


# AGRICULTURE



**University of Kentucky**  
College of Agriculture,  
Food and Environment  
Cooperative Extension Service

## Extension Notes

extension.ca.uky.edu  
Agriculture & Natural Resources

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## Stay Safe during Harvest

**Source: Mark Purschwitz, UK Extension Professor, and Agricultural Safety and Health Specialist**

Harvest is a busy time for Kentucky farmers and their families. It also is a peak season for agricultural injuries and an especially important time for farm families to pay attention to safety.

If you have employees, take time to talk to them about safety. Make sure all workers are trained and physically capable of operating equipment and that they understand the safety procedures.

Long working hours can lead to fatigue and stress and that can make you less alert to potential safety hazards. Take breaks when operating equipment for an extended time. If possible, trade off with other workers for a change of pace.

Dress appropriately for the job. Avoid loose clothing, jackets with dangling strings and sweatshirts that could get entangled in moving equipment.

Entanglement in moving parts, especially power take-offs or other chain and belt drivers, is a major harvest hazard. Inspect machinery and equipment to be sure shields and guards on moving parts are in place and in good repair. Replace ineffective or missing safety equipment.

Before getting off equipment, disengage the power and wait for moving parts to completely stop. When possible, shut off the engine.

It is always a good idea to take the ignition key with you, so another person does not unexpectedly start equipment while you are performing maintenance or making a repair. If you are working under any piece of equipment, such as a header unit, always use the jack stand or hydraulic cylinder locks to prevent it from suddenly falling and pinning you. Be sure all safety locks are operational.

Always use paper or cardboard to check for hydraulic leaks. A pinhole-size hydraulic leak can cause severe tissue damage. If you are injected with oil from a hydraulic leak, immediately seek medical assistance. The oil must be surgically removed, and delays can result in serious infections and possible amputations.

Tractor overturns are the leading cause of farm deaths. To prevent these tragedies, equip older model tractors with a rollover protective structure. Most tractors manufactured after the late 1960s or early 1970s can be equipped with a ROPS for a reasonable price.

Make it a habit to use the seat belt to ensure you remain inside the zone of protection provided by the ROPS or safety cab. The seat belt also will keep you from being thrown off the tractor if you hit an obstacle. Being thrown off the tractor and run over is the second leading cause of tractor deaths in Kentucky.

Never allow any extra riders on tractors or equipment. Keep bystanders away from operating equipment. Also, be aware of people who may have come into the area. Always check around equipment before starting or moving it.

Carry a fire extinguisher on all tractors and self-propelled equipment, especially combines. Periodically check extinguishers to be sure they are pressurized and in good condition.

To prevent fires on combines, be sure equipment is clean and hoses and fuel systems are in good shape and not leaking. Remove trash and debris around engine components.

Check for clearances with overhead power lines when operating or moving tall machines, because contact with them may cause electrocution. Moving portable augers around overhead power lines is especially hazardous so always lower them first.

When filling silos, watch for the bleach-like odor that indicates silo gas. This yellowish-brown gas is heavier than air and will settle on the silage surface and may flow down the chute into adjacent livestock areas. Close any doors leading to livestock areas, keep the base of the silo chute well ventilated and do not enter a silo during the first two weeks.

Farm vehicles on public roads are annually involved in thousands of injury accidents in the United States, and more than 200 collisions involving farm machinery on public roads occur in Kentucky every year. Thus, people driving farm machinery and those driving vehicles should be especially careful and watchful.

Keep slow moving vehicle emblems and extremity markings clean and bright to help motorists notice equipment. Replace faded SMV emblems, and check headlights, taillights and flashing lights for satisfactory operation.

To alert oncoming drivers, use reflectors or reflective tape when the edges of towed equipment extend beyond the left side of a tractor. If a tractor has mirrors, keep them clean and adjusted for the driver to watch for approaching motorists. When possible, pull completely off the road to let a line of traffic pass.

Since it may be difficult to anticipate the operational intentions of farm machinery on the road, other

drivers need to watch for unmarked field entrances or other places the driver might be planning to enter. A tractor may need to move to the right to complete a left turn so do not assume the driver wants you to pass when moving to the right side. Pass only in a designated passing zone or when the other driver signals and completely pulls off the road.

