# 530 Grain Sorghum | Test Plot Snapshot

22 plot entries across Kansas • 2023–2025 results

**AVERAGE YIELD**

**103.9 bu/A**

Across all 22 entries

**AVERAGE PLOT YIELD**

**112.1 bu/A**

Same plot locations

**AVERAGE OF PLOT MEAN**

**93.9%**

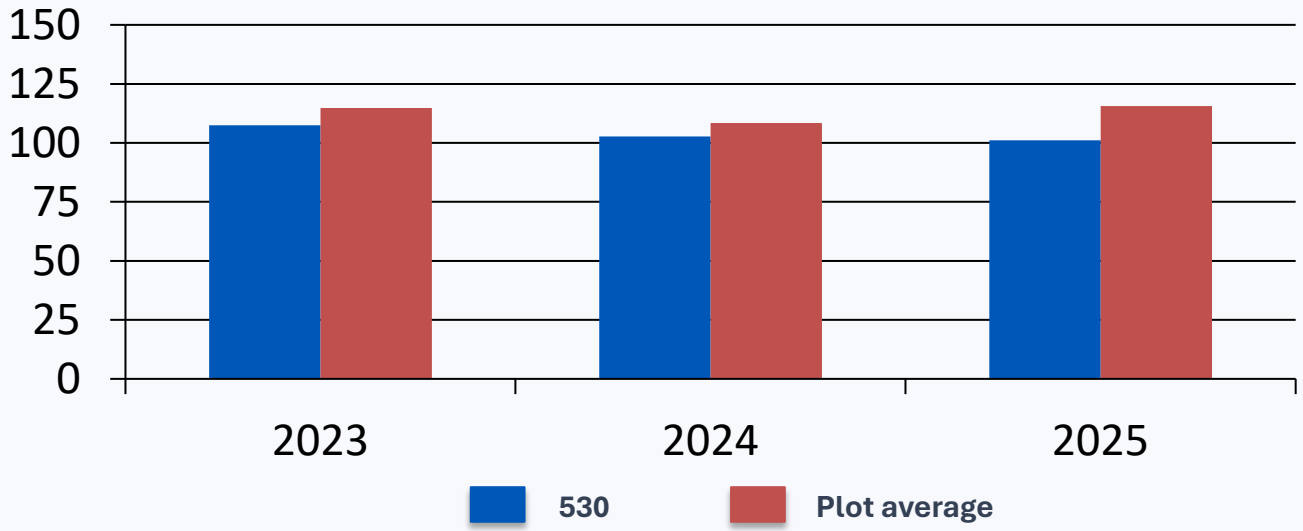
Unweighted average

**ABOVE PLOT AVERAGE**

**8 of 22**

Individual entries

## Performance by year




## Straightforward takeaways

- Averaged 103.9 bu/A across 22 entries.
- Finished at 93.9% of plot mean overall.
- Top yield was 170.2 bu/A at Larned, KS in 2023.
- Strongest yearly relative result was 2023 at 97.7% of plot mean.
- Northwest KS was the strongest region.

# 2023–2025 Test Plot Results

Annual performance summary for 530 grain sorghum

| Year | Entries | Avg. Yield | Plot Avg. | % of Mean | Above Avg. |
|---|---|---|---|---|---|
| 2023 | 7 | 107.5 | 114.8 | 97.7% | 3 of 7 |
| 2024 | 10 | 102.7 | 108.4 | 93.6% | 3 of 10 |
| 2025 | 5 | 101.1 | 115.6 | 89.3% | 2 of 5 |
| **Combined** | **22** | **103.9** | **112.1** | **93.9%** | **8 of 22** |

