

Analysis of 2011 Nebraska county-level yields of rainfed and irrigated corn and soybean

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2011 county-level irrigated vs. rainfed corn yield in Nebraska

Irrigated average = 180 bu ac⁻¹

(-6 bu ac⁻¹ than 2010 yield of 186 bu/ac)

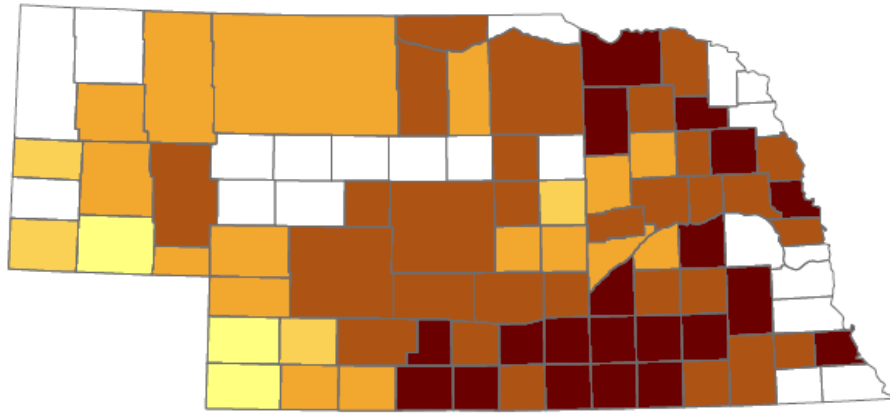
(-6 bu ac⁻¹ than past 7-y average yield of 186 bu/ac)

Rainfed average = 132 bu ac⁻¹

(-6 bu ac⁻¹ than 2010 yield of 138 bu/ac)

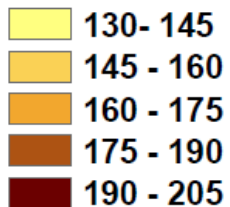
(+6 bu ac⁻¹ than past 7-y average yield of 126 bu/ac)

2011 irrigated corn yield

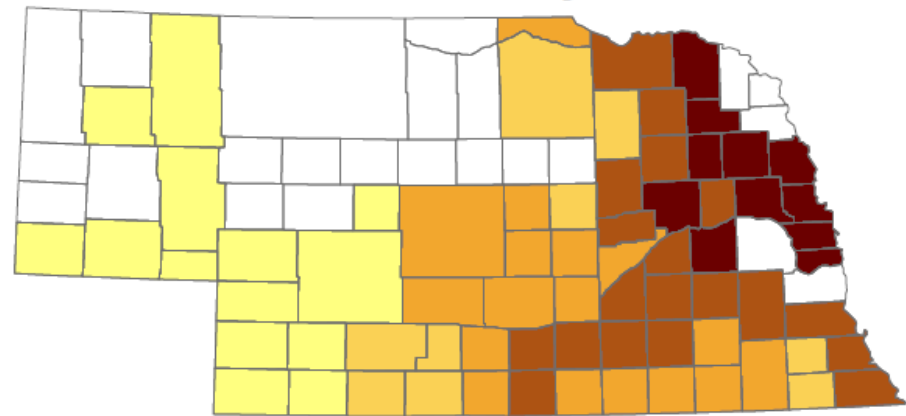


Irrigated yield (bu/ac)

0 30 60 120 Miles

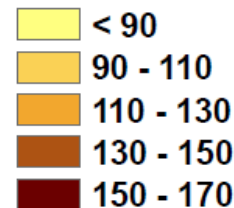


2011 rainfed corn yield



Rainfed yield (bu/ac)

