

ROUGHAGE TRIALS - 1953

The roughage trial, begun at the Dickinson Experiment Station in 1951, is designed to compare the relative values of several crops when grown for roughage under dryland conditions.

| Table 7 - Yield Summary - Roughage Trials - 1951-1953 | | | | | | |
|---|---------------|--------------------------------------|------|-------|--------------------------------|------------------|
| Crop | Variety | Average Pounds Green Weight Per Acre | | | 3 Yr. Ave. Green Wt. 1951-1953 | Relative Yield % |
| | | 1951 | 1952 | 1953 | | |
| Corn | Northern | | | | | |
| | Rainbow Flint | 13025 | 3218 | 18706 | 11650 | 100 |
| | Southern | | | | | |
| | Rainbow Flint | --- | --- | 20727 | --- | --- |
| | Nodak 301 | 13575 | 3658 | 15651 | 10961 | 94 |
| Sorghum | Rancher | 6100 | 2498 | 13630 | 7409 | 64 |
| | Black Amber | 5950 | 3180 | 14711 | 7947 | 68 |
| Sudangrass | Sweet | --- | 2295 | 11515 | --- | --- |
| | Piper | --- | | 8836 | --- | --- |

This year sorghum and sudan grass made their best growth and showing since the trial was begun, but it seems that a year that is good for sorghum and sudan grass is also a good corn year. Corn remains the top silage crop for this area both in quantity production and quality of feed.

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