

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

Extension Notes

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Agriculture & Natural Resources

Jonathan Oakes

Russell County Extension Office

Ordering Seeds for Vegetable Gardens

Sources: Kim Leonberger, Extension Associate and Emily Pfeufer, Extension Plant Pathologist

Cool temperatures and gray days may make spring feel far away, but planning for vegetable gardens begins during winter months when seeds are ordered. Looking through a seed catalog, store rack, or online product offering, it's easy to become overwhelmed by options. But, for gardeners who have had issues in the past, choosing different varieties is one way to preventatively manage disease.

Varieties can be referred to as tolerant or resistant, both of which can result in better yields, but are two different plant properties. Tolerance is the ability of the plant to endure disease, while still producing yielding fruit. Resistance is the ability to prevent or slow disease development by way of naturally occurring aspects of the plant. The majority of hybrid vegetable varieties have been "improved" through natural breeding methods for these traits. Selection of resistant cultivars can reduce the impact diseases may have on plant vigor and yield, as well as reduce or eliminate the need for chemical management practices. Disease resistance is especially important for the home garden, which many either cannot or prefer not to spray.

No single cultivar is known to have resistance to all diseases of concern, and resistance is specific to a particular disease. Thus, gardeners should select varieties with resistance to diseases that are most common for their area or those that have been diagnosed as an issue in the past. Common diseases of major vegetable garden plants are listed below.

Information about which disease(s) a variety is resistant to can be found on seed packets or in catalogs. Disease names may be listed as an abbreviation. For example, the letter 'V' may follow the tomato variety name, indicating resistance to Verticillium wilt. Seed catalogs and online retailers sometimes detail disease resistance codes on a separate page. Take care to thoroughly read seed packets if purchasing in-store.

For more information about home vegetable gardening, contact the Russell County Extension Office.

Additional Resources

- Sustainable Disease Management of Solanaceous Crops in the Home Garden (PPFS-VG-21)
- Sustainable Disease Management of Cucurbit Crops in the Home Garden (PPFS-VG-19)
- Sustainable Disease Management of Leafy Green Crops in the Home Garden (PPFS-VG-20)
- Sustainable Disease Management of Legume Vegetable Crops in the Home Garden (PPFS-VG-22)
- Sustainable Disease Management of Cole Crops in the Home Garden (PPFS-VG-23)
- Home Vegetable Gardening in Kentucky (ID-128)
- Vegetable Cultivars for Kentucky Gardens (ID-133)

Meetings and Announcements

The Russell County Extension Office will be closed January 20th in observance of Martin Luther King Jr. Day

Sheep and Goat Webinar, "How a Poor Hay Year Can Affect You" – January 28, 6:00 PM at the Russell County Extension Office. Specialists will discuss the 2019 hay crop and the potential problems of feeding poor quality hay. This webinar could also be beneficial for beef and dairy farmers.

Russell County 4-H Bee Keepers Club – February 6, 4:30 PM. This new 4-H club is for any child or teen of 4-H membership age, interested in learning about bee keeping.

Russell County Bee Keepers Club Meeting – February 6, 6:00 PM at the Russell County Extension Office.

Farm Bill Meeting – February 11, 4:30 PM at the Russell County Extension Office – Dr. Todd Davis, UK Agricultural Economics specialist, will be discussing the Farm Bill, Crop Outlook and Risk Management.

Diabetes Self-Management Classes –

A partnership between Russell county Health Department and Russell County Extension Office; classes will be held each Monday in March, 1:00 – 3:30 PM at the Russell County Extension Office. There will a door prize drawing at each meeting. Class size is limited. To register call 270-866-4477.

These free calendars are available at the Russell County Extension Office:

- Growing Your Own Garden – Garden planning calendars
- 2020 Kentucky Grazing Calendar
- Beef IRM Calendar
- SNAP-Ed Recipe Calendar

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4-H Camp summer jobs create prepared workers

4-H Camp may be one of the first jobs many of our employees ever have. Working at camp is a job that is not only fun, but very rewarding. At the end of the season, our workers leave with a skill set that can help them in the future, no matter what their future career field may be.


