

# 2024

# Grayson County Grain Trial Summary

The Grayson County Extension Office cooperated in a county corn plot in Big Clifty for 2024. Below is information about the corn plot, and page 2 includes harvest data.

## Plot Info

|                       |  |
|-----------------------|--|
| Cooperator            | Rodney Sims  |
| Planting Date         | 5/31/2024  |
| Planting Population   | 30100  |
| Herbicides            | Tricor4 - 5 oz/ac<br>Anthem Max - 3 oz/ac<br>Glyphosate - 1 qt/ac<br>LV6- 16 oz/ac |
| Fungicides            | Trivapro 13.7 oz/ac  |
| Fertility             | 210 N (150 top-dressed)<br>80 P, 50 K (Units)                                      |
| Primary Soil Tye      | Sadler A   |
| Row Width             | 30 inch rows   |
| Plot Location         | 9433 Elizabethtown Road<br>Big Clifty, KY  |
| Previous Crop         | beans  |
| Tillage Practie       | no till  |
| Check (every 4th row) | Dynagro D55VC80RIB   |

## Variety Info

|                       |     |
|-----------------------|-----|
| Check                 | 115 |
| Channel 210-46VT2RIB  | 110 |
| Channel 211-11VT2RIB  | 111 |
| Crow 11-15VT2RIB      | 111 |
| Dekalb DKC111-35      | 111 |
| NuTech 72C1PCE        | 112 |
| NuTech 72D4AM         | 112 |
| Dyangro D53TC23RIB    | 113 |
| NuTech 73A6AML        | 113 |
| Dynagro D53VC54RIB    | 113 |
| Channel 214-78DGV2RIB | 114 |
| NuTech 74A9AM         | 114 |
| Crow 14-60 TRERIB     | 114 |
| LG-64C43VT2RIB        | 114 |
| Crow 14-88 VT2RIB     | 114 |
| Dynagro D54VC34RIB    | 114 |
| DeKalb DKC64-22       | 114 |
| Channel 215-42TRERIB  | 115 |
| Crow 1565 VT2RIB      | 115 |
| Dynagro D56TC44RIB    | 116 |
| Dekalb DKC66-06       | 116 |
| LG-67C07VT2PO         | 117 |
| Dekalb DKC117-78      | 117 |
| Channel 218-66VT2RIB  | 118 |
| Crow 18-88TRERIB      | 118 |
| Dynagro D57VC53RIB    | 117 |
| Dekalb DKC68-35       | 118 |

## Contact Info

Whitney Carman  
Grayson County Extension Office  
64 Quarry Road, Leitchfield, KY  
(270) 259-3492  
whitney.carman@uky.edu



# Snapshot of Growing Season

2024 presented several challenges for grain farmers. Low grain prices, heavy rains in the spring, replanting, drought in conditions, and more rain in the fall. We were able to get a dry week between wet periods the end of May, just in time for more rain chances. The plot was able to get off to a good start, followed by some intense heat days through June and very little rain, putting Grayson County into drought conditions. July turned off favorable with lower heat and some rain coming back in during pollination and grain fill. August and September were drier than normal conditions for the area. Due to the location of this plot, the cooperators harvested this plot later than normal. The plot was harvested on December 6th.

