, he shared.

Additionally, Cortese said proper handling of the vaccine can help decrease injection-site lesions and maximize protection. This includes:

- Storing the vaccine correctly at 35°-45° F. "Don't store the vaccine in the door of the refrigerator, because the temperature fluctuates every time you open that door," he says.
- Get dosage sizes you can use quickly. "Once you break the seal on a clostridial vaccine, they degrade 14 to 21 days later. So use it up as quickly as possible. Don't store a partial bottle beyond 30 days," says Cortese.
- Don't use a clostridial vaccine if it has been frozen. "Freezing can increase the toxins in those vaccines," he concludes.

Dates to Remember

Mar. 15	Brown Co. Master Gardener Monthly Program at SSCC in Mt. Orab.
Mar. 16-18	Ohio Beef Expo in Columbus at the State Fairgrounds.
Mar. 16	Agriculture is Everyone's Business at Southern State Community College Patriot Center in Hillsboro. Tickets are required.
Mar. 19	Long Range at Ponderosa in Hillsboro, 6:30 p.m.
Mar. 20	Banamine Meeting at Union Stockyards. Dinner 5:45 and meeting at 7:00 p.m.
Mar. 24	Adams Co. Cattlemen Banquet at Adams Co. Fairgrounds.
Mar. 28	GAP for Tobacco at Southern Hills CTC in Georgetown at 7:00 p.m. Call Cindy at 378-6716 to register by noon on March 27.
Apr. 4	Highland Co. Cattlemen Banquet at Ponderosa in Hillsboro.