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Want to Grow Hemp in 2020? Here Are Some Things You Need to Know

Source: Doris Hamilton, Hemp Program Manager, Kentucky Department of Agriculture

There is an astronomical amount of interest for growing hemp in Kentucky, yet many new growers may not realize that applying to participate in Kentucky's program is an involved process that requires fairly significant leg work on their part.

To grow hemp in Kentucky, you must submit an application and receive a license from the Kentucky Department of Agriculture. The application deadline to grow hemp this year is March 15. Here are some tips to help you with that process.

- Before you do anything, KDA asks growers to assess their financial risk before entering the industry. The hemp marketplace is still in its infancy. The supply chain is still developing; hemp varieties are unpredictable and many regulatory issues remain unresolved at the federal level.

- To be considered for the program, you must get the background check application from KDA's website and submit it to the Kentucky State Police. Once you receive the results, you can upload them to your KDA grower application. Background checks are required for individual applicants and key participants within a business. These must be completed 60 days or less from the time the application is submitted to KDA. The program only approves applicants who have not been convicted of a felony or a drug-related misdemeanor in the past 10 years.

- Each field must be at least a quarter of an acre, and producers must be able to plant 1,000 plants. You cannot grow hemp in your yard or within 1,000 feet of a school or public park.

- Know where you want to grow. You must provide KDA with a growing location for your hemp. If you change your growing location after submitting an application, you will be charged a \$750 site modification fee. All growing locations must have a Kentucky address. If the property doesn't have an address, you must estimate one. The online application software includes a mapping feature that enables the applicant to identify hemp fields, greenhouses and storage areas.

- The KDA has a Summary of Varieties List that includes more than 200 tested varieties to help educate farmers about their THC testing history. This tool helps producers select varieties that are likely to test below the legal limit of 0.3%. If you want to grow a variety that is not on that list, after obtaining your license, you must submit a "New Hemp Variety or Strain Request Form" along with a certificate of analysis that shows the variety has a total THC not more than 0.3%. The KDA does prohibit some varieties due to their THC testing history in Kentucky, where they consistently test above the legal limit.

- You must secure your own seeds and a buyer for your product. You should read these business contracts carefully and be comfortable with their requirements.

- Hemp is eligible for crop insurance in 2020. Contact your local crop insurance agent for more information before the crop insurance sales closing date of March 15.

Once approved for the program, keep copies of your grower license within easy access and near hemp materials. You may be required to display it for KDA officials or law enforcement.

More information and the hemp grower application is available on the Kentucky Department of Agriculture's website, <https://www.kyagr.com/marketing/hemp-pilot.html>. More information on UK's hemp-related agronomic and economic research is available at <https://hemp.ca.uky.edu/> or by contacting the Russell County office of the University of Kentucky Cooperative Extension Service.

Meetings and Announcements

Free Soil Testing for Russell County residents/producers at the Russell County Extension Office beginning February 3rd and running through March 13th, or until funds are depleted. Limit 5 samples per household/operation. For more information call 270-866-4477.

Farm Tax Guides - available at the Russell County Extension Office at no charge.

Private Applicator Pesticide Certification Training - March 2, 5:30 PM, Russell County Extension Office. For more information or to register call 270-866-4477.

Sheep & Goat Producers Meeting - March 3, 6:00 PM at the Russell County Extension Office.

Pruning & Grafting Workshop - March 5, 1:00 PM, Russell County Extension Office. Please call 270-866-4477 to register.

Russell County Bee Keepers Meeting - March 5, 6:00 PM. Please enter through the front doors.

Private Applicator Pesticide Certification Training - March 9, 5:30 PM, Russell County Extension Office. For more information or to register call 270-866-4477.

BQCA Certification Training - March 12, 5:30 PM at the Russell County Extension Office. To register call 270-866-4477.

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Fun Indoor Activities with Your Children During the Winter Months

During the cold winter months, it can be harder to find activities to do with your children. This can be especially true with younger children. It is easy to allow your children to spend more time on the computer or in front of the television when it is cold. However, these activities can reduce the amount of quality time you spend together as a family. Too much screen time can also be connected to childhood obesity. When you spend time together in fun activities, you create memories that last a lifetime. Here are a few tips for winter activities that families can do that are free or very low cost.