As they help campers navigate through many different activities, our employees fine tune their leadership skills. They become encouragers who help dissolve campers' fears of trying new things or being away from home for the first time. In the process, they gain confidence in themselves and their ability to lead others.

Employees learn responsibility during camp, as they are in charge of helping camp-

ers safely participate in each activity and ensuring that everyone has a good week.

Our camp employees have the opportunity to become better listeners as they mentor our campers. They can provide comfort or a lift to someone who is having a bad day. They also learn how to quickly and critically address a variety of issues that can occur during camp.

We are currently taking applications for a number of 4-H Camp staff positions for summer 2020. Links to applications for a variety of positions and more information are available online at www.4hcamp-jobs.com. You can also contact the Russell County Extension office for more information. (Source: Darrell Still-



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4-H YOUTH DEVELOPMENT

Christy A. Martin

Russell County Extension Office



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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 (\$3.86-3.98); Pennyrile (\$3.98-4.08)	Wholesale prices, \$ per ton - Owensboro Grain KY
Soybeans #1 Y - Louisville (8.84); Pennyrile (\$8.83-9.23)	Soybean Meal 48% sol308.40
Wheat #2 SRW - Louisville (5.45) Pennyrile (\$5.27-5.52)	Soybean Hulls 180

Russell County Stockyards - January 8, 2020 *Cattle weighed at time of sale.*

Cattle Receipts:1,963• Last Week:341• Last Year:1,963

FEEDER CATTLE

STEERS - Medium and Large 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
1 270 270 177.50 177.50 Fancy	
5 308-330 313 164.00-170.00 168.14	
2 320-330 325 181.00-184.00 182.52 Fancy	
3 372-375 373 172.50-175.00 173.34	
1 355 355 182.00 182.00 Fancy	
28 415-448 437 145.00-155.00 149.88	
3 405-422 416 179.00-182.00 181.03 Fancy	
16 465-496 483 141.00-145.00 143.18	
48 500-547 530 138.00-158.00 148.48	
13 505 505 155.00-159.00 158.38 Fancy	
54 554-593 575 136.00-148.00 140.87	
4 571 571 155.00 155.00 Fancy	
43 600-645 627 121.00-144.00 136.70	
14 614 614 144.50 144.50 Fancy	
63 655-695 671 127.00-138.50 136.17	
51 671-683 677 138.00-142.00 140.10 Value Added	
6 735 735 131.00-137.50 136.42	
17 765-797 785 129.50-135.00 133.75	
196 760-769 762 137.50-141.35 140.36 Value Added	
12 810-840 813 120.00-126.00 120.52	
24 832 832 135.00 135.00 Value Added 4 973 973 125.50 125.50	
1 1025 1025 110.00 110.00	
STEERS - Medium and Large 2-3 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
2 495 495 130.00 130.00	
2 520 520 119.00 119.00	
STEERS - Small 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
3 601 601 127.00 127.00	
DAIRY STEERS - Medium and Large 3 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
1 630 630 60.00 60.00	
HEIFERS - Medium and Large 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
9 265-295 287 127.50-143.00 133.67	
4 320-347 336 125.00-146.00 130.49	
2 302 302 142.00 142.00 Fancy	
28 350-395 370 125.00-136.50 132.33	
14 420-447 431 121.00-132.50 127.42	
56 450-499 478 125.00-131.50 128.24	
78 501-547 530 119.00-131.00 126.90	
44 550-588 570 120.00-130.00 124.56	
56 601-630 613 116.00-125.50 122.19	
24 617 617 125.00 125.00 Value Added	
7 653-680 666 113.50-120.00 116.81	
79 675 675 131.50 131.50 Value Added	
36 702-748 735 105.00-115.50 114.36	
24 722 722 119.25 119.25 Value Added	
10 762-767 766 110.00 110.00	
4 803-805 804 97.00-103.50 101.87	
14 856-879 866 82.50-110.25 98.18	
1 910 910 75.00 75.00	
3 980 980 93.25 93.25	
1 1010 1010 83.00 83.00	
1 1135 1135 76.00 76.00	
1 1185 1185 67.50 67.50	
HEIFERS - Medium and Large 2-3 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
2 410-430 420 115.00-121.00 117.93	
2 480 480 119.50 119.50	
2 547 547 113.00 113.00	
1 640 640 101.00 101.00	
5 655-691 677 102.00-112.50 106.07	
HEIFERS - Medium and Large 3 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
1 520 520 115.00 115.00	
HEIFERS - Small 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
3 506 506 112.00 112.00	
COWS - Medium and Large 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
1 690 690 120.00 120.00	
BULLS - Medium and Large 1-2 (Per Cwt / Actual Wt)	

