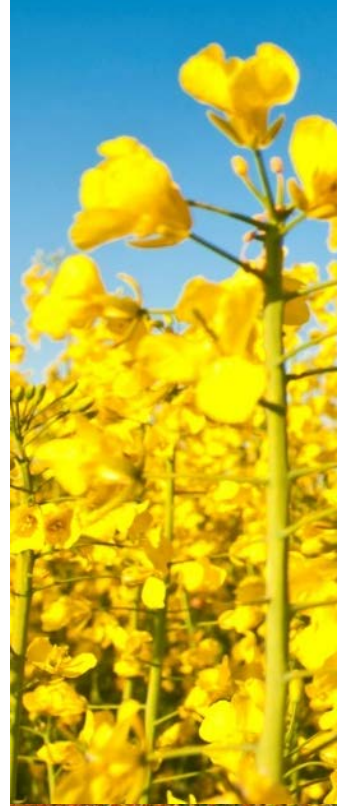


AN ALTERNATIVE CROPS OVERVIEW

**Summarizing Local and Regional
Performance of Pulses and Oilseeds**

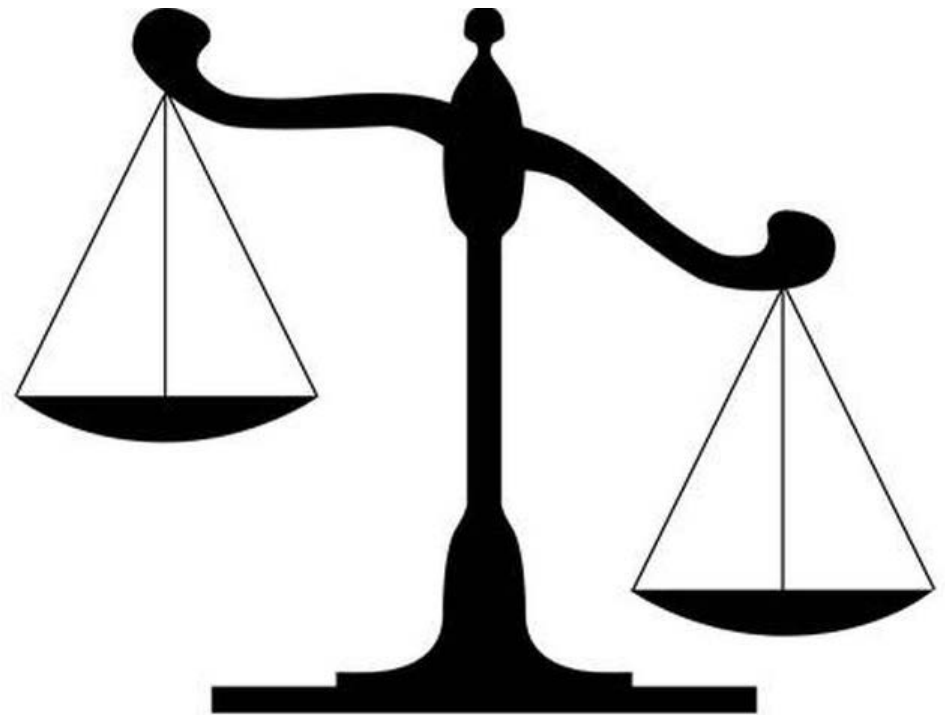
Simon Fordyce, Research Associate
Central Ag Research Center
Moccasin, MT



- Orientation
- Performance
- Economics



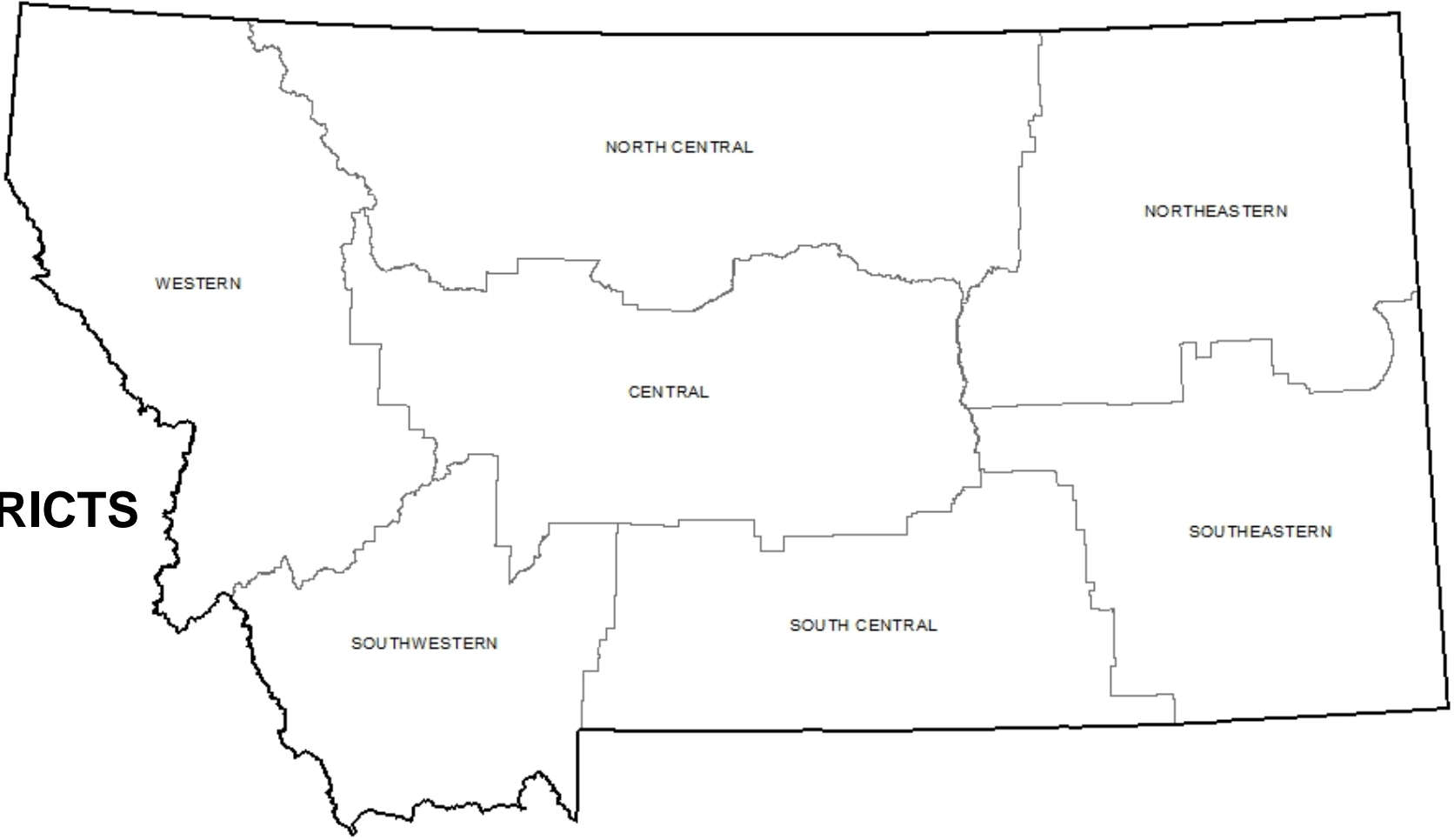
- Orientation
- Performance**
- Economics