| Brand/Hybrid               | Maturity | Row Length | Harvest Weight | Moisture %   | Harvest Weight | Yield         | Adjusted Yield | Rank |
|----------------------------|----------|------------|----------------|--------------|----------------|---------------|----------------|------|
| check (Dynagro D55VC80RIB) | 115      | 496.00     | 1175           | 16.80        | 57.70          | 181.44        |                |      |
| Channel 210-46VT2RIB       | 110      | 496.73     | 825            | 16.60        | 58.10          | 127.51        | 148.97         | 26   |
| Channel 211-11VT2RIB       | 111      | 497.46     | 1290           | 16.60        | 57.80          | 199.09        | 216.99         | 19   |
| Crow 11-15VT2RIB           | 111      | 498.19     | 1430           | 16.00        | 58.20          | 221.95        | 228.21         | 15   |
| check                      | 115      | 498.92     | 1510           | 17.10        | 58.10          | 230.96        |                |      |
| Dekalb DKC111-35           | 111      | 499.65     | 1665           | 16.60        | 60.80          | 255.83        | 249.21         | 4    |
| NuTech 72C1PCE             | 112      | 500.38     | 1630           | 16.80        | 57.80          | 249.49        | 243.30         | 6    |
| NuTech 72D4AM              | 112      | 501.12     | 1610           | 16.90        | 58.20          | 245.77        | 241.46         | 7    |
| Check                      | 115      | 501.85     | 1505           | 16.70        | 57.60          | 229.96        |                |      |
| Dyangro D53TC23RIB         | 113      | 502.58     | 1435           | 16.40        | 57.50          | 219.73        | 212.42         | 20   |
| NuTech 73A6AML             | 113      | 503.31     | 1450           | 17.70        | 56.20          | 218.26        | 208.74         | 23   |
| Dynagro D53VC54RIB         | 113      | 504.04     | 1470           | 16.50        | 58.20          | 224.17        | 212.12         | 21   |
| check                      | 115      | 504.77     | 1580           | 16.70        | 58.60          | 240.02        |                |      |
| Channel 214-78DGV2RIB      | 114      | 505.50     | 1590           | 16.50        | 58.80          | 241.77        | 228.46         | 14   |
| NuTech 74A9AM              | 114      | 506.23     | 1455           | 16.90        | 58.20          | 219.87        | 209.68         | 22   |
| Crow 14-60 TRERIB          | 114      | 506.96     | 1410           | 16.70        | 59.20          | 213.27        | 205.30         | 24   |
| check                      | 115      | 507.69     | 1535           | 16.90        | 57.90          | 231.29        |                |      |
| LG-64C43VT2RIB             | 114      | 508.42     | 1540           | 16.90        | 57.10          | 231.71        | 229.70         | 12   |
| Crow 14-88 VT2RIB          | 114      | 509.15     | 1490           | 17.50        | 57.60          | 222.25        | 224.86         | 17   |
| Dynagro D54VC34RIB         | 114      | 509.89     | 1510           | 16.80        | 59.00          | 226.81        | 234.31         | 9    |
| check                      | 115      | 510.62     | 1425           | 17.10        | 57.00          | 212.97        |                |      |
| DeKalb DKC64-22            | 114      | 511.35     | 1490           | 16.80        | 60.10          | 223.17        | 232.05         | 11   |
| Channel 215-42TRERIB       | 115      | 512.08     | 1645           | 17.30        | 57.40          | 244.56        | 250.60         | 3    |
| Crow 1565 VT2RIB           | 115      | 512.81     | 1480           | 16.90        | 59.60          | 220.78        | 223.00         | 18   |
| check                      |          | 513.54     | 1515           | 16.90        | 58.30          | 225.67        |                |      |
| Dynagro D56TC44RIB         | 116      | 514.27     | 1625           | 17.00        | 59.10          | 241.43        | 236.55         | 8    |
| Dekalb DKC66-06            | 116      | 515.00     | 1625           | 17.00        | 58.30          | 241.08        | 232.46         | 10   |
| LG-67C07VT2PO              | 117      | 413.00     | 1295           | 17.20        | 59.40          | 239.00        | 226.85         | 16   |
| check                      | 115      | 414.63     | 1305           | 17.00        | 58.00          | 240.48        |                |      |
| Dekalb DKC117-78           | 117      | 416.25     | 1400           | 17.10        | 59.90          | 256.67        | 245.56         | 5    |
| Channel 218-66VT2RIB       | 118      | 417.88     | 1295           | 18.20        | 57.50          | 233.36        | 228.67         | 13   |
| Crow 18-88TRERIB           | 118      | 419.50     | 1385           | 17.00        | 56.80          | 252.25        | 253.34         | 2    |
| check                      | 115      | 421.13     | 1210           | 17.50        | 56.90          | 218.21        |                |      |
| Dynagro D57VC53RIB         | 117      | 422.75     | 960            | 16.90        | 60.90          | 173.71        | 174.07         | 25   |
| Dekalb DKC68-35            | 118      | 424.38     | 1450           | 17.00        | 59.10          | 261.06        | 254.70         | 1    |
| check                      | 115      | 426.00     | 1315           | 16.80        | 57.70          | 236.42        |                |      |
| <b>Plot Average</b>        |          |            | <b>1431.25</b> | <b>16.93</b> | <b>58.29</b>   | <b>226.44</b> |                |      |
| <b>Check Average</b>       |          |            | <b>1407.5</b>  | <b>16.95</b> | <b>57.78</b>   | <b>224.74</b> |                |      |

| County  | Site ID | Jan 2024 (in.) | Feb 2024 (in.) | Mar 2024 (in.) | Apr 2024 (in.) | May 2024 (in.) | Jun 2024 (in.) | Jul 2024 (in.) | Aug 2024 (in.) | Sep 2024 (in.) | Oct 2024 (in.) | Nov 2024 (in.) | Dec 2024 (in.) | Accumulative Precipitation (in.) |
|---------|---------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------------------------|
| Grayson | BLRK    | 7.3            | 4.2            | 2.39           | 5.08           | 12.94          | 3.87           | 8.95           | 2.24           | 5.48           | 0.31           | 6.01           | 2.64           | 61.41                            |

Data from KY Mesonet in Grayson County

[https://www.kymesonet.org/yearly\\_summaries.html?choice=prec\\_accu&year=2024&system=english](https://www.kymesonet.org/yearly_summaries.html?choice=prec_accu&year=2024&system=english)

## Cooperative Extension Service

Agriculture and Natural Resources  
Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

## MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension 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, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

Lexington, KY 40506