For more information on farm safety, contact the Russell County Cooperative Extension Service office.

**Meetings and Announcements**  
CAIP Receipts will be accepted by Wanda Miick at the Russell County Extension Office September 20, from 1:30 - 3:30 PM.

CAIP Educational Meeting for Farm Infrastructure Investment Areas - September 13, 6:00 PM at the Russell County Extension Office - Attendance at an educational meeting is required in order to receive reimbursement for CAIP investment areas. For more information call the Russell County Extension Office at 270-866-4477.

CAIP Educational Meeting for Fencing & On-Farm Water Investment Areas - September 20, 6:00 PM at the Russell County Extension Office. Attendance at an educational meeting is required in order to receive reimbursement for CAIP investment areas. For more information call the Russell County Extension Office at 270-866-4477.

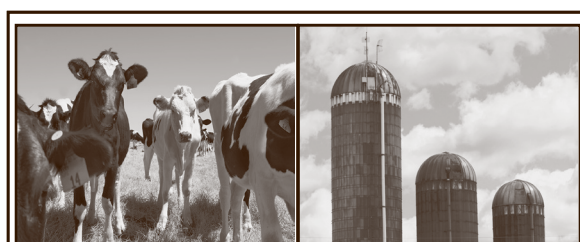
Educational programs of the Kentucky Cooperative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.

## Grant is new member of American Angus

Tyler Grant, Russell Springs, Kentucky, is a new junior member of the American Angus Association®, reports Allen Moczygemba, CEO of the national organization with headquarters in Saint Joseph, Mo.

Junior members of the Association are eligible to register cattle in the American Angus Association, participate in programs conducted by the National Junior Angus Association and take part in Association-sponsored shows and other national and regional events.

The American Angus Association is the largest beef breed association in the world, with more than 25,000 active adult and junior members.



## KENTUCKY LIVESTOCK AND GRAIN MARKET REPORT

**WEEKLY FEED INGREDIENT PRICE - bids for next day**  
Wholesale prices, \$ per ton - Owensboro Grain KY

Soybean Meal 48% sol .....	\$327.70
Soybean Hulls .....	\$135.00

**KENTUCKY DAILY GRAIN PRICES - bids for next day**

Corn #2 Yellow - Louisville (\$3.21-\$3.31); Pennyrile (\$3.37-\$3.42)
Soybeans #1 Y - Louisville (\$7.28); Pennyrile (\$7.54-\$7.59)
Wheat #2 SRW - Louisville (\$5.33); Pennyrile (\$5.03-\$5.28)

### Russell County Stockyards - September 5, 2018

**\*Cattle weighed at time of sale.\***

**Cattle Receipts: 444 • Last Week: 883 • Last Year: 318**

Compared to last week: Feeder calves very inconsistent quality. Feeder steers 2.00-3.00 higher and heifers calves steady 1.00 higher. Slaughter cows and Slaughter bulls 1.00 lower.  
07 Replacement cattle, 36 slaughter cattle, 401 feeder cattle.  
Slaughter cows made up 7 percent of the offering, slaughter bulls 2 percent, replacement cows 1 percent, and feeders 90 percent. The feeder supply included 36 percent steers, 39 percent heifers, and 25 percent bulls. Near 34 percent of the run weighed over 600 lbs.

2	390-390	390	179.00	179.00	Thin Fleshed
5	407-440	422	148.00-168.00	158.35	
14	450-497	468	147.00-159.00	152.92	
17	500-545	522	138.00-156.00	147.27	
11	552-590	574	144.00-156.00	147.40	
12	600-646	632	133.00-147.00	142.85	
1	675-675	675	130.00	130.00	
1	735-735	735	140.00	140.00	
3	750-785	773	119.00-130.00	126.44	
1	920-920	920	94.00	94.00	
Small 1 - 2					
1	415-415	415	139.00	139.00	
3	482-485	483	119.00-129.00	125.65	
Medium and Large 2 - 3					
1	425-425	425	142.50	142.50	
1	500-500	500	125.00	125.00	
5	550-575	566	125.00-135.00	128.98	
3	630-642	638	120.00-125.00	123.35	
2	705-720	713	115.00-118.00	116.52	