1. Build a tent together in your home. There is nothing that you need to purchase. Your family can simply use items that are already there. Any room of your home can be used. Tents can transform even the smallest spaces in your home into a whole new world. They can open a door to many hours of creative play together. Have your child pick out materials to really spark their creativity. You can also find

- great ideas online.
2. Bake or cook with your children. Cooking tasks such as stirring batter and cracking eggs are great ways for kids to have fun while learning new skills. Tasks such as measuring liquids and figuring proportions when changing recipes can help teach critical math skills. Make a homemade pizza, bake some cookies, or make a homemade salsa together and use it with a family taco bar. Cooking with your children can be so much fun. It can also be free or very low cost. You can find recipes online together for free. You can even find recipes that call for ingredients that you already have in your home. It also teaches your children important life skills they will need in their future. Getting messy is good for your child's mental health as well. If you are not a cook, try making s'mores together.
 3. Try some indoor water play. It may sound odd to think about water play during the cold months of the year. However, bath time does not have to be just for cleaning our bodies. Many children love to be in the water, but they live in places where outdoor water play is not possible in the winter. When swimming pools are closed, splashing in a warm tub can provide just as much fun. Fill a tub with warm water and throw in bubble bath and toys, and let the fun begin! Even a large water basin or sink can work. Play with the bubbles and toys. Use fun things like color tablets for the bath or tub crayons or paints. You and your child can use all kinds of home items to create your own world in the water. You can then make up

See **ACTIVITIES, Page 9**





KENTUCKY LIVESTOCK AND GRAIN MARKET REPORT



KENTUCKY DAILY GRAIN PRICES - bids for next day	WEEKLY FEED INGREDIENT PRICE - bids for next day
Corn #2 Yellow - Louisville (\$3.92); Pennyriple (\$3.92-4.07) Soybeans #1 Y - Louisville (NA); Pennyriple (\$8.44-8.69) Wheat #2 SRW - Louisville (NA) Pennyriple (\$5.57-5.72)	Wholesale prices, \$ per ton - Owensboro Grain KY Soybean Meal 48% sol297.90 Soybean Hulls140


