

These are results from the K-State and High Plains Sunflower Committee sunflower demonstration plots around Caruso.
 Dryland results are from the plot located along Hwy 24 by the ADM Sunflower Plant. Irrigated results are from south of Caruso on a split circle of Steve

2008 Irrigated Sunflower Trial
K-State Research and Extension & High Plains Sunflower Committee
 Cooperator: Steve Evert, Evert Farms, Goodland, KS

2008 Dryland Sunflower Trial
K-State Research and Extension & High Plains Sunflower Committee
 High Plains Sunflower Dryland Research Site, Goodland, KS

| | | Yield (bu/A) | Oil Content (%) |
|-----------------------------------|---------------|-----------------|--------------------|
| NuSun Sunflowers | | | |
| Monsanto/DeKalb | 37-31 | 2539 | 41.4 |
| Triumph Seeds | 664 | 2444 | 43.3 |
| Monsanto/DeKalb | 38-45 | 2347 | 44.5 |
| Mycogen Seeds | 8N270 | 2309 | 42 |
| Garst Seed Company | 4651 NS | 2281 | 40.6 |
| Mycogen Seeds | 8N510 | 2272 | 41.5 |
| Triumph Seeds | 657 | 2208 | 43.9 |
| Triumph Seeds | s672 | 2191 | 44.9 |
| Mycogen Seeds | 8N453DM | 2182 | 43.8 |
| Croplan Genetics | 356 | 2147 | 40.7 |
| Mycogen Seeds | 8N358CL | 2065 | 42.4 |
| Fontanelle Hybrids | 902 NS | 2018 | 42.5 |
| Garst Seed Company | 4668 NS/CL | 1957 | 37.7 |
| Monsanto/DeKalb | 29-30 | 1909 | 42.3 |
| Triumph Seeds | s678 | 1889 | 43.2 |
| Pioneer Hi-Bred | 63N82 | 1861 | 42.2 |
| Monsanto/DeKalb | 34-80 CL | 1831 | 39.8 |
| Monsanto | IS 6131 | 1805 | 43.7 |
| Monsanto | IS 4668 NS/CL | 1777 | 39.3 |
| Fontanelle Hybrids | 4668 NS/CL | 1608 | 39.8 |
| High Oil Sunflowers | | | |
| Garst Seed Company | 4596 HO | 2263 | 39 |
| Triumph Seeds | 845 HO | 2079 | 43.7 |
| Confection Sunflowers | | | |
| Seed Size (% over 20/64) | | | |
| Red River Commodities | 2215 | 1871 | 89 |
| Red River Commodities | 2216 | 1783 | 88 |
| Triumph Seeds | 777C | 1514 | 96 |
| Red River Commodities | 2419 | 1512 | 85 |
| Red River Commodities | 7015 | 1448 | 81 |
| Average for NuSun Sunflowers | | 2082 | 42.0 |
| Average for High Oil Sunflowers | | 2171 | 41.4 |
| Average for Confection Sunflowers | | 1626 | 87.8 |

| | | Yield (lbs) | Oil Content (%) |
|---------------------------------|------------|----------------|--------------------|
| NuSun Sunflowers | | | |
| Triumph Seeds | 664 | 1857 | 41.9 |
| Fontanelle Hybrids | 902 NS | 1786 | 41.4 |
| Monsanto/DeKalb | 38-45 | 1731 | 42.3 |
| Mycogen Seeds | 8N510 | 1676 | 39.8 |
| Monsanto/DeKalb | 37-31 | 1660 | 40.3 |
| Pioneer Hi-Bred | 63N82 | 1617 | 39.8 |
| Garst Seed Company | 4668 NS/CL | 1615 | 37.4 |
| Croplan Genetics | 356 | 1614 | 41.0 |
| Fontanelle Hybrids | 4668 NS/CL | 1573 | 39.4 |
| Mycogen Seeds | 8N453DM | 1567 | 44.3 |
| Mycogen Seeds | 8N358CL | 1563 | 41.6 |
| Garst Seed Company | 4651 NS | 1455 | 39.7 |
| Triumph Seeds | s678 | 1407 | 41.0 |
| Triumph Seeds | s672 | 1344 | 43.1 |
| Monsanto/DeKalb | 29-30 | 874 | 41.0 |
| High Oil Sunflowers | | | |
| Garst Seed Company | 4596 HO | 1398 | 37.7 |
| Confection Sunflowers | | | |
| Seed Size (% over 20/64) | | | |
| Red River Commodities | 2215 | 1194 | 89 |
| Red River Commodities | 2216 | 1157 | 88 |

| | | |
|-----------------------------------|------|------|
| Average for NuSun Sunflowers | 1556 | 40.9 |
| Average for High Oil Sunflowers | 1398 | 37.7 |
| Average for Confection Sunflowers | 1176 | 89 |

Irrigated Sunflower Plot
 Planted: June 17, 2008
 Harvested: October 27, 2008

Dryland Sunflower Plot
 Planted: June 19, 2008
 Harvested: October 27, 2008

If you have any questions, please contact Jeanne Falk, K-State Agronomist for the Sunflower Extension District, at (785) 462-6281.



4)