Feeder Steers					
Medium and Large 1 - 2					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	295-295	295	169.00	169.00	
2	320-340	330	168.00-176.00	172.12	
2	360-375	368	165.00-169.00	167.04	
2	367-367	367	170.00	170.00	Value Added
11	410-445	423	161.00-180.00	165.01	
1	410-410	410	180.00	180.00	Fancy
7	457-495	480	155.00-165.00	162.16	
16	501-538	515	143.50-164.00	158.91	
11	556-599	586	161.00-168.50	166.10	
5	605-645	629	141.00-159.00	149.98	
1	670-670	670	153.00	153.00	
1	715-715	715	120.00	120.00	
2	770-770	770	145.00	145.00	
59	815-815	815	141.50	141.50	Value Added

Bred Cows					
Medium and Large 1 - 2 Young					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	1405-1405	1405	895.00	895.00	Per Head 4-6 Months Bred
Medium and Large 1 - 2 Middle Aged					
1	1525-1525	1525	900.00	900.00	Per Head 1-3 Months Bred
1	1450-1450	1450	795.00	795.00	Per Head 4-6 Months Bred
1	1715-1715	1715	910.00	910.00	Per Head 7-9 Months Bred
Small 1 - 2 Young					
1	990-990	990	675.00	675.00	Per Head 1-3 Months Bred

Groups of 20 head:					
59 head	815 lbs	141.50	53 blk/6 chxb		
Medium and Large 2 - 3					
1	440-440	440	147.00	147.00	
Holstein Large 3					
1	310-310	310	92.50	92.50	
1	440-440	440	89.00	89.00	

Slaughter Cows					
Breaker 70-80% Lean					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
10	1155-1345	1239	50.00-57.00	53.99	
4	1500-1610	1539	52.00-57.00	54.26	
Bonar 80-85% Lean					
4	1050-1175	1121	48.00-53.00	50.28	
1	1620-1620	1620	45.00	45.00	
Lean 85-90% Lean					
1	660-660	660	37.00	37.00	Low Dressing
4	1005-1065	1039	39.00-43.50	41.74	
1	840-840	840	32.00	32.00	Low Dressing

Feeder Heifers					
Medium and Large 1 - 2					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	280-280	280	169.00	169.00	
4	370-398	391	152.00-166.00	162.69	
1	355-355	355	171.00	171.00	Fancy
22	400-440	414	138.00-152.00	145.18	
30	450-493	474	138.00-148.00	143.57	
26	512-543	530	132.50-140.00	135.45	
9	551-585	569	127.50-131.50	129.41	
5	605-625	614	120.00-128.00	126.12	
7	655-697	674	116.00-133.00	126.23	
5	705-722	715	119.00-125.00	121.79	
4	767-775	771	116.00-122.50	119.27	
2	805-805	805	113.50	113.50	
Small 1 - 2					
1	415-415	415	128.00	128.00	
Medium and Large 2 - 3					
2	385-395	390	127.50-133.00	130.21	
4	415-445	433	131.00-137.00	132.99	
4	495-495	495	130.00-133.00	132.25	
3	500-530	513	115.00-132.00	123.83	
1	580-580	580	120.00	120.00	
3	600-645	623	107.00-112.00	109.63	
1	665-665	665	110.00	110.00	

Slaughter Bulls					
Yield Grade 1-2					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	1405-1405	1405	83.00	83.00	
2	1395-1490	1443	82.00-83.00	82.52	High Dressing
4	1690-1985	1856	82.00-85.00	83.88	High Dressing

Feeder Bulls					
Medium and Large 1 - 2					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	375-385	380	170.00-174.00	171.97	

Stock Bulls: no test  
Baby Calves: Beef: no test Dairy: no test  
Cow/Calf Pairs: no test

Source: USDA-Kentucky Dept of Ag Market News, Louisville, KY  
Travis Gabbard  
Jodee Inman, OIC 502-782-4139  
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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