Russell County Stockyards - February 6, 2020 *Cattle weighed at time of sale.*

Cattle Receipts:957• Last Week:444• Last Year:0

FEEDER CATTLE	
STEERS - Medium and Large 1-2 (Per Cwt / Actual Wt)	1 795 795 97.00 97.00
Head Wt Range Avg Wt Price Range Avg Price	SLAUGHTER CATTLE
2 300-335 318 171.00-177.50 174.43 Fancy	COWS - Breaker 75-80% (Per Cwt / Actual Wt)
19 456-490 480 152.00-161.00 159.54	Head Wt Range Avg Wt Price Range Avg Price Dressing
4 457 457 167.50 167.50 Fancy	8 910-1295 1063 48.50-56.00 53.13 Average
7 501-510 503 147.00-163.00 154.58	10 1010-1510 1261 54.50-64.50 59.92 High
25 529 529 155.25 155.25 Value Added	2 1230-1470 1350 58.00-58.50 58.23 Low
34 550-595 566 138.00-151.50 146.06	COWS - Boner 80-85% (Per Cwt / Actual Wt)
39 600-645 624 125.00-143.00 138.49	Head Wt Range Avg Wt Price Range Avg Price Dressing
27 639 639 138.25 138.25 Value Added	9 875-1115 1013 45.50-50.00 47.75 Average
16 652 652 136.50 136.50	COWS - Lean 85-90% (Per Cwt / Actual Wt)
41 669-676 673 134.50 134.50 Value Added	Head Wt Range Avg Wt Price Range Avg Price Dressing
5 705-710 709 130.00-132.00 131.60	1 955 955 52.50 52.50 High
26 703 703 134.00 134.00 Value Added	1 705 705 28.00 28.00 Low
25 750-795 790 122.50-132.50 131.58	2 625-880 753 25.00-30.00 27.08 Very Low
STEERS - Medium and Large 2-3 (Per Cwt / Actual Wt)	BULLS - 1-2 (Per Cwt / Actual Wt)
Head Wt Range Avg Wt Price Range Avg Price	Head Wt Range Avg Wt Price Range Avg Price Dressing
9 450-466 460 134.00-137.50 136.46	1 1755 1755 83.00 83.00 Average
2 650 650 115.00 115.00	5 1710-2075 1882 88.00-95.00 91.04 High
1 820 820 117.50 117.50	1 1185 1185 70.00 70.00 Low
HEIFERS - Medium and Large 1-2 (Per Cwt / Actual Wt)	REPLACEMENT CATTLE
Head Wt Range Avg Wt Price Range Avg Price	BRED COWS - Medium and Large 2 (Per Head / Actual Wt)
2 210-240 225 130.00 130.00	Age Stage Head Wt Range Avg Wt Price Range Avg Price
2 250 250 140.00 140.00	5-8 T1 1 1060 1060 600.00 600.00
3 336-340 337 132.00-141.00 137.98	BRED COWS - Large 1-2 (Per Head / Actual Wt)
8 370-395 378 124.00-138.00 134.45	Age Stage Head Wt Range Avg Wt Price Range Avg Price
8 438 438 139.00 139.00	>8 T2 1 1255 1255 510.00 510.00
7 491-492 491 125.00-134.50 131.78	BRED COWS - Small and Medium 1-2 (Per Head / Actual Wt)
71 483 483 129.75 129.75 Value Added	Age Stage Head Wt Range Avg Wt Price Range Avg Price
14 500-535 521 123.00-130.00 127.80	>8 T3 1 920 920 700.00 700.00
45 548 548 137.50 137.50 Value Added	COW-CALF PAIRS - Medium and Large 1-2 w/ 150-300 lbs calf (Per Head / Actual Wt)
35 553-592 579 121.50-129.00 126.62	Age Stage Head Wt Range Avg Wt Price Range Avg Price
45 596-597 597 129.00-134.00 130.11 Value Added	5-8 O 2 1200-1220 1210 675.00-800.00 738.02 >8 O 1
40 600-641 633 110.00-124.75 121.64	1305 1305 825.00 825.00
79 645 645 126.50 126.50 Value Added	Please Note:
27 690 690 123.75 123.75 Value Added	The above USDA LPGMN price report is reflective of the majority of classes and grades of livestock offered for sale.
8 708-727 717 101.00-116.00 110.47	There may be instances where some sales do not fit within reporting guidelines and therefore will not be included in the report. Prices are reported on an FOB basis, unless otherwise noted.
2 750-765 758 103.00-106.50 104.77	Explanatory Notes:
68 764 764 120.80 120.80 Value Added	Stage (Cattle) - Represents pregnancy stage (O = open; T1 = 1st Trimester, 1 to 3 months; T1-2 = 1st/2nd trimester, 1 to 6 months; T2 = 2nd Trimester, 4 to 6 months; T2-3 = 2nd/3rd Trimester, 4 to 9 months; T3 = 3rd Trimester, 7 to 9 months; T1-3 = all trimesters, 1 to 9 months; E = Exposed; B = Bred)
4 813-825 816 102.00-102.50 102.37	Age - Numerical representation of age in years.
1 850 850 97.00 97.00	
HEIFERS - Medium and Large 2-3 (Per Cwt / Actual Wt)	
Head Wt Range Avg Wt Price Range Avg Price	
1 575 575 113.00 113.00	
1 705 705 85.00 85.00	
BULLS - Medium and Large 1-2 (Per Cwt / Actual Wt)	
Head Wt Range Avg Wt Price Range Avg Price	
3 287 287 175.00 175.00	
2 267 267 173.00 173.00 Fancy	
2 347 347 155.00 155.00	
2 327 327 170.00 170.00 Fancy	
1 495 495 147.00 147.00	
2 505 505 140.00-148.00 144.00	
1 550 550 130.00 130.00	
1 665 665 126.00 126.00	
1 800 800 96.00 96.00	
BULLS - Medium and Large 2-3 (Per Cwt / Actual Wt)	
Head Wt Range Avg Wt Price Range Avg Price 2 527	

Source: USDA-Kentucky Dept of Ag Market News, Louisville, KY • Mike Bell, Market Reporter, 502-782-4139
24 Hour Toll Free Market News Report 1-800-327-6568 • www.ams.usda.gov/mnreports/SV_LS168.txt
This report reflects prices of the majority of cattle with a USDA grade, weight and sex on this sale date. This report does not represent all animals at the sale on that date.

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