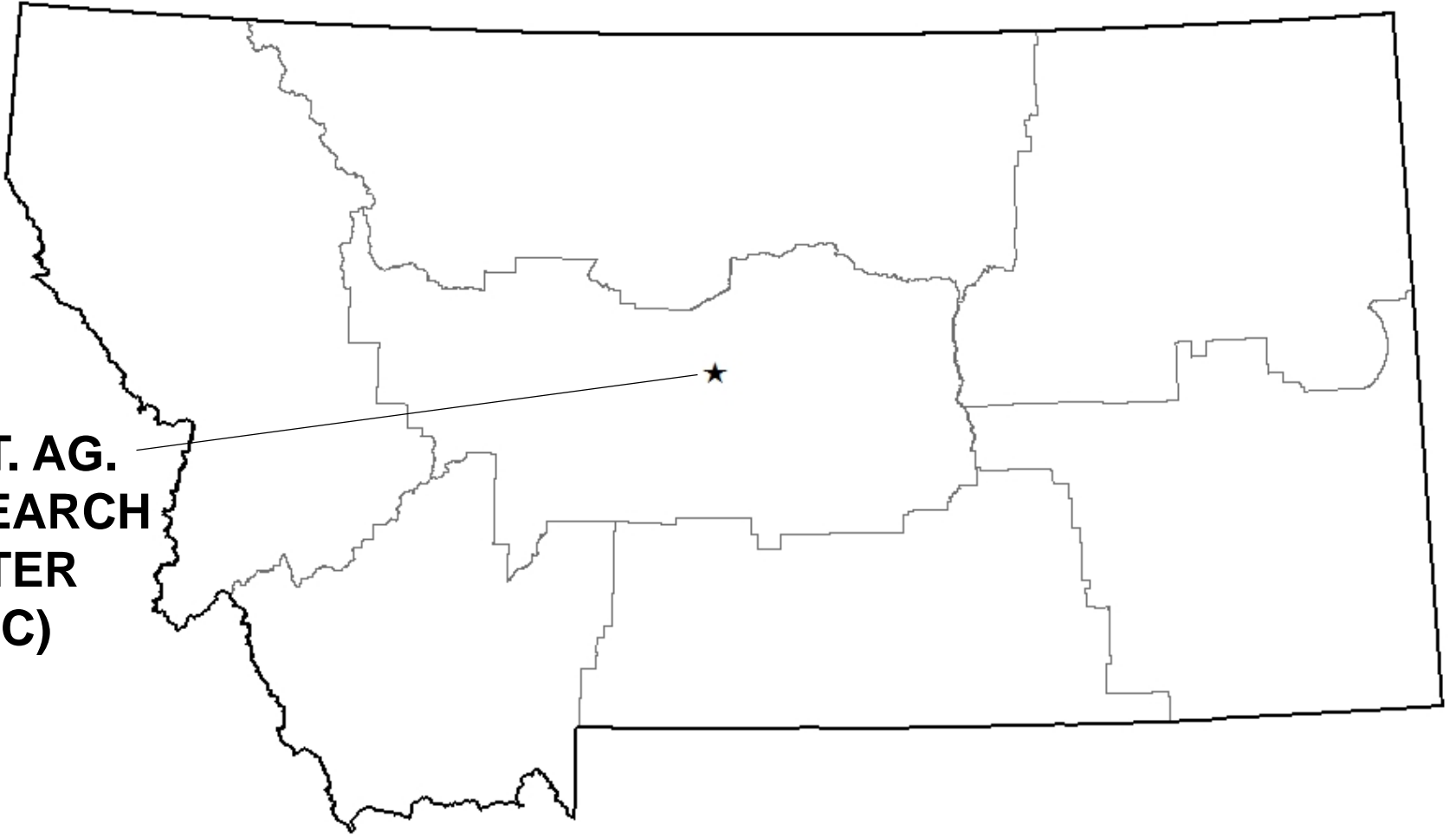
- Orientation
- Performance
- Economics



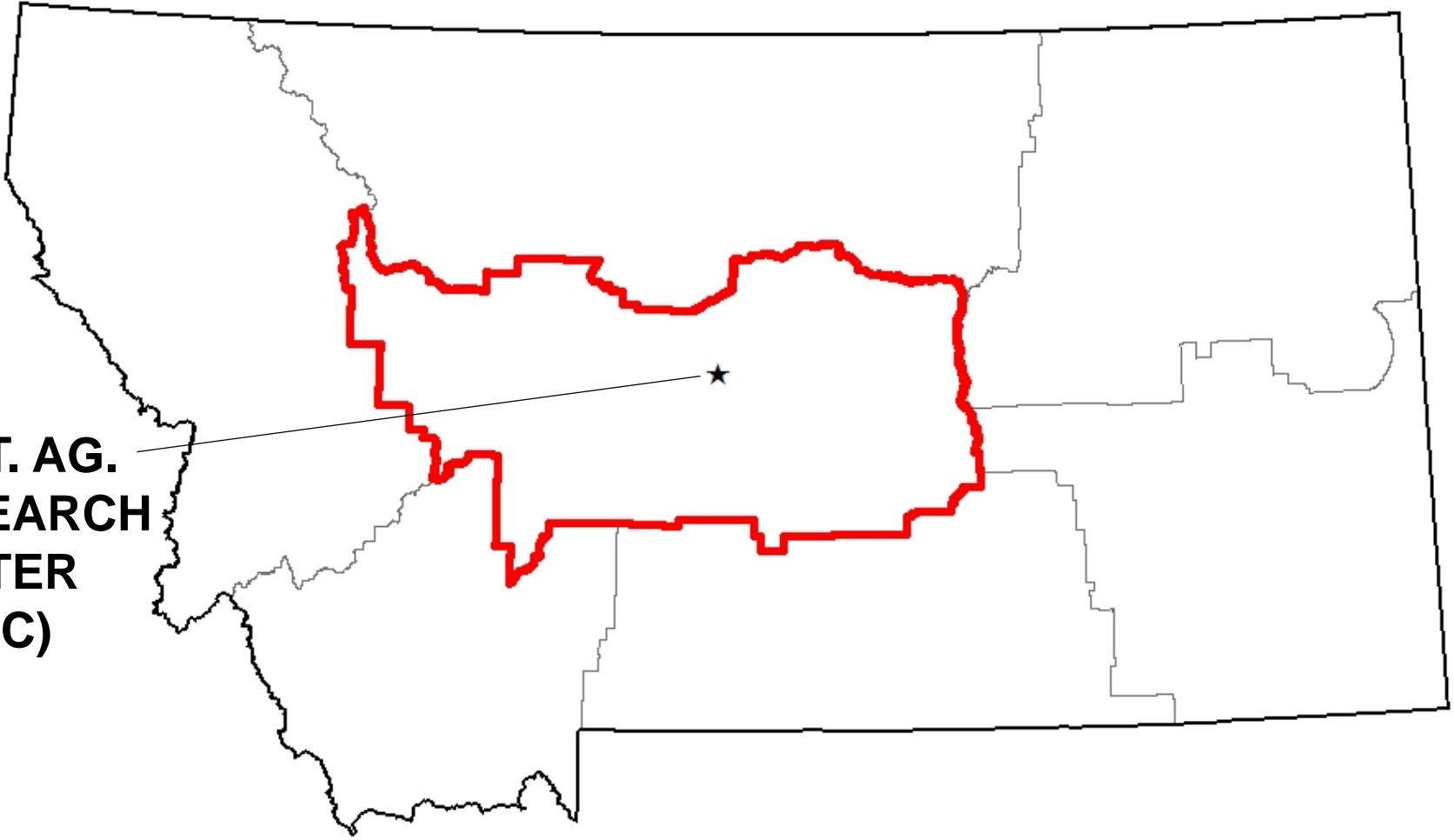
**AG.
DISTRICTS**



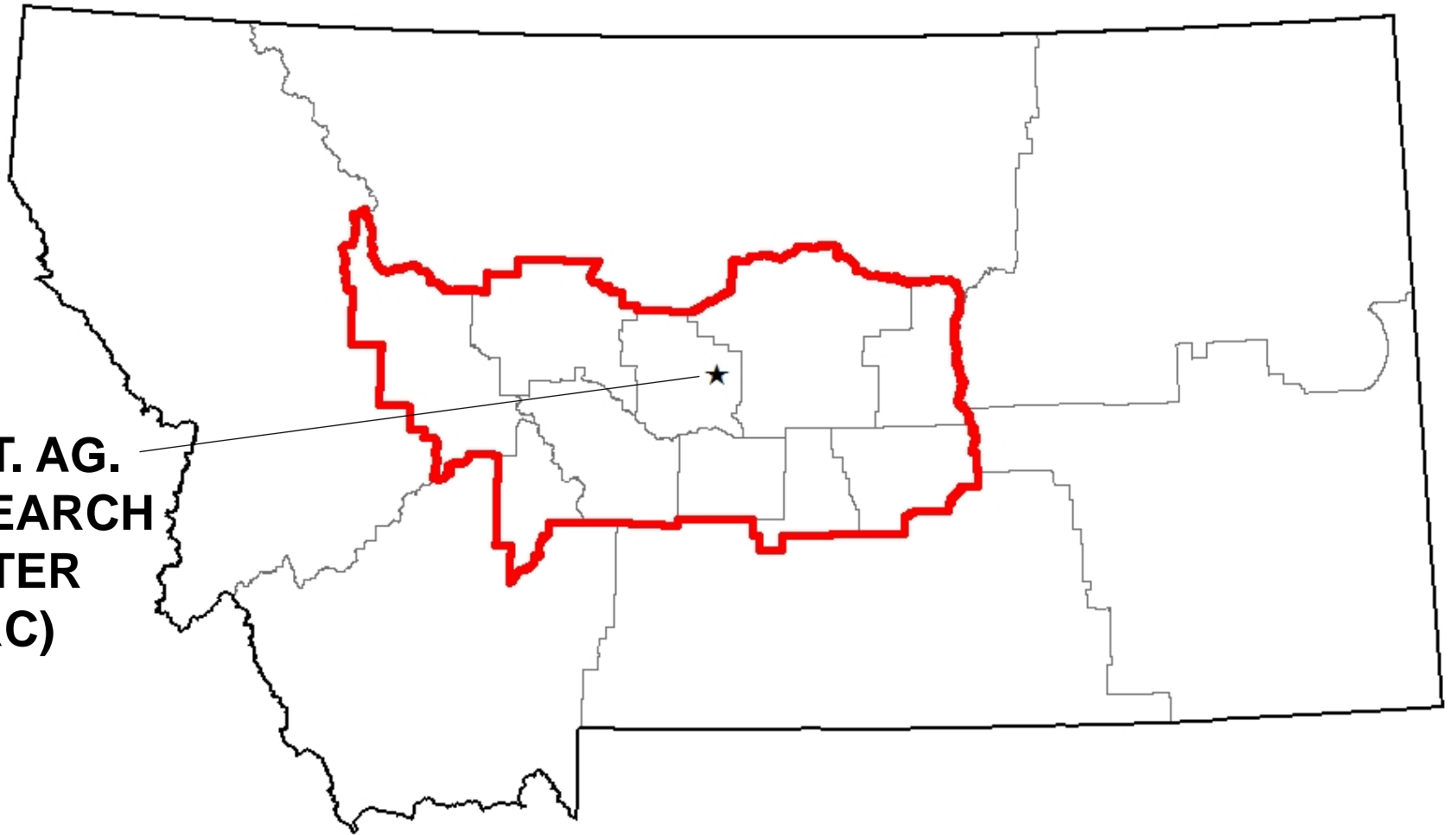
**CENT. AG.
RESEARCH
CENTER
(CARC)**



**CENT. AG.
RESEARCH
CENTER
(CARC)**



**CENT. AG.
RESEARCH
CENTER
(CARC)**





Quick Stats

Navigation: Home > Sector > Group > Commodity > Data Item > Locale > State > Ag. District

Select Commodity (one or more)

Keyword Search [Hints](#)

Status: 15 records
Selected items filter to 15 of 34,599,427 total records. Press Get Data button below to retrieve records.

Program: SURVEY

Sector: ANIMALS & PRODUCTS
CROPS
DEMOGRAPHICS
ECONOMICS
ENVIRONMENTAL

Group: CROP TOTALS
FIELD CROPS
FRUIT & TREE NUTS
HORTICULTURE
VEGETABLES

Commodity: ORTS
OIL
OIL-BEARING CROPS
PASTURELAND
PEANUTS
PEAS
PEAS & LENTILS
POPCORN
POTATOES & DRY BEANS
PUMPKINS

Category: YIELD

Data Item: PEAS, DRY EDIBLE - SALES, MEASURED IN PCT OF MKTG YEAR
PEAS, DRY EDIBLE - STOCKS, MEASURED IN CWT
PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE
PEAS, DRY EDIBLE, IRRIGATED - ACRES HARVESTED
PEAS, DRY EDIBLE, IRRIGATED - OPERATIONS WITH AREA HARVESTED
PEAS, DRY EDIBLE, OFF FARM - STOCKS, MEASURED IN CWT
PEAS, DRY EDIBLE, ON FARM - STOCKS, MEASURED IN CWT
PEAS, DRY EDIBLE, ORGANIC - ACRES HARVESTED
PEAS, DRY EDIBLE, ORGANIC - OPERATIONS WITH AREA HARVESTED

Domain: TOTAL

Select Location (one or more)

Geographic Level: AGRICULTURAL DISTRICT
COUNTY
NATIONAL
STATE

State: MONTANA
NORTH DAKOTA

Ag District: CENTRAL
NORTH CENTRAL
NORTHEAST
NORTHWEST
OTHER DISTRICTS, ALL COUNTIES
SOUTH CENTRAL
SOUTHEAST
SOUTHWEST

Select Time (one or more)

Year: 2016
2015
2014
2013
2012
2011
...

Quick Stats

[Home](#)
[Recent Statistics](#)
[Developers](#)
[Help](#)

Double click any cell below to filter the data by that item. Right click on column heading to pivot or hide columns.

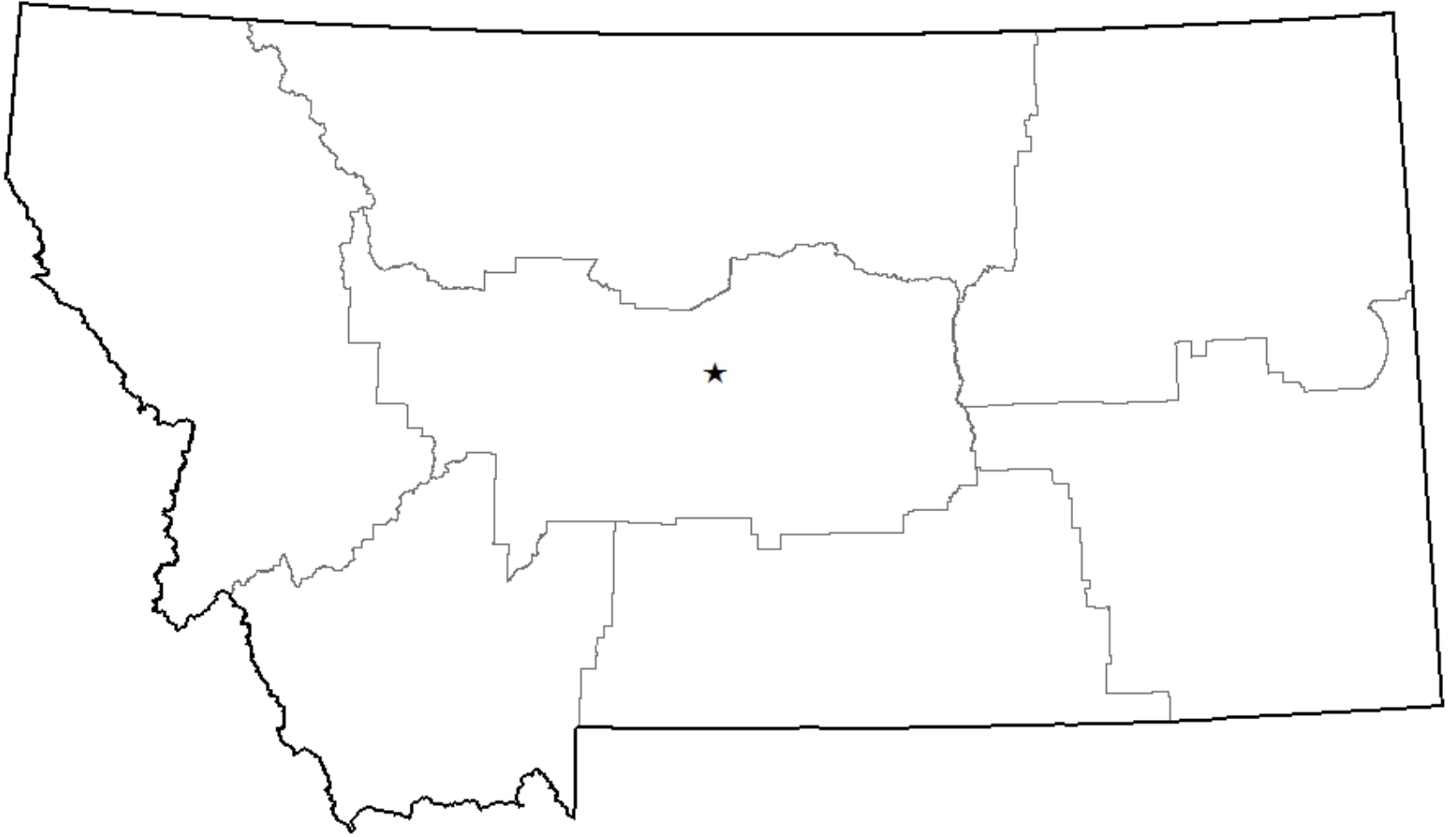
Navigation History: Data

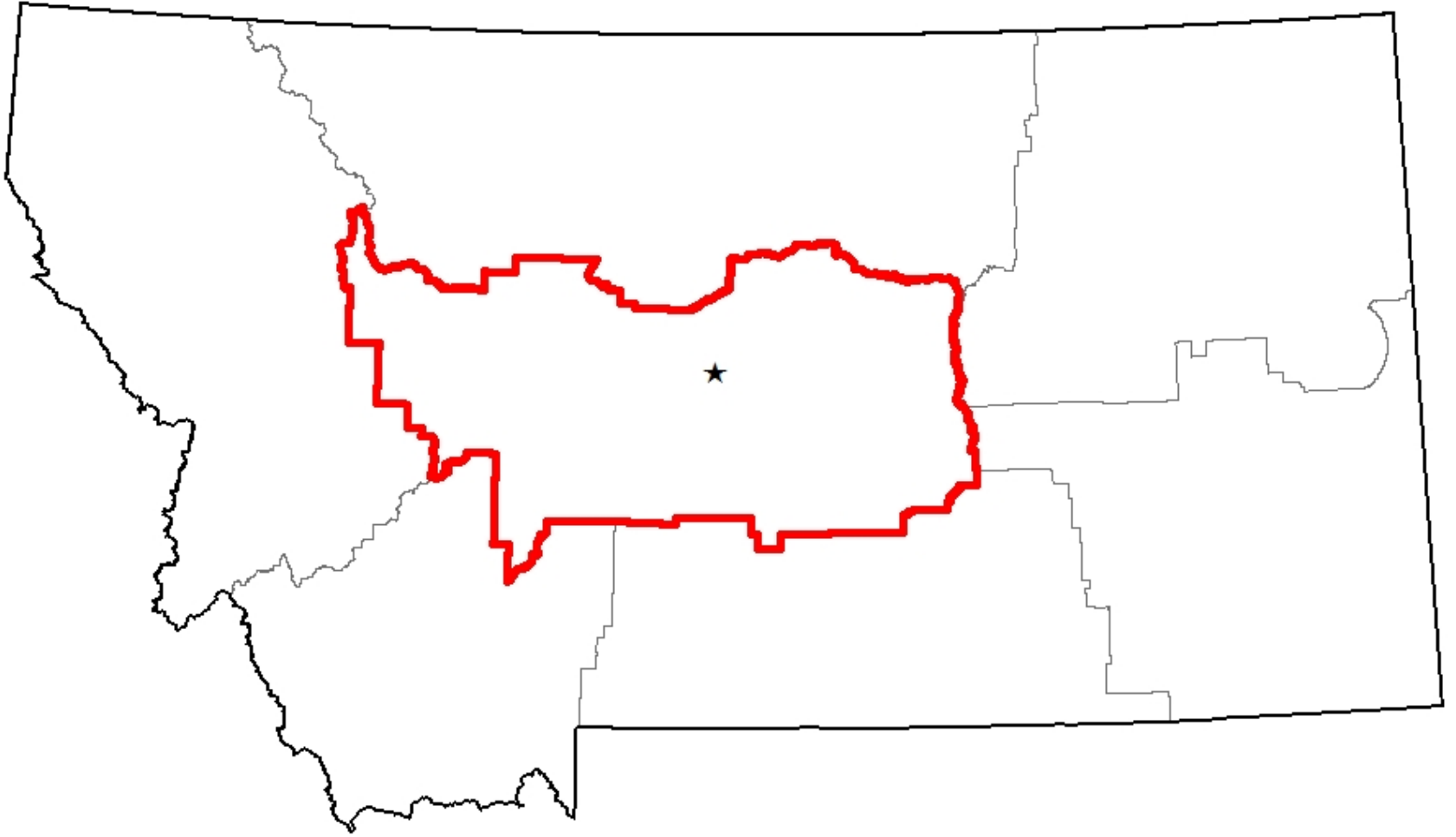
Save :: Spreadsheet :: Printable :: Map :: (15 rows)