Head Wt Range Avg Wt Price Range Avg Price	
3 307-310 308 150.00-155.00 153.32	
2 307 307 180.00 180.00 Fancy	
6 350-391 376 145.00-166.00 158.89	
3 370 370 172.50 172.50 Fancy	
6 405-441 423 140.00-157.50 149.49	
2 427 427 167.00 167.00 Fancy	
15 470-490 480 123.00-143.00 138.23	
18 505-547 524 122.00-135.00 129.46	
15 551-576 565 125.00-135.00 129.15	
13 610-646 638 116.00-129.00 122.48	
5 660-662 662 124.00-124.50 124.40	
2 700-710 705 110.00-120.00 114.96	
3 760-795 783 113.00-116.00 115.03	
2 825-830 828 98.00-114.00 106.02	
3 860-892 881 97.00-113.00 107.80	
BULLS - Medium and Large 2-3 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price
3 490-495 493 106.00-136.00 126.07	
1 520 520 116.00 116.00	
SLAUGHTER CATTLE	
HEIFERS - Choice and Prime 1 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
1 1175 1175 79.00 79.00 High	
HEIFERS - Choice and Prime 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
1 1220 1220 76.00 76.00 Average	
COWS - Breaker 75-80% (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
31 1030-1655 1275 44.00-54.00 48.70 Average	
3 1390-1560 1462 52.00-53.00 52.52 High	
COWS - Boner 80-85% (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
13 860-1355 1137 36.50-44.00 40.31 Average	
COWS - Lean 85-90% (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
5 935-1035 970 31.00-34.50 33.16 Average	
4 945-1010 976 42.00-48.00 45.64 High	
4 830-1030 908 25.00-30.00 27.15 Low	
BULLS - 1 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
2 1410-2080 1745 78.00 78.00 Average	
6 1495-1995 1807 80.00-87.00 84.13 High	
BULLS - 1-2 (Per Cwt / Actual Wt)	Head Wt Range Avg Wt Price Range Avg Price Dressing
5 1225-2000 1603 68.00-79.00 75.31 Average	
REPLACEMENT CATTLE	
BRED COWS - Medium and Large 1-2 (Per Head / Actual Wt)	Age Stage Head Wt Range Avg Wt Price Range Avg Price
5-8 T1 1 1220 1220 700.00 700.00	
5-8 T2 4 1025-1195 1096 485.00-700.00 600.50	
5-8 T3 2 1125-1250 1188 600.00-635.00 618.42	
>8 T2 2 1075-1185 1130 500.00-525.00 511.89	
BRED COWS - Large 1-2 (Per Head / Actual Wt)	Age Stage Head Wt Range Avg Wt Price Range Avg Price
5-8 T2 4 1355-1485 1399 650.00-735.00 703.37	
5-8 T3 1 1445 1445 735.00 735.00	
BRED COWS - Small and Medium 1-2 (Per Head / Actual Wt)	Age Stage Head Wt Range Avg Wt Price Range Avg Price
2-4 T1 1 775 775 600.00 600.00	
2-4 T2 1 885 885 560.00 560.00	
Please Note:	
The above USDA LPGMN price report is reflective of the majority of classes and grades of livestock offered for sale. 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.	
Explanatory Notes:	
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)	
Age - Numerical representation of age in years	

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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