0 30 60 120 Miles



Corn area < 4000 ac or not reported in white counties

NASS-USDA (2011)
Data compiled and mapped by
Patricio Grassini

2011 county-level irrigated vs. rainfed soybean yield in Nebraska

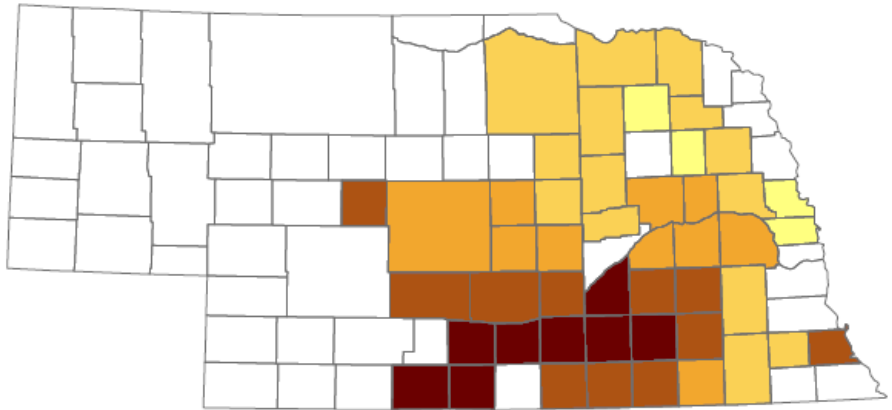
Irrigated average = 61 bu ac⁻¹

(+1 bu ac⁻¹ than 2010 yield of 59 bu/ac)
(+3 bu ac⁻¹ than past 7-y average yield of 58 bu/ac)

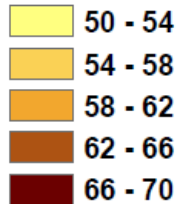
Rainfed state average = 47 bu ac⁻¹

(+1 bu ac⁻¹ than 2010 yield of 47 bu/ac)
(+4 bu ac⁻¹ than past 7-y average yield of 44 bu/ac)

2011 irrigated soybean yield



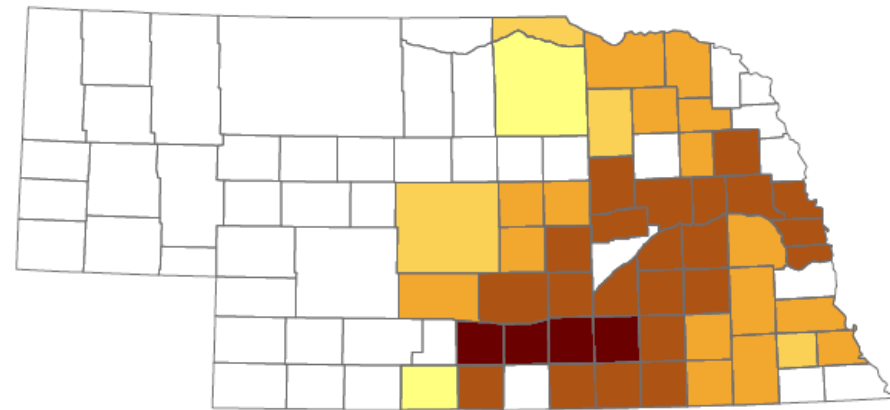
Irrigated yield (bu/ac)



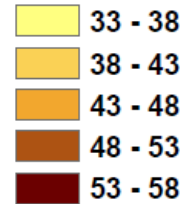
0 30 60 120 Miles



2011 rainfed soybean yield



Rainfed yield (bu/ac)



0 30 60 120 Miles



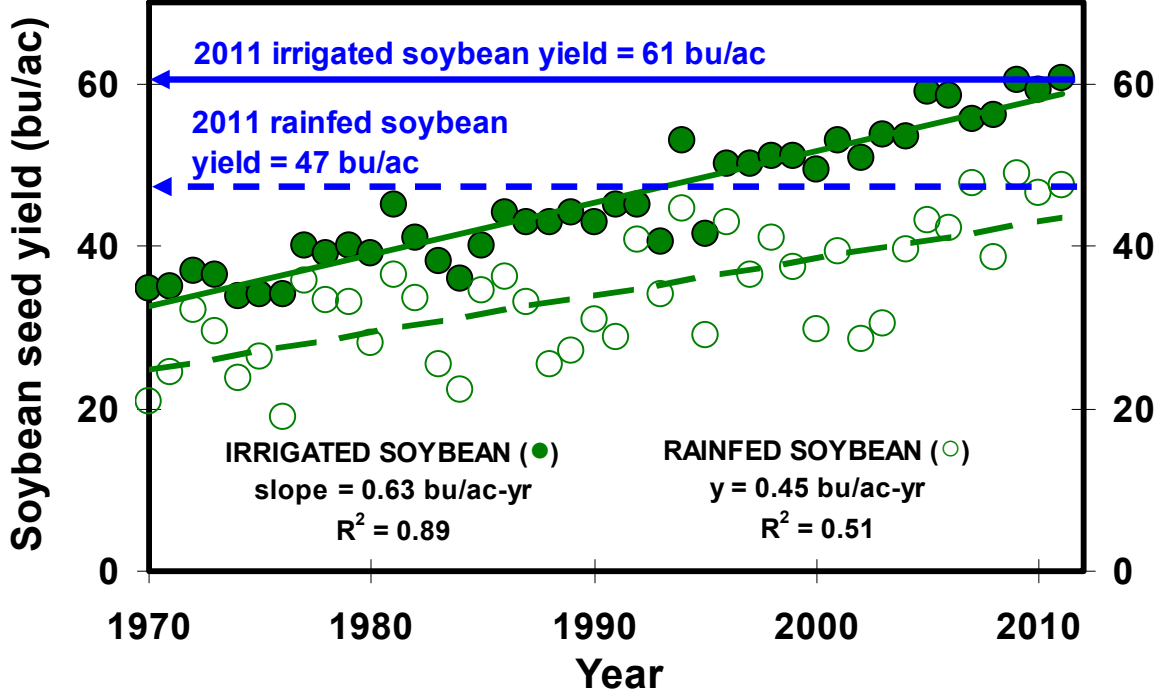
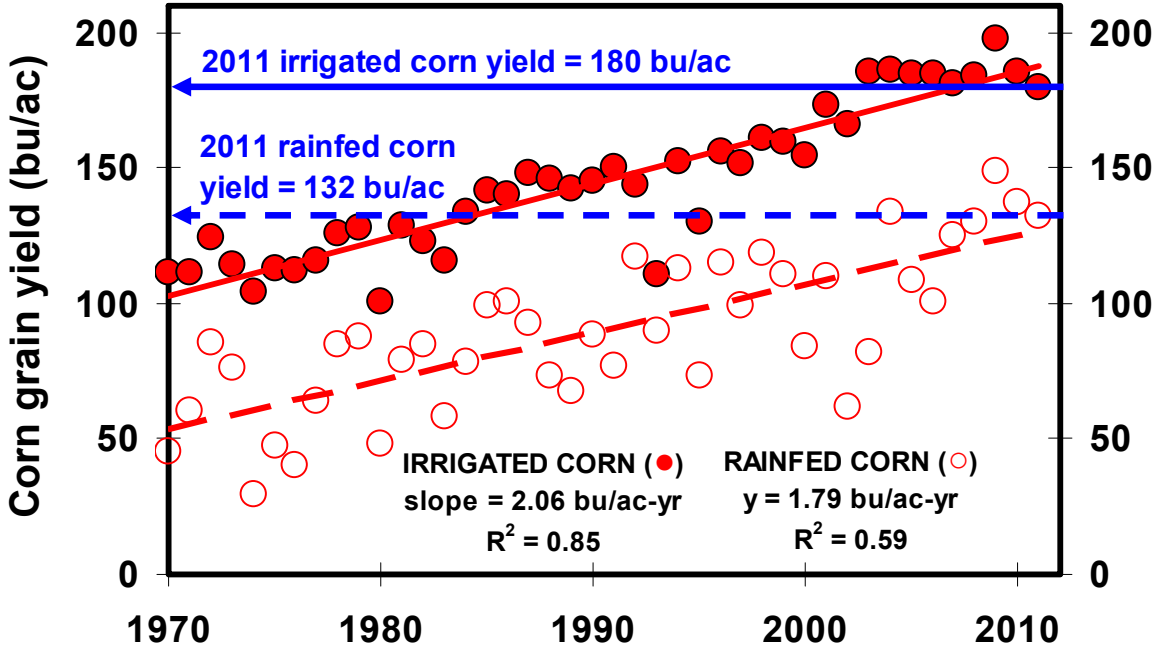
Soybean area < 3500 ac or not reported in white counties

NASS-USDA (2011)
Data compiled and mapped by
Patricio Grassini

Corn & Soybean: trends in state-average NE rainfed and irrigated grain yields

Average irrigated corn yield was the lowest in the last 9 years. Good news is that 2011 is a record year for irrigated soybean in Nebraska.

Rainfed yields of both corn and soybeans were very good but not as good as in 2009.



SOURCE: NASS-USDA (1970-2011)
 Data compiled and analyzed by
 Patricio Grassini