## What the annual summary shows

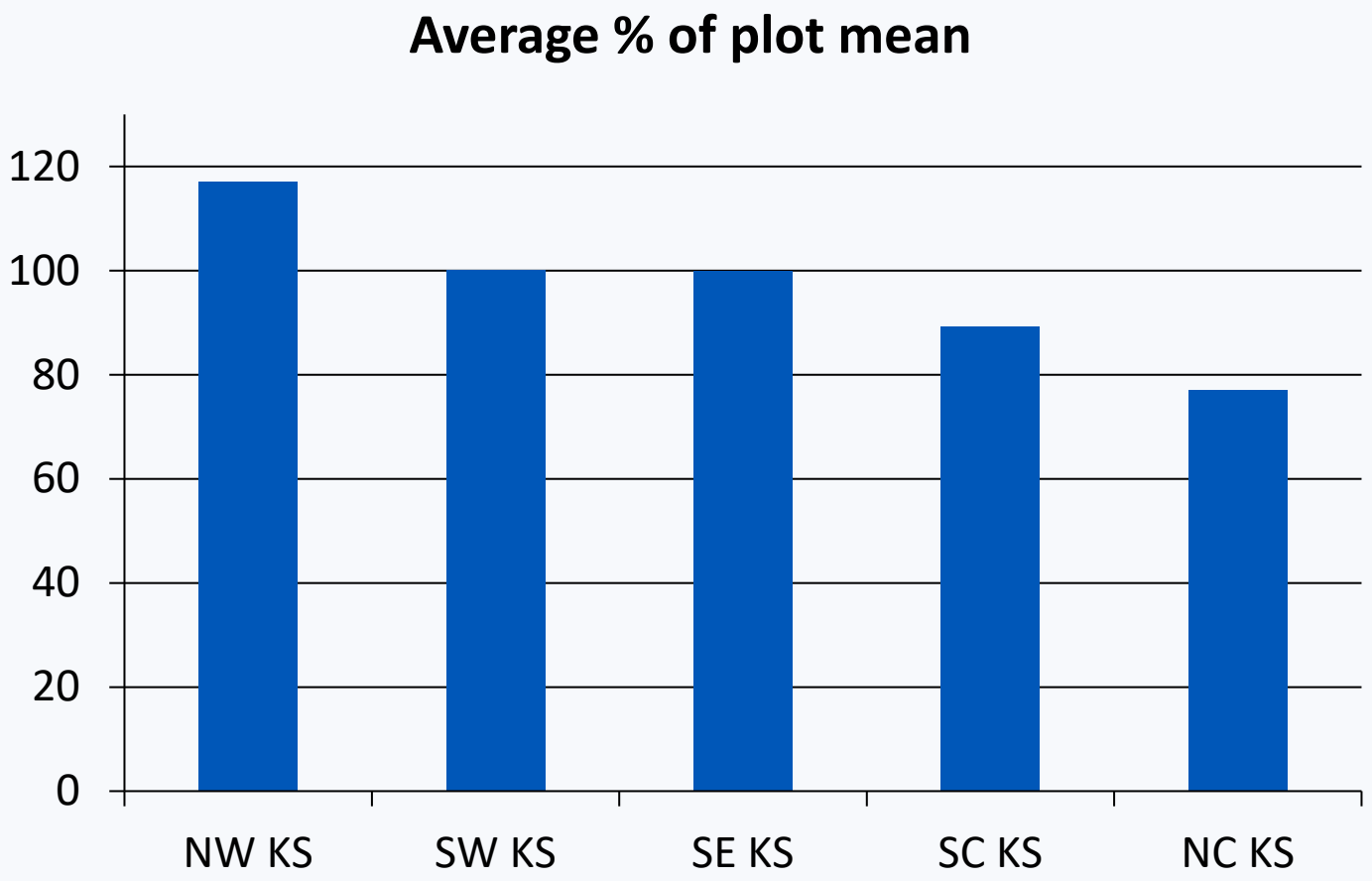
- Average yield was relatively stable across all three seasons.
- Relative performance was strongest in 2023.
- Eight of 22 entries finished above their individual plot average.

## Testing note

Results shown combine the 2023, 2024 and 2025 testing seasons.

# Regional Performance & Environment Fit

Relative performance is shown as average percentage of plot mean • 2023–2025 results




**DRYLAND**

## 93.7% of plot mean

16 entries • 98.8 bu/A average yield

**IRRIGATED**

## 94.5% of plot mean

6 entries • 117.4 bu/A average yield

### Best-fit takeaway

Best regional fit was Northwest Kansas. Irrigated plots produced the higher absolute yield, while relative performance was similar across environments.