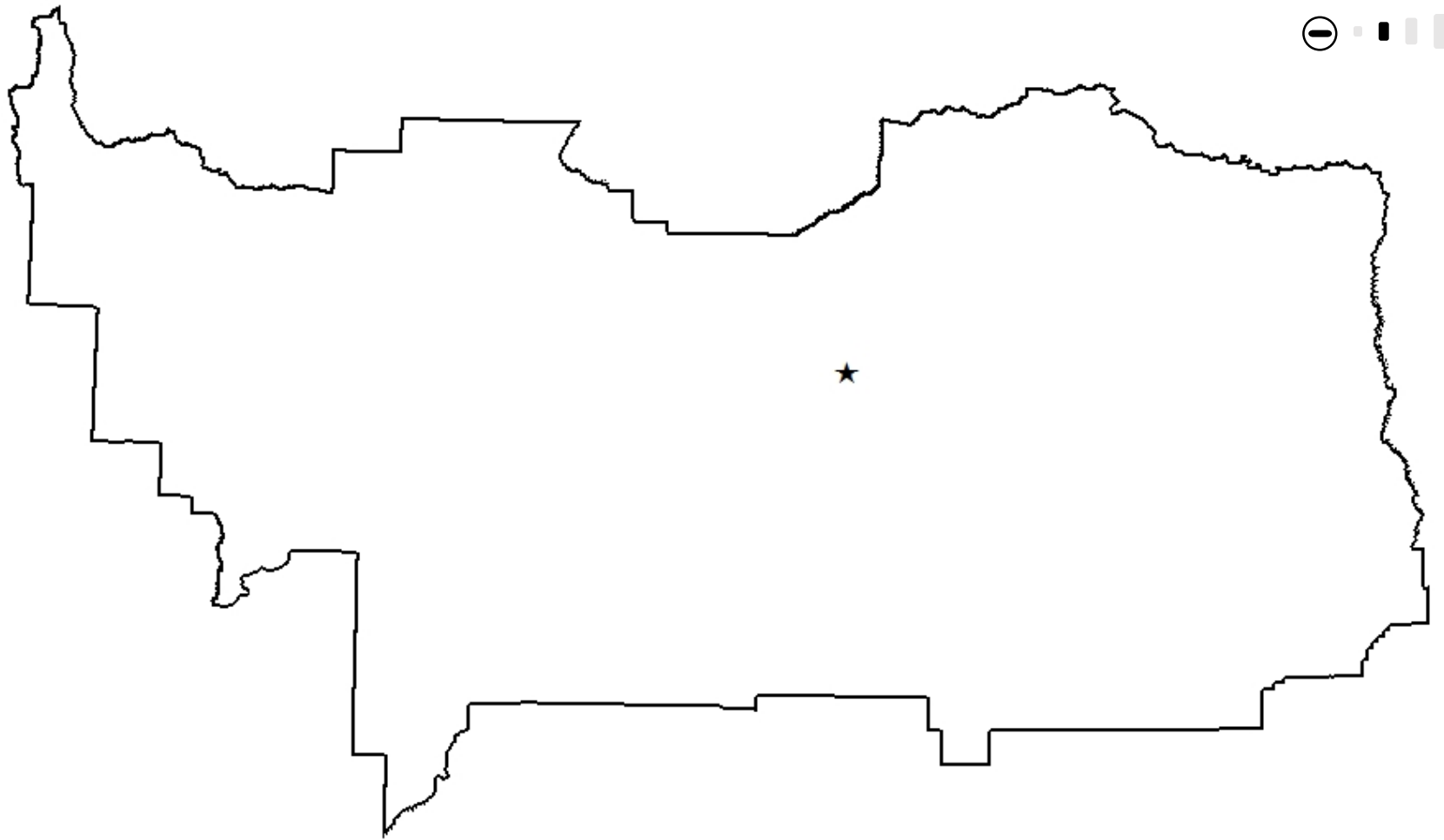
Program	Year	Period	Geo Level	State	State ANSI	Ag District	Ag District Code	watershed_code	Common	Data Item	Domain	Domain Category	Value
SURVEY	2016	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,160
SURVEY	2015	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,580
SURVEY	2014	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,450
SURVEY	2013	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,040
SURVEY	2012	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,110
SURVEY	2011	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,130
SURVEY	2010	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,780
SURVEY	2009	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	1,520
SURVEY	2008	YEAR	AGRICULTURAL DISTRICT	MONTANA	30	CENTRAL	50	00000000	PEAS	PEAS, DRY EDIBLE - YIELD, MEASURED IN LB / ACRE	TOTAL	NOT SPECIFIED	660

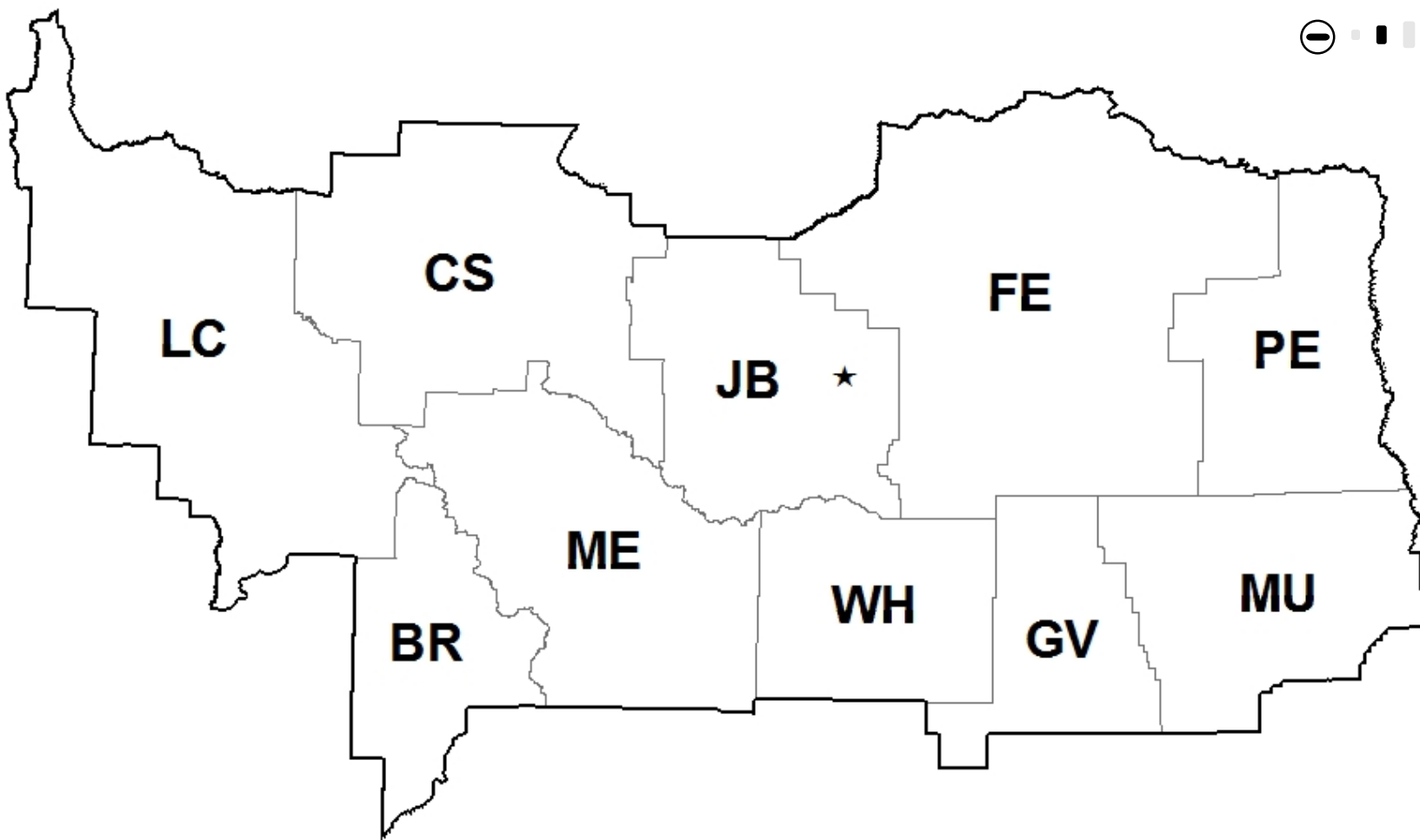
[Back](#)

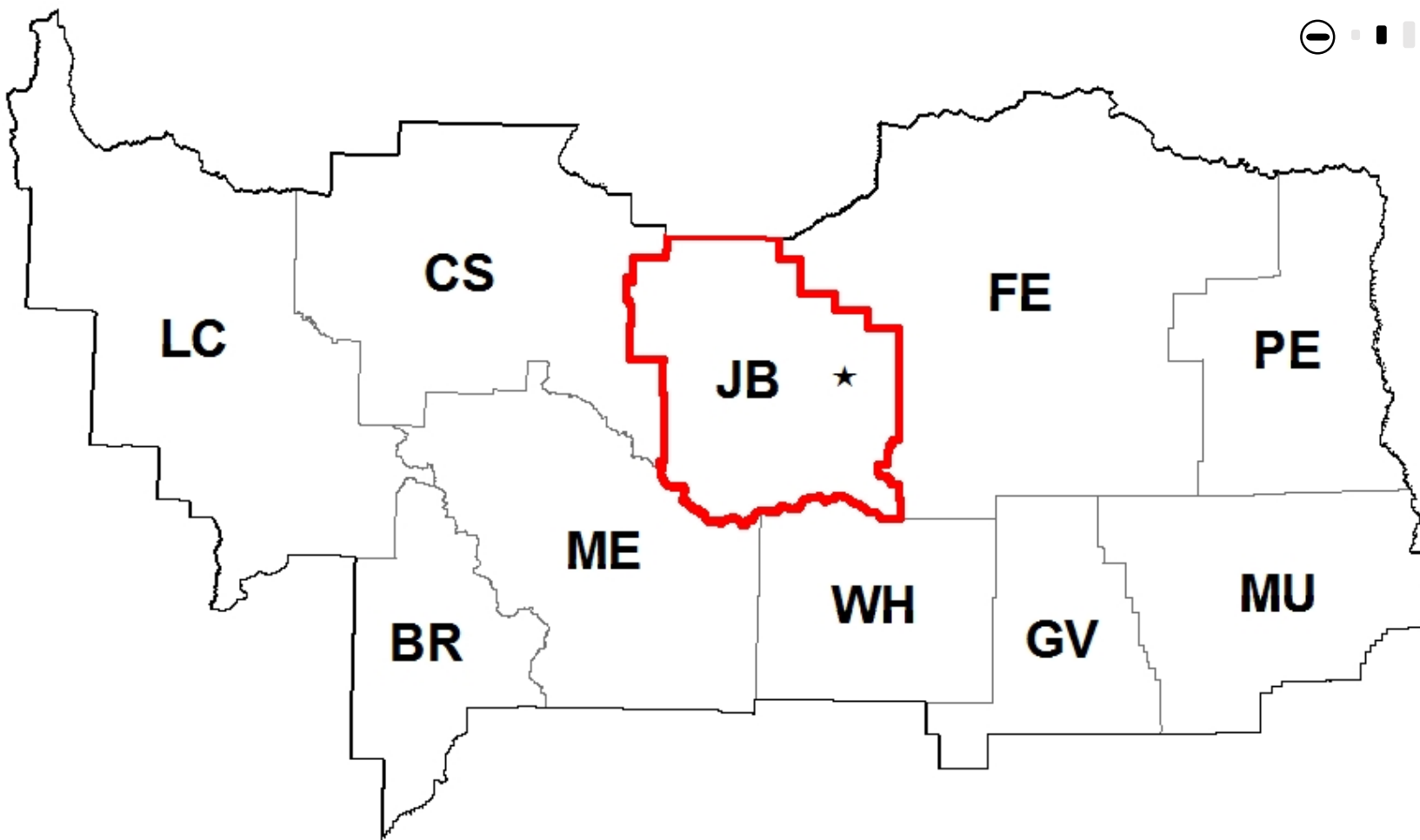
[Abbreviations and Symbols](#)

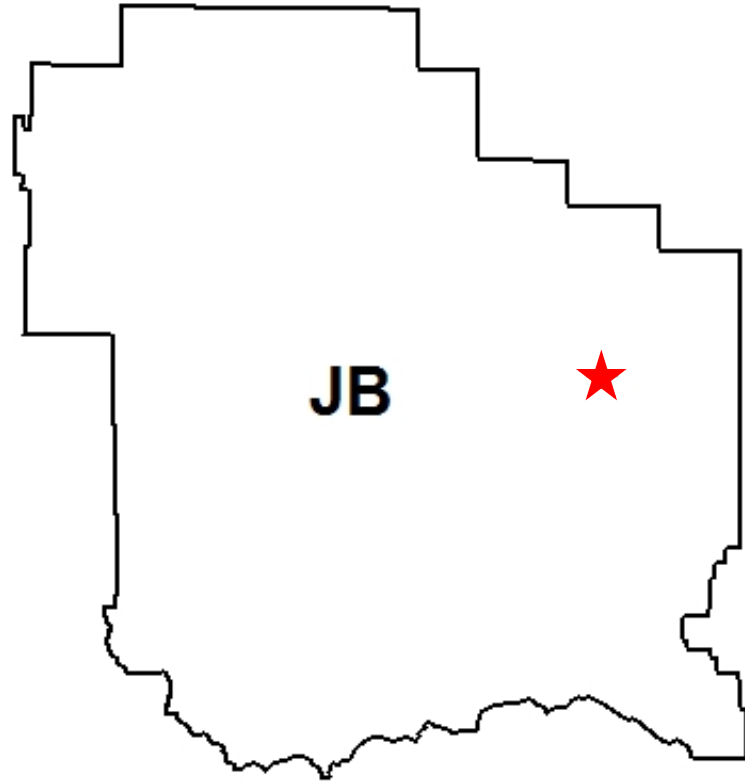


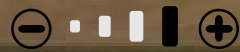












**GEO.
UNIT**

**TOP
RIGHT**

**BOTTOM
RIGHT**

STATE



DISTRICT



COUNTY



LOCAL



MULTIPLE





PEA



CANOLA



LENTIL



CHICKPEA



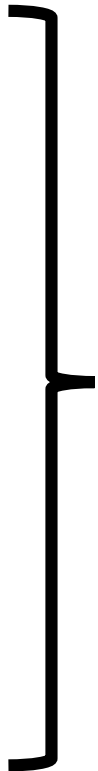
SAFFLOWER

PULSE



OILSEED

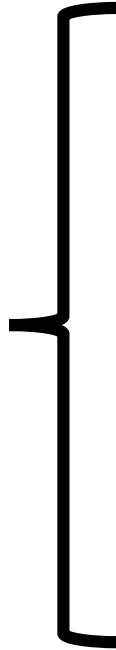


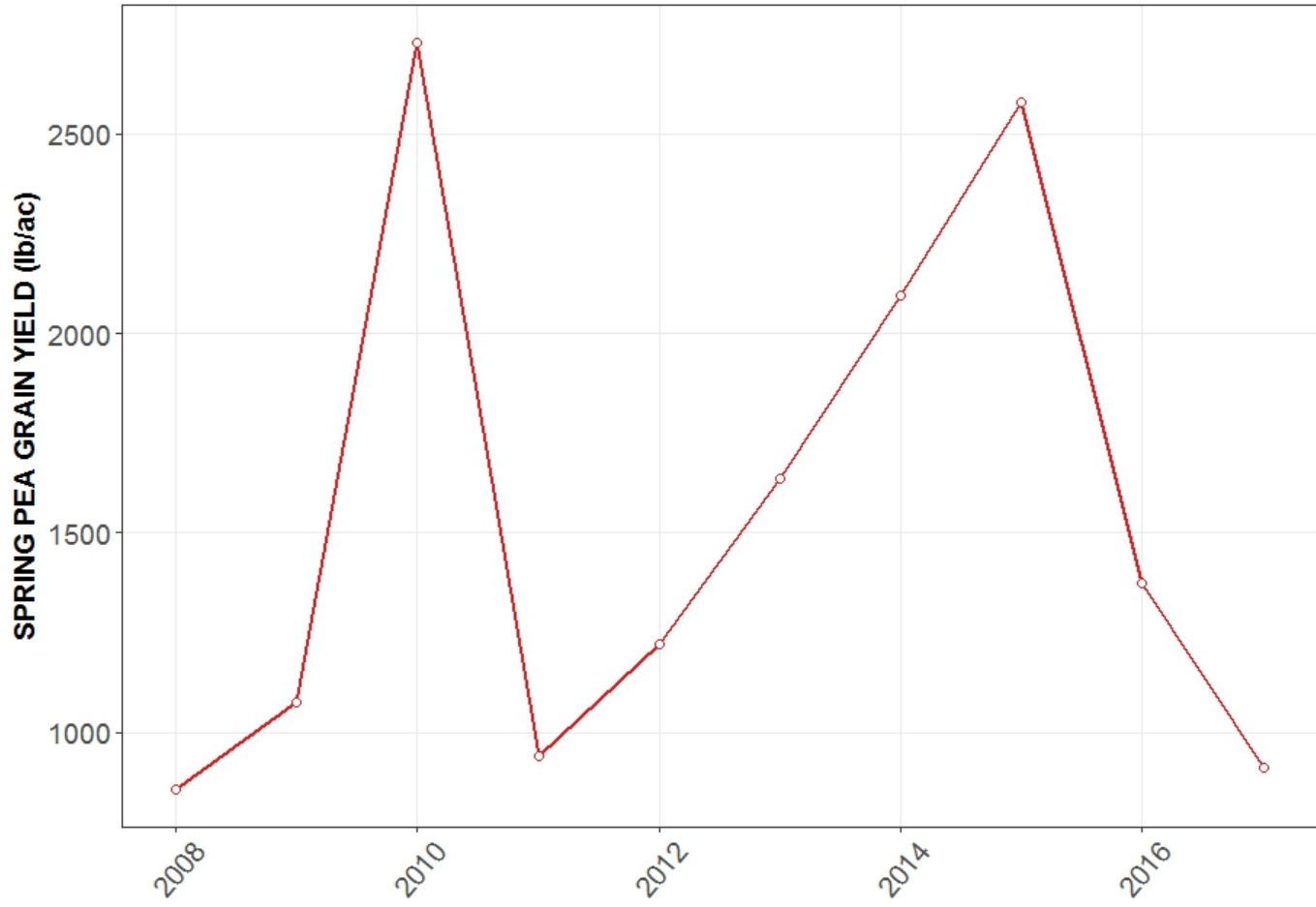


PULSE

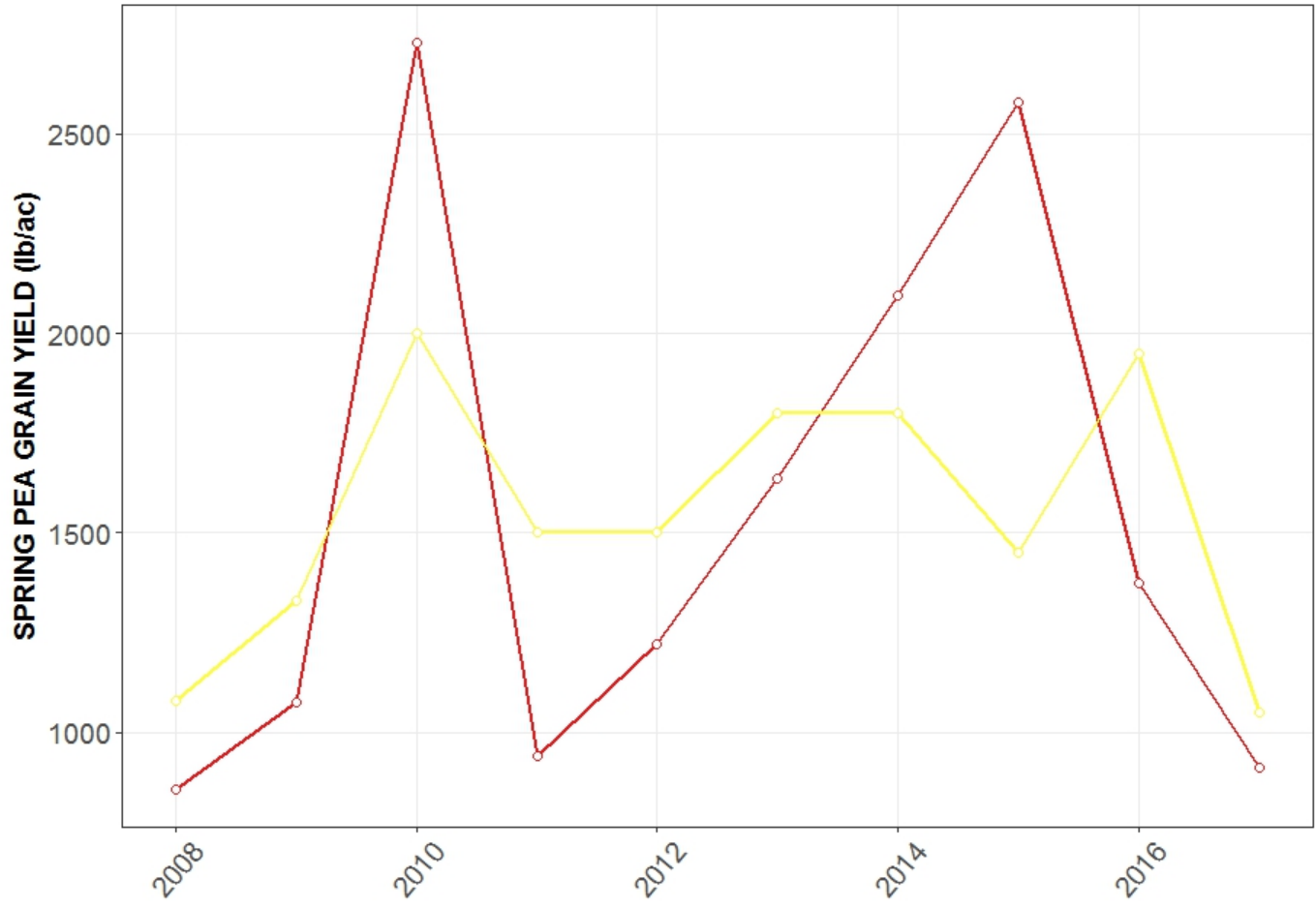


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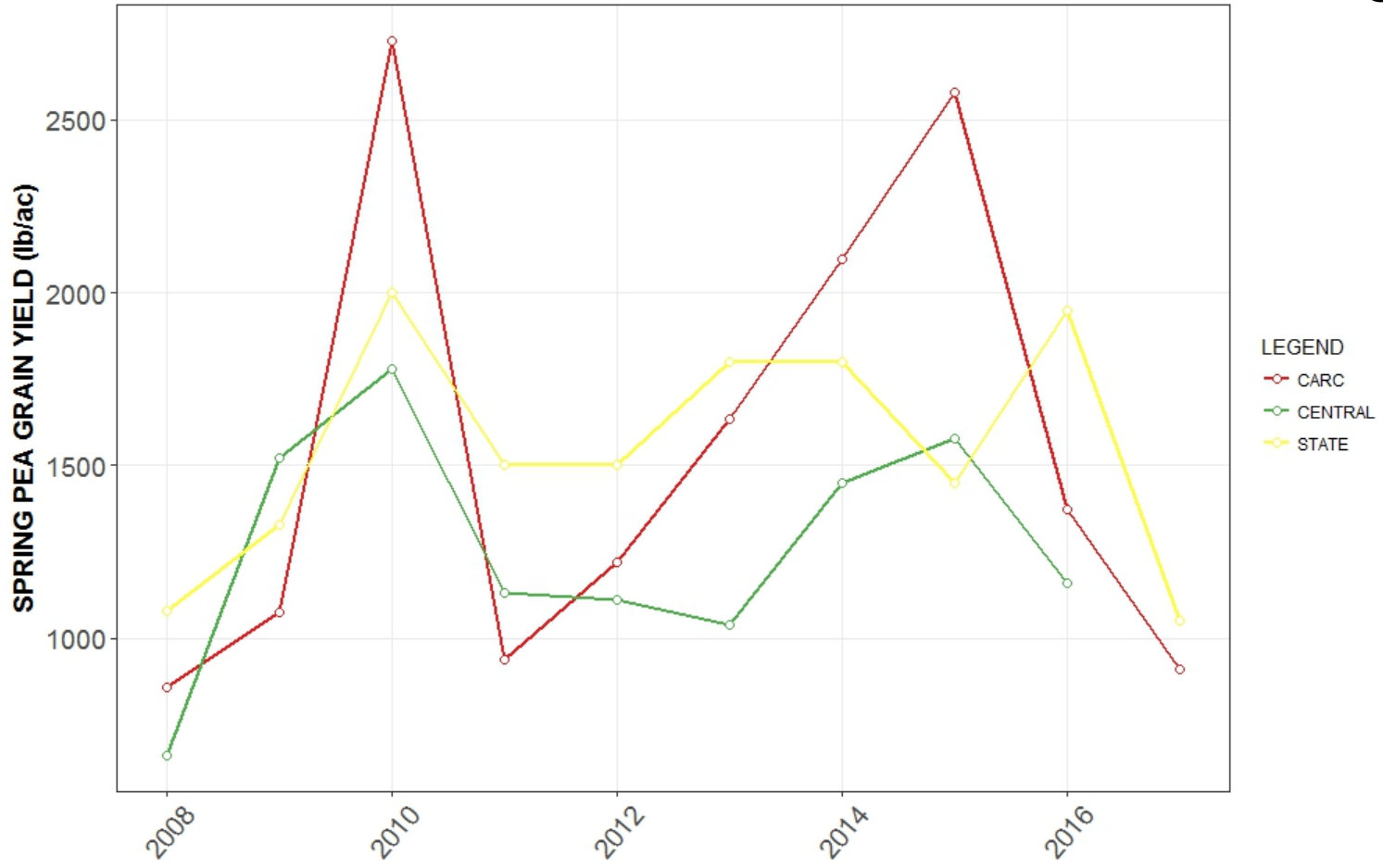


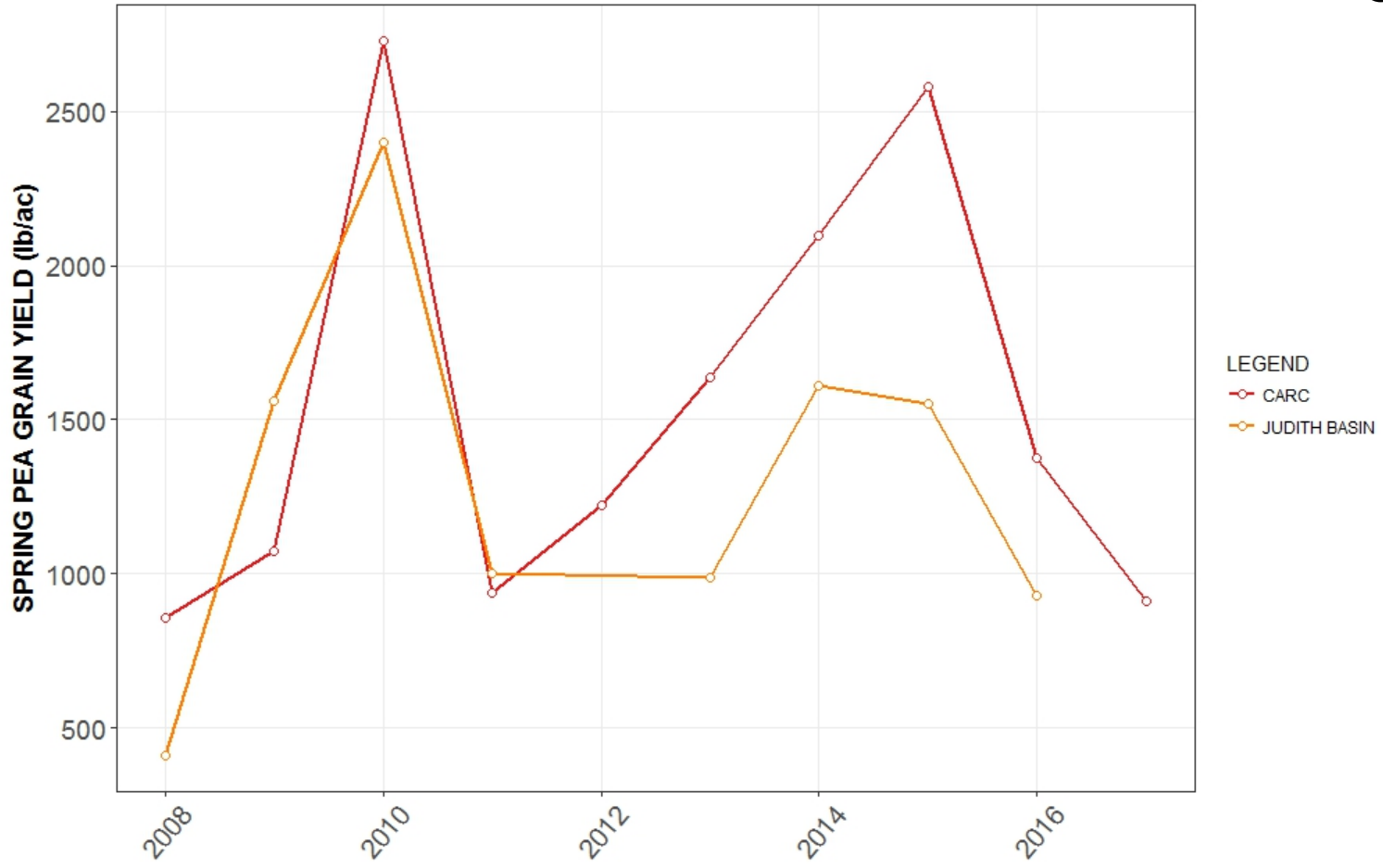
LEGEND
-o- CARC



LEGEND
-○- CARC
-○- STATE

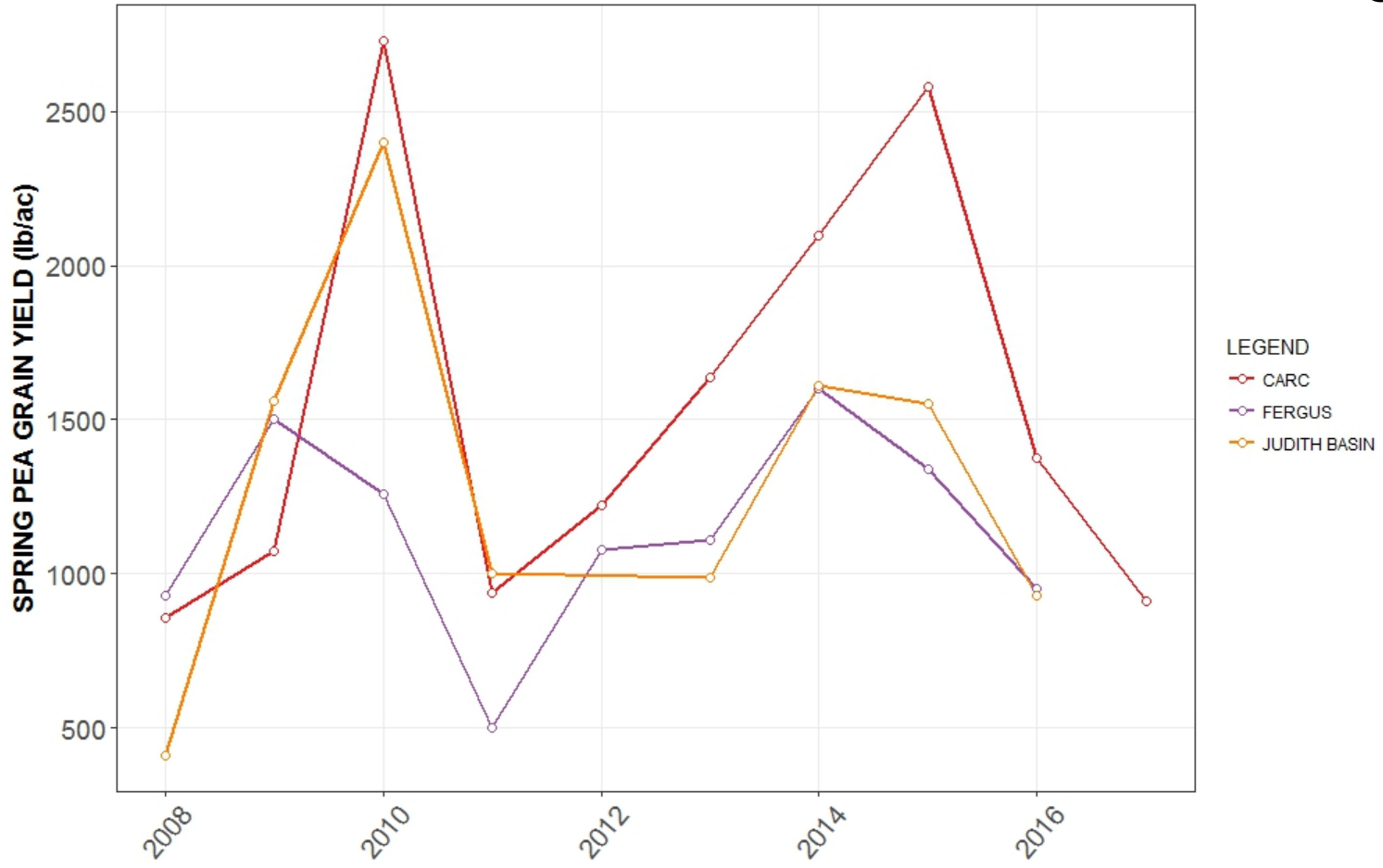


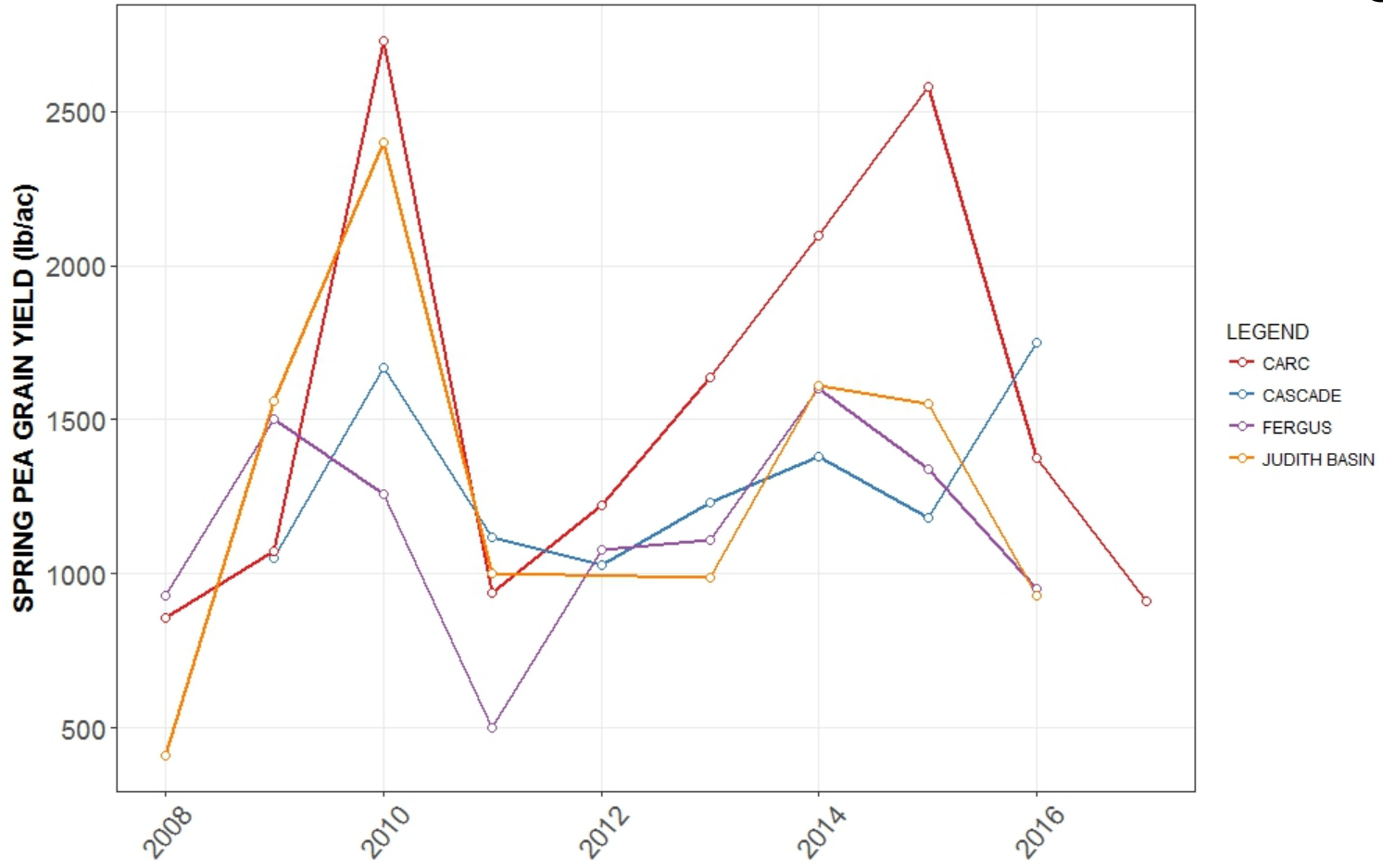


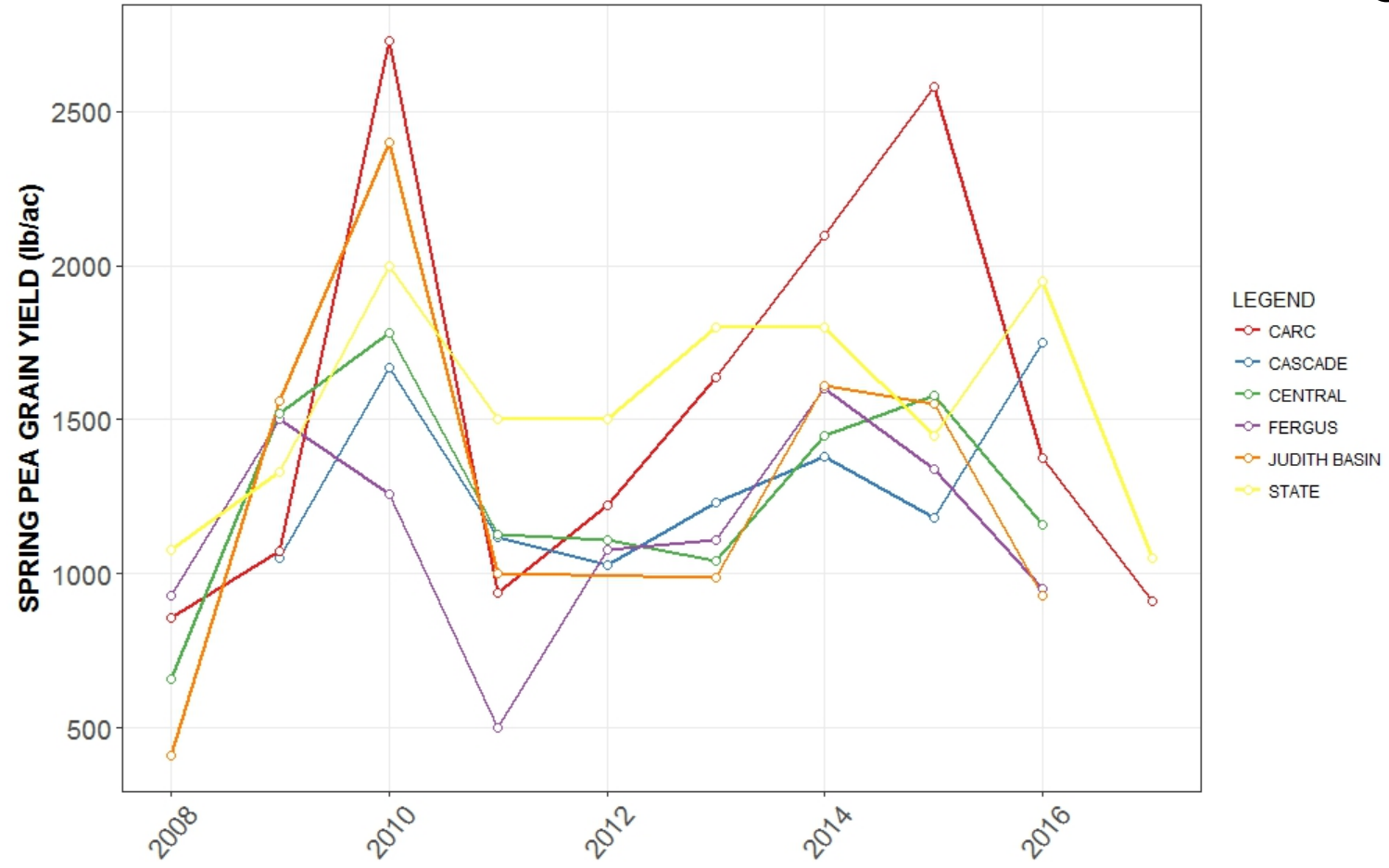


LEGEND
-○- CARC
-○- JUDITH BASIN







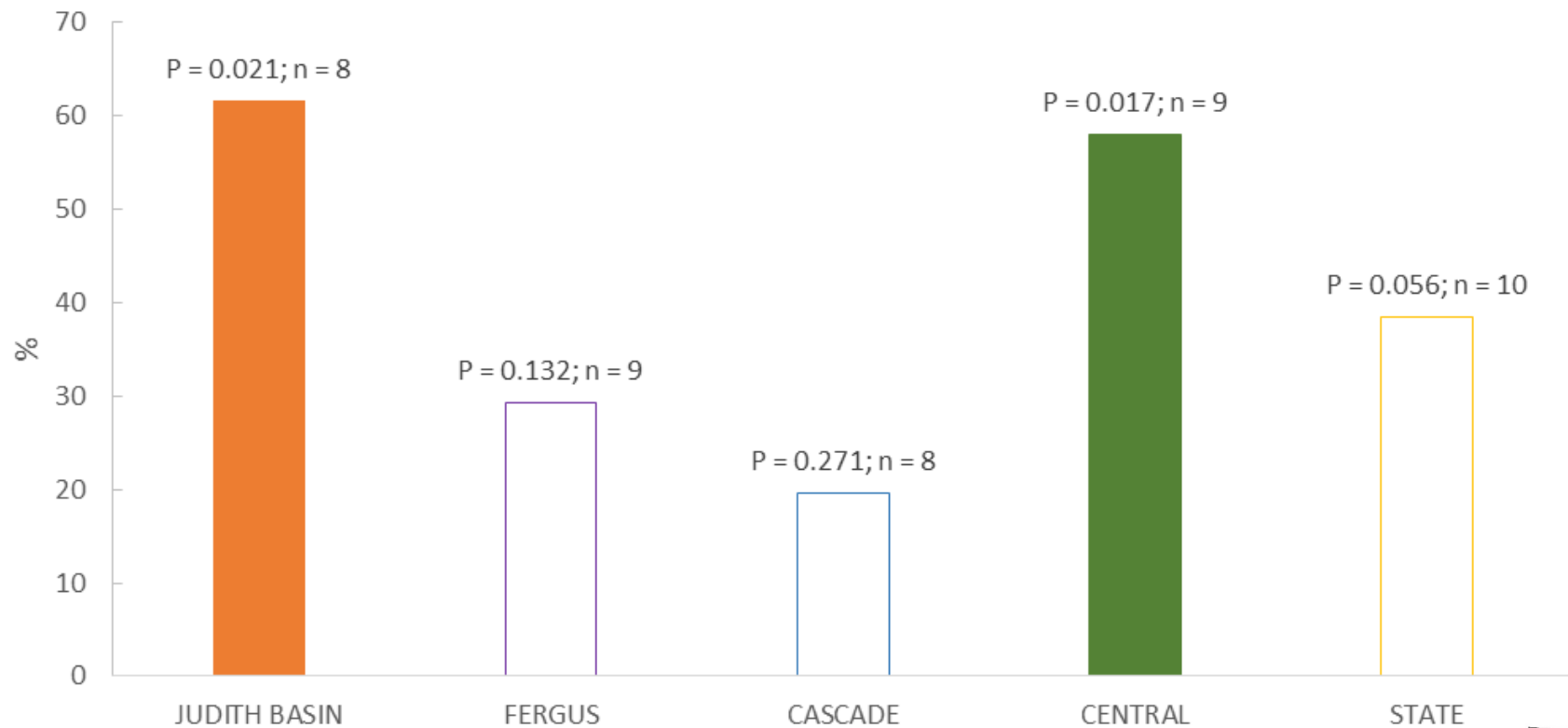


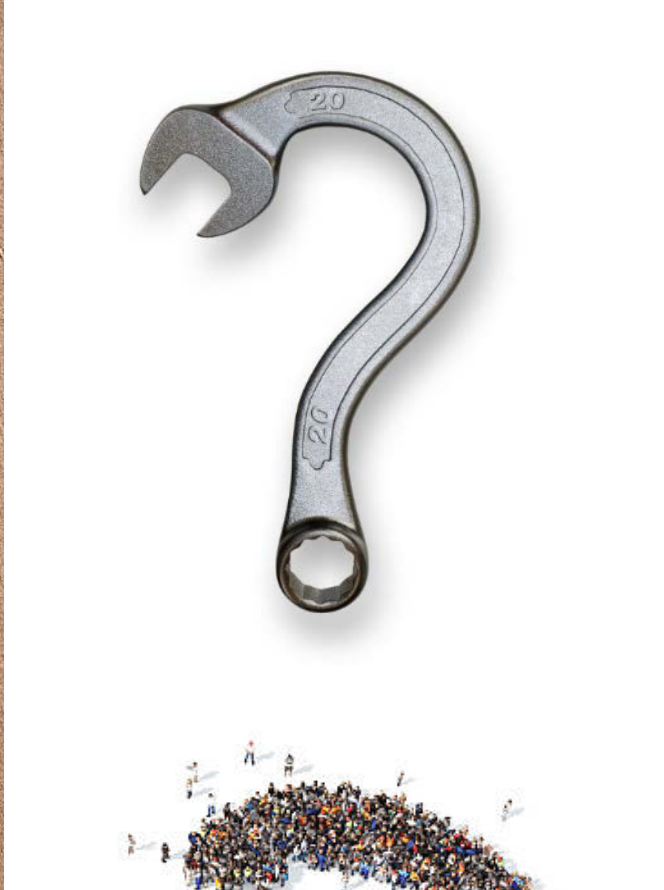
LEGEND
-o- CARC
-o- CASCADE
-o- CENTRAL
-o- FERGUS
-o- JUDITH BASIN
-o- STATE





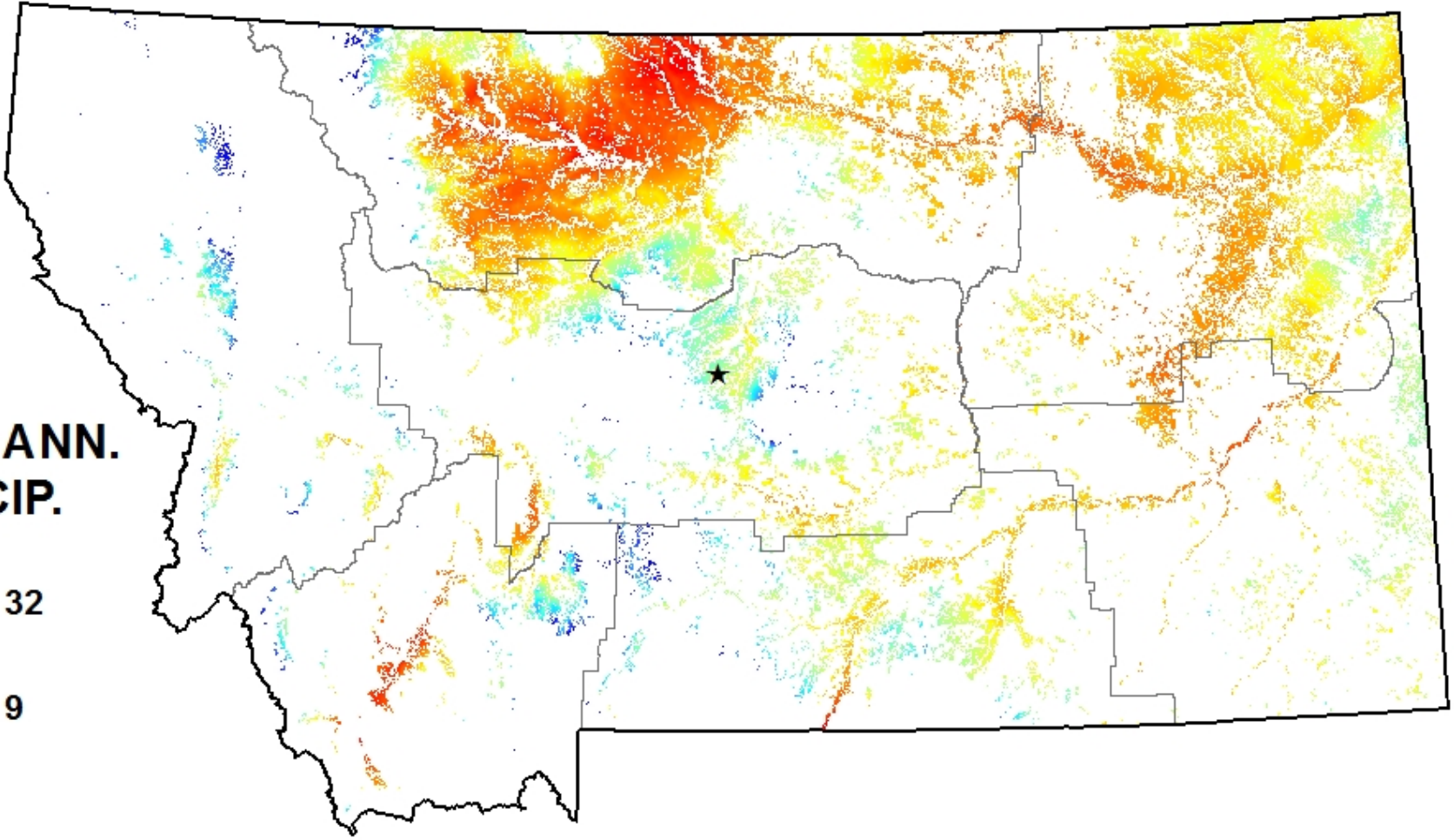
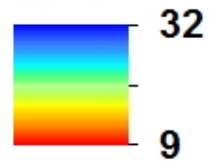
Percent of Variability Explained by Linear Model





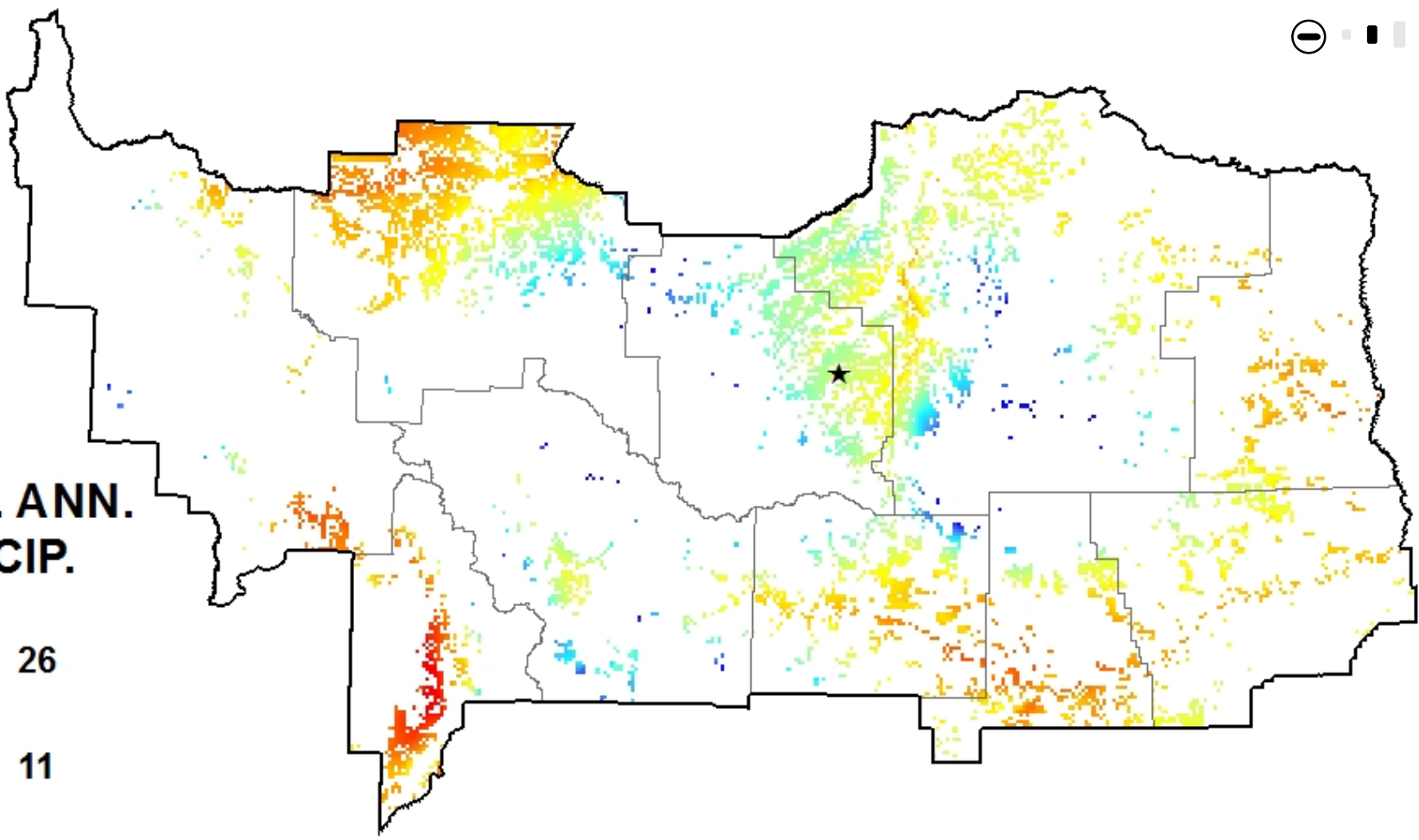
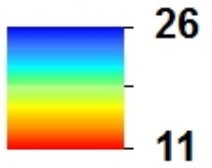


**AVG. ANN.
PRECIP.
(IN)**



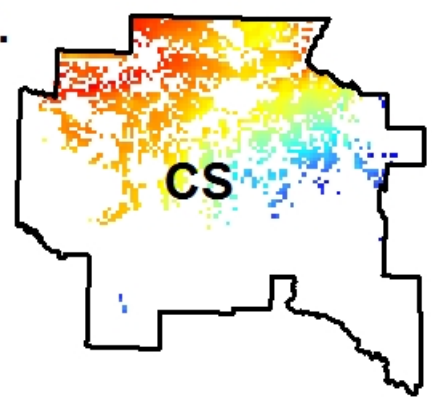
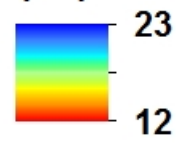


**AVG. ANN.
PRECIP.
(IN)**

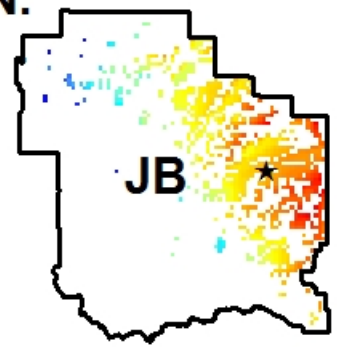
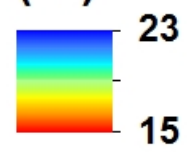




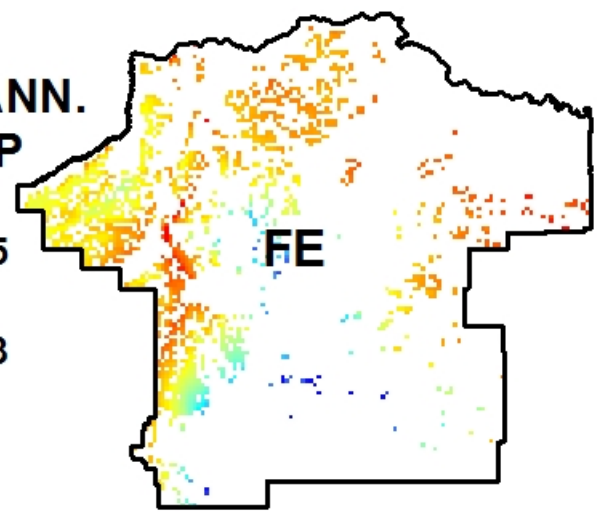
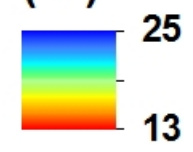
**AVG. ANN.
PRECIP.
(IN)**



**AVG. ANN.
PRECIP.
(IN)**

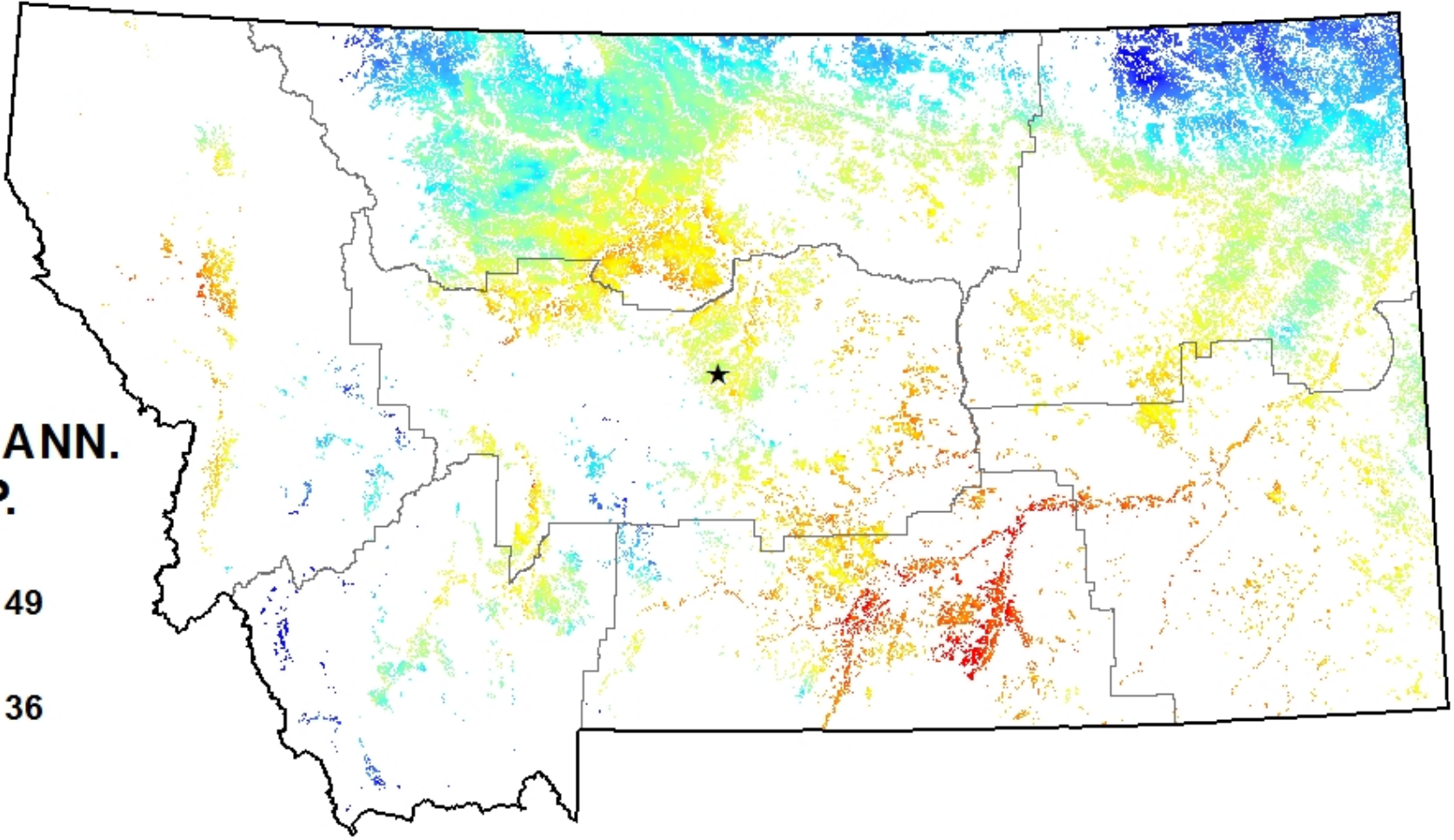
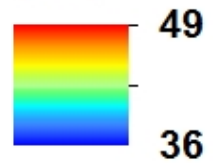


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(IN)**



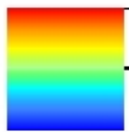


**AVG. ANN.
TEMP.
(°F)**



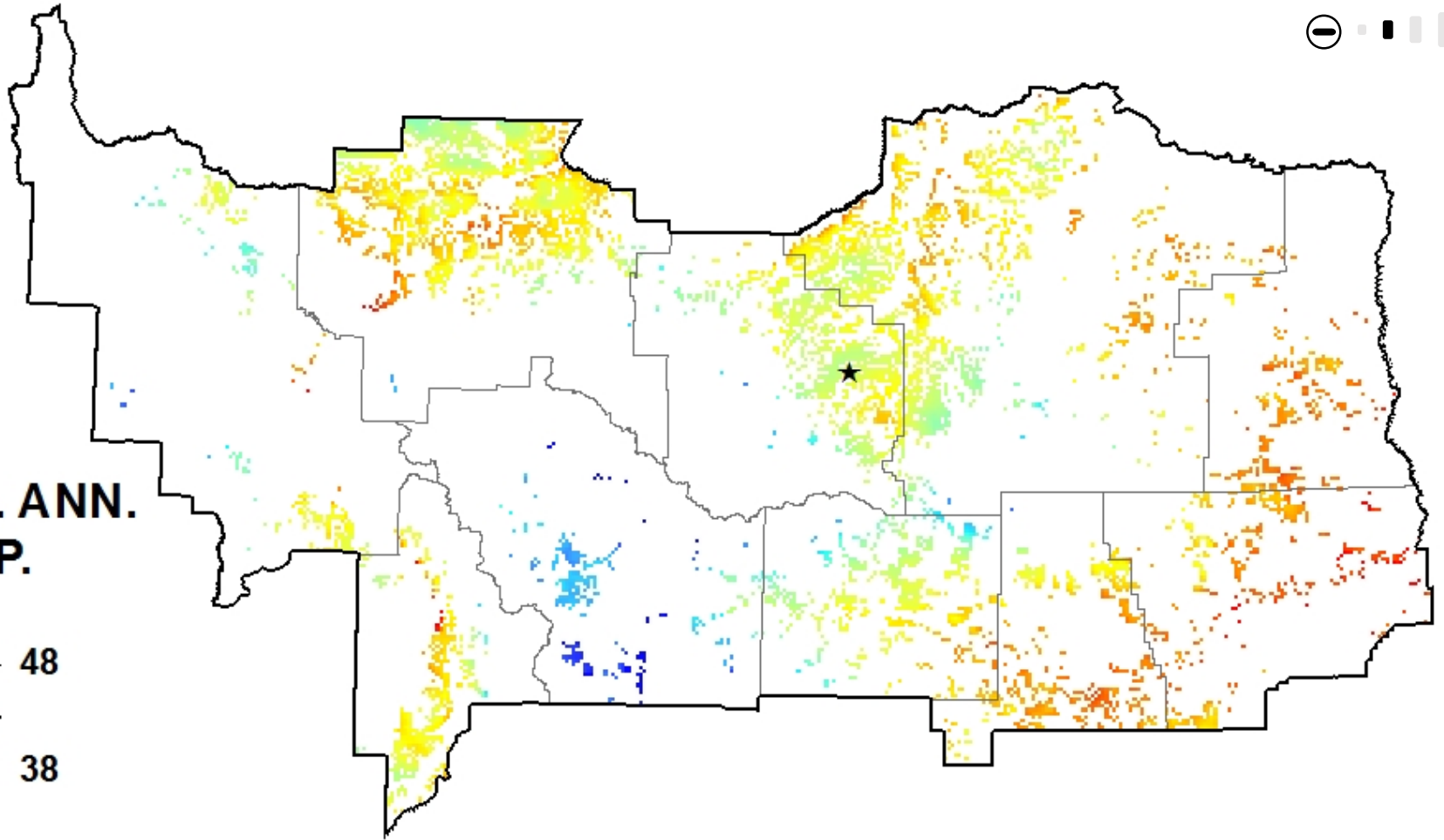


**AVG. ANN.
TEMP.
(°F)**



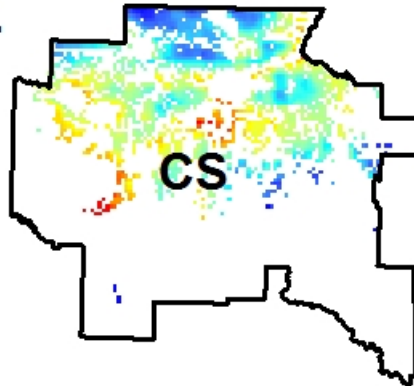
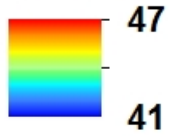
48

38

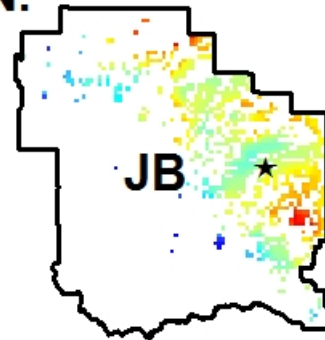
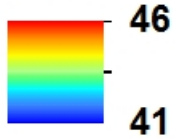




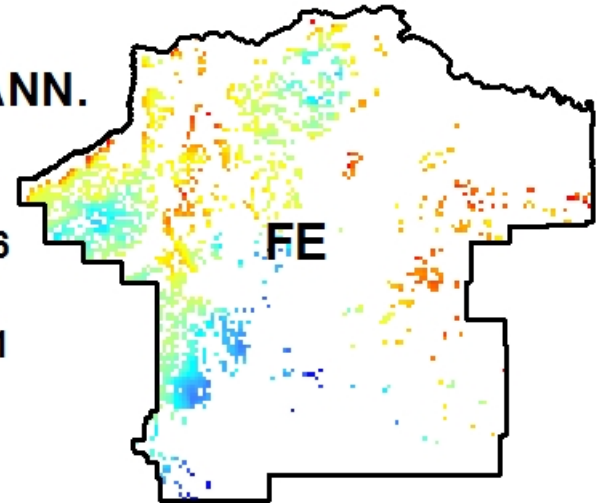
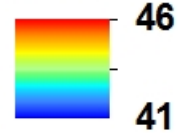
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TEMP.
(°F)**

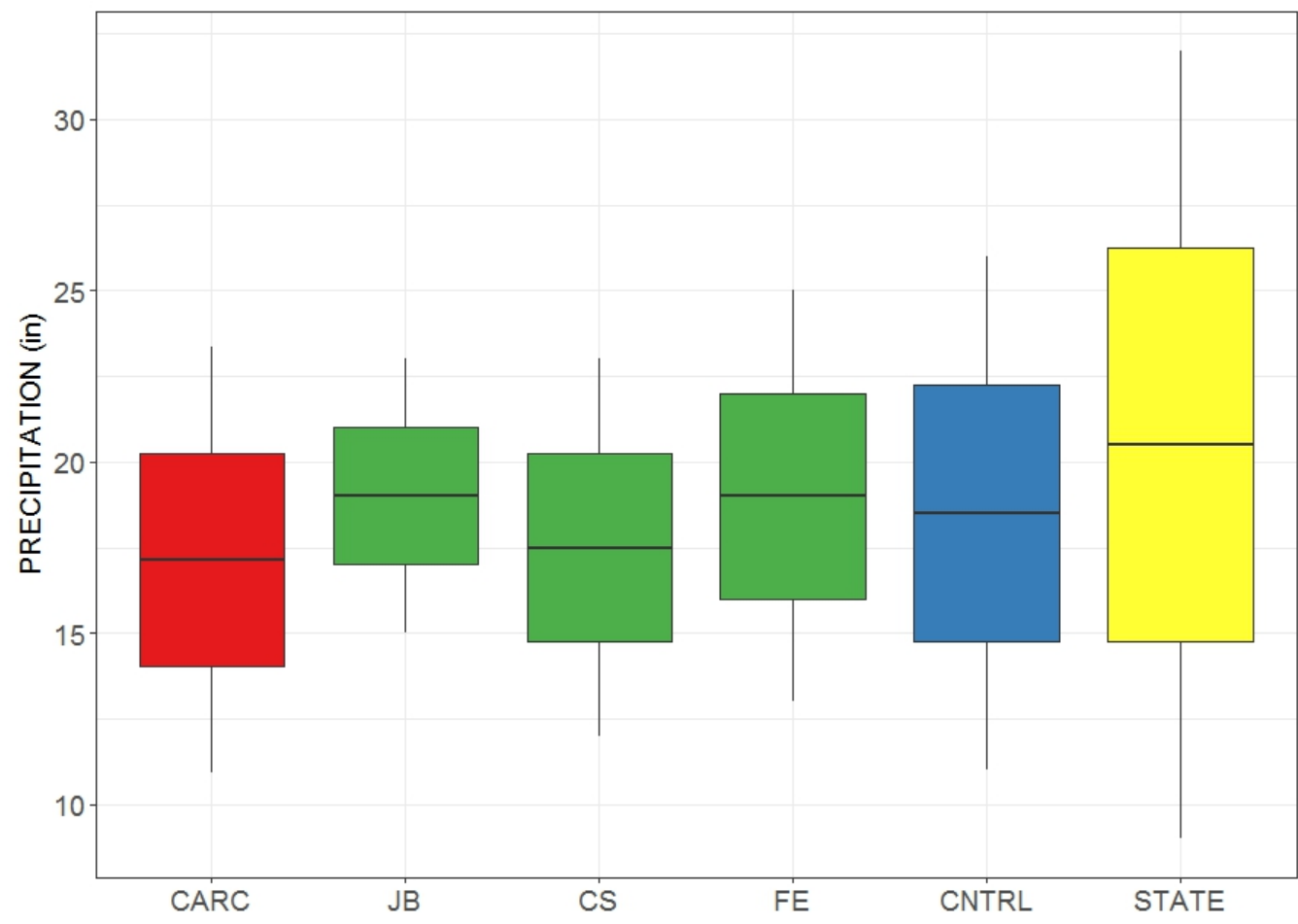


**AVG. ANN.
TEMP.
(°F)**



**AVG. ANN.
TEMP.
(°F)**





LEGEND
COUNTY
DISTRICT
LOCAL
STATE

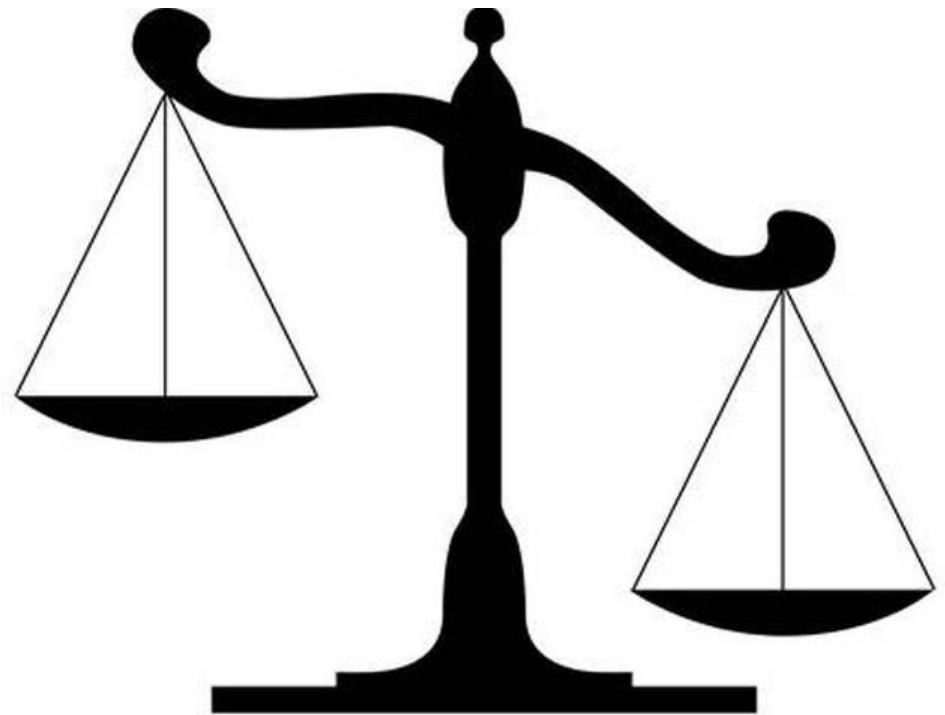




LEGEND
COUNTY
DISTRICT
LOCAL
STATE

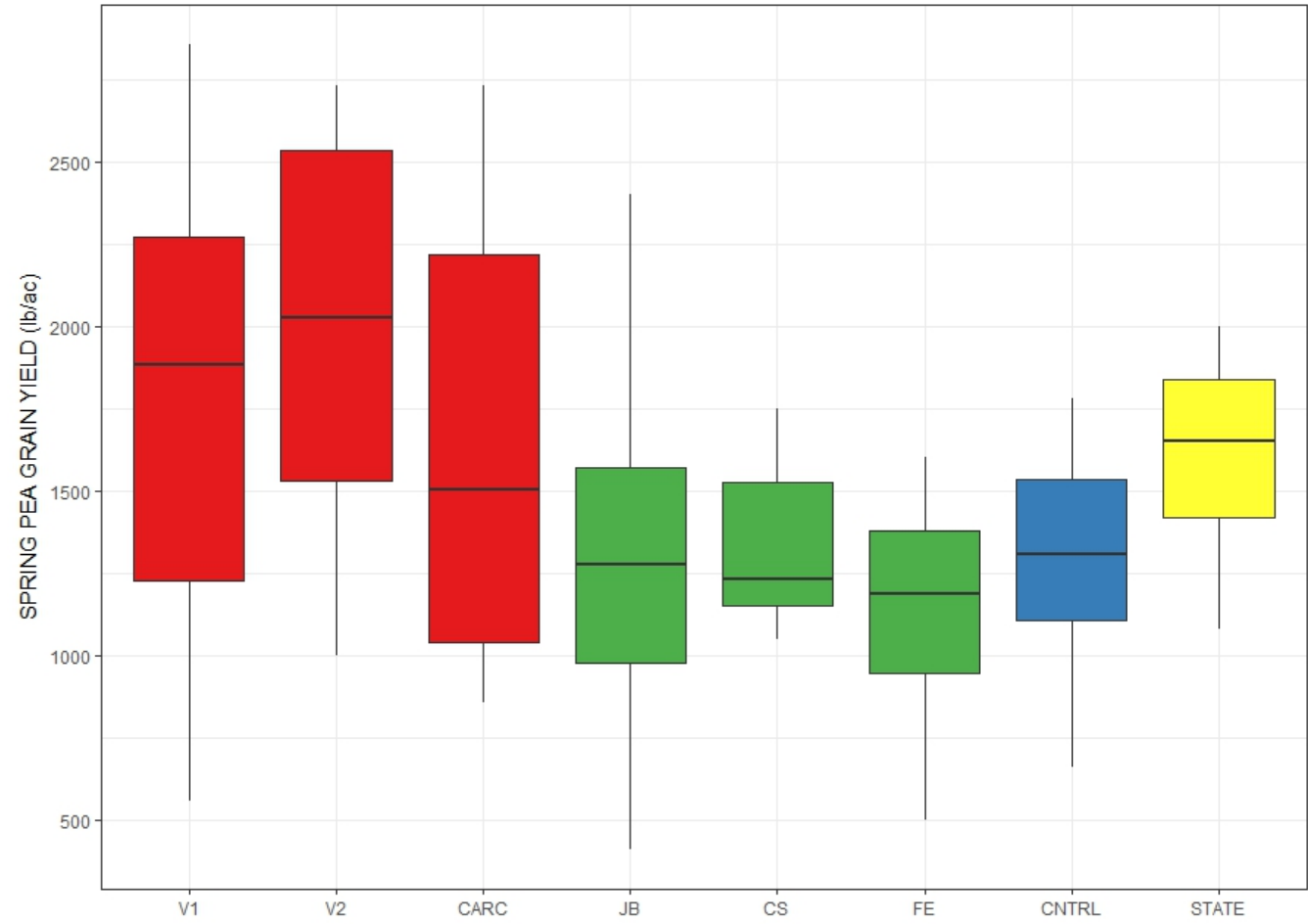


- Orientation
- Performance**
- Economics



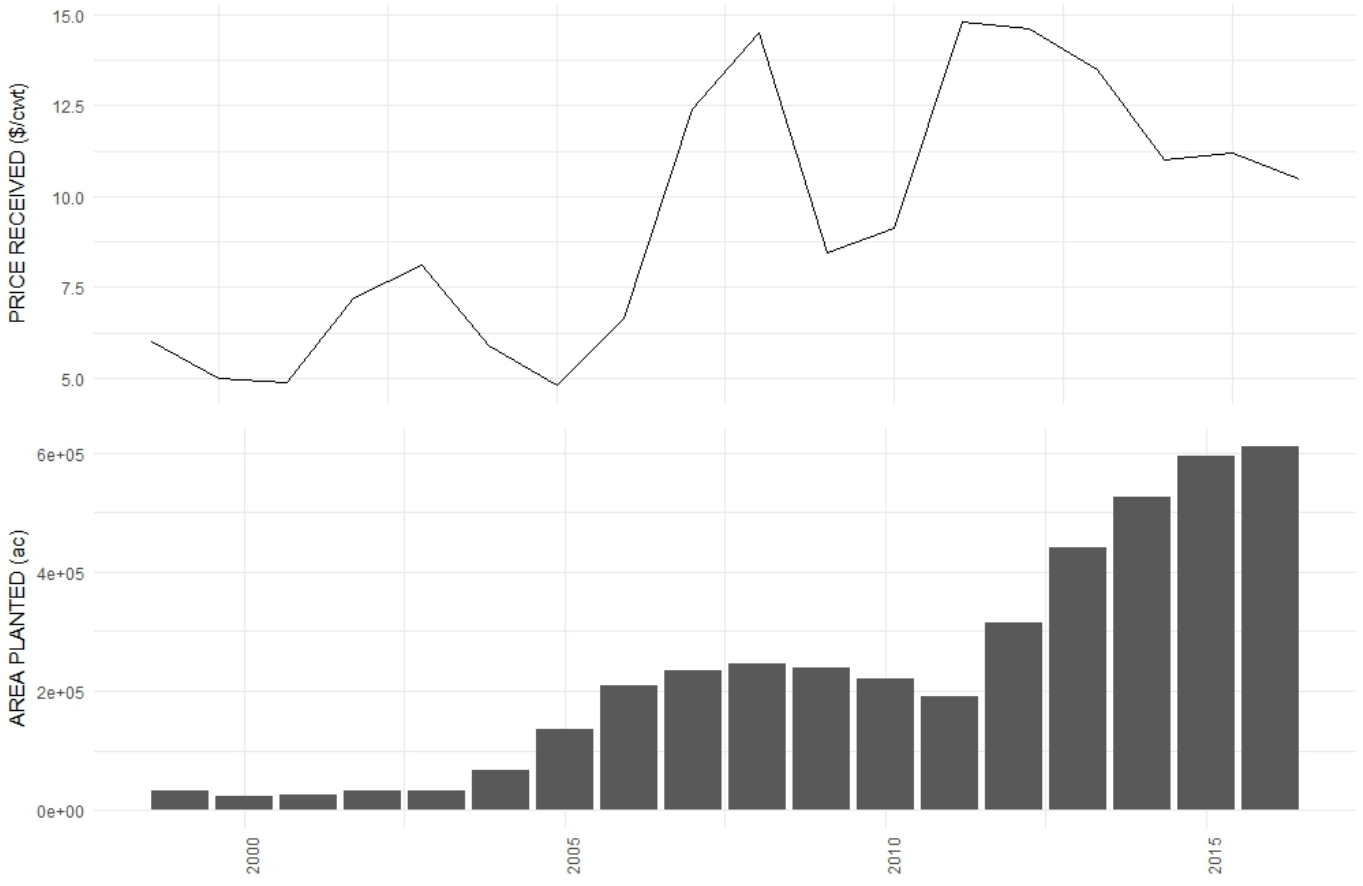


PEA



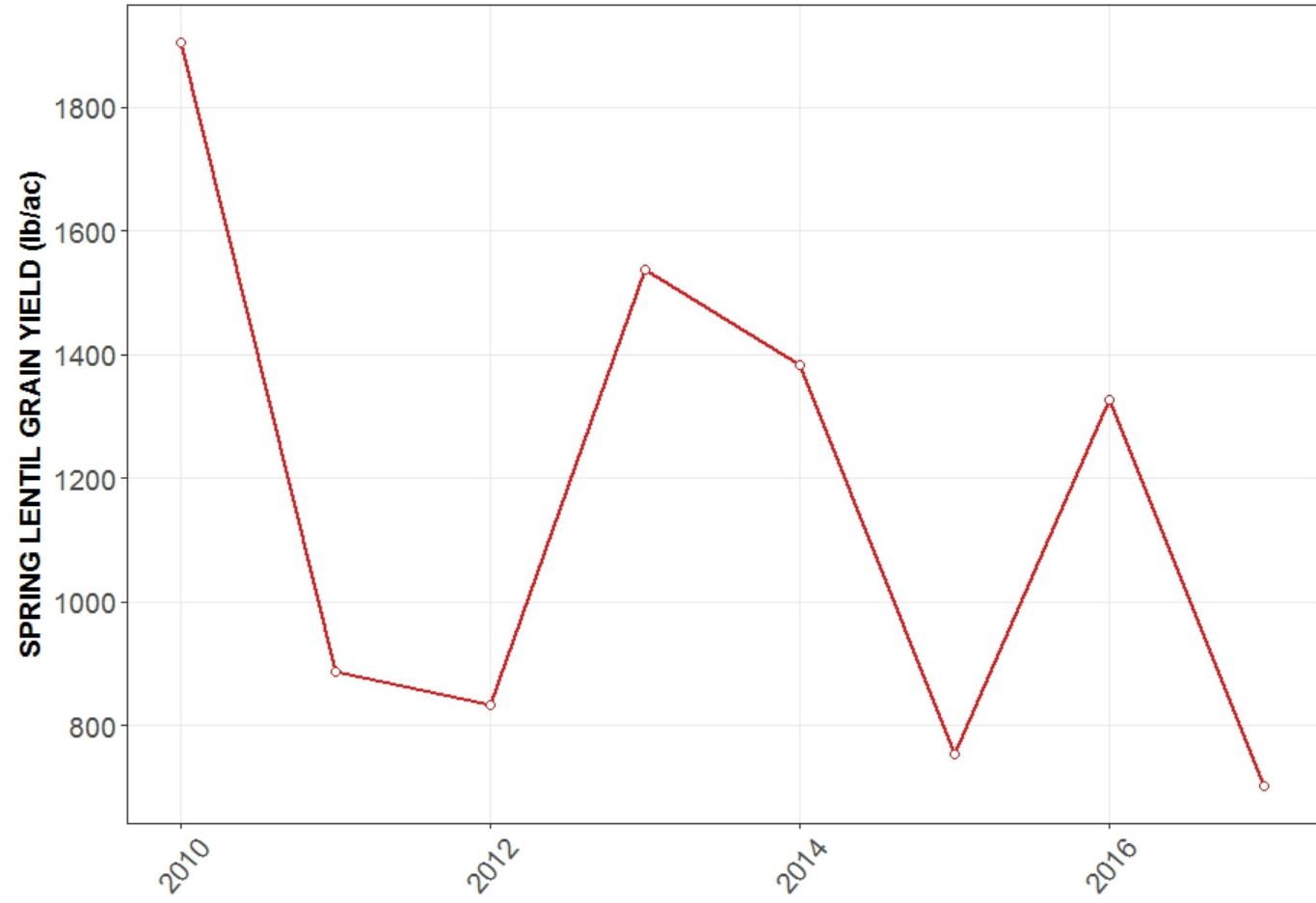
LEGEND
COUNTY
DISTRICT
LOCAL
STATE





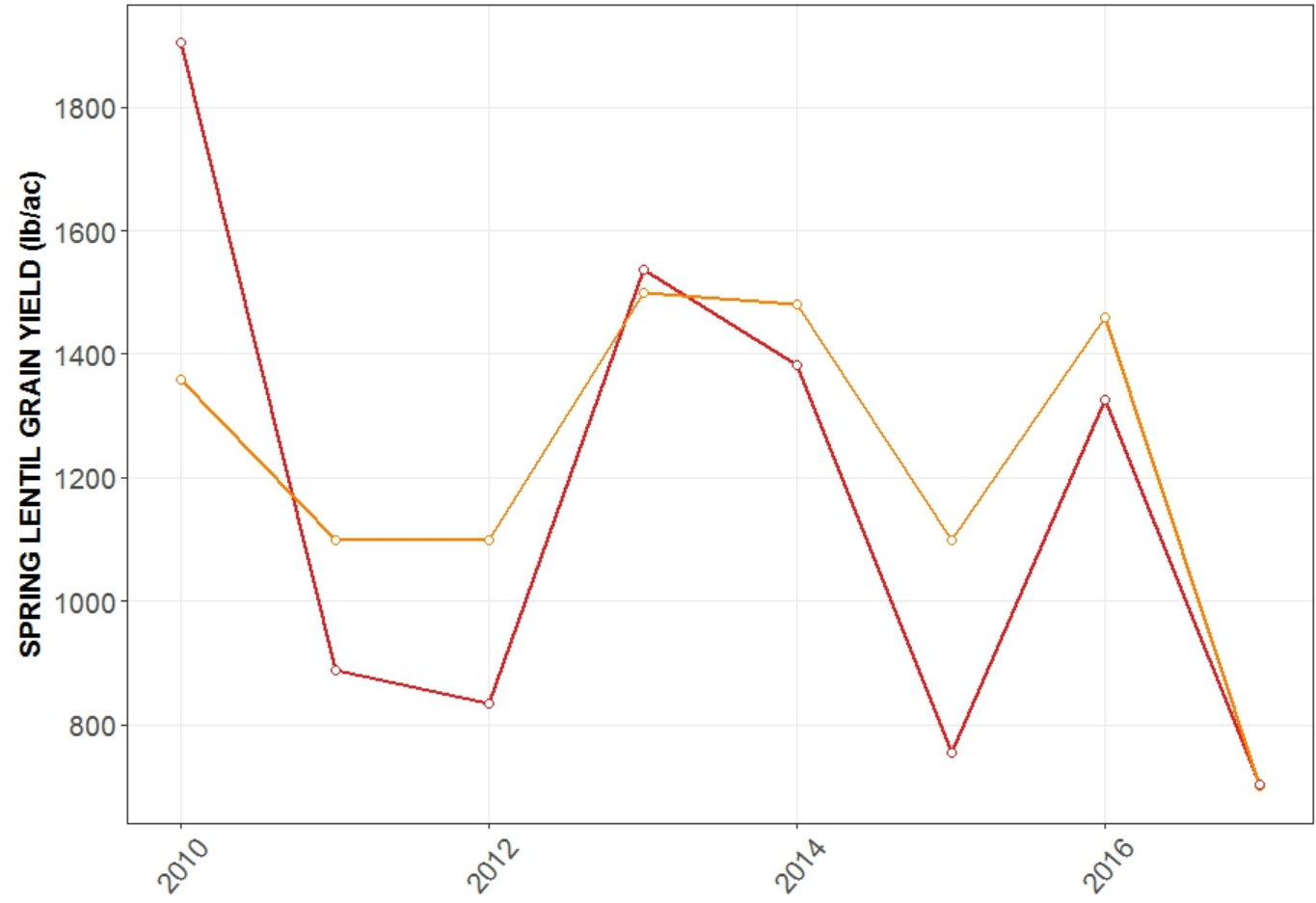


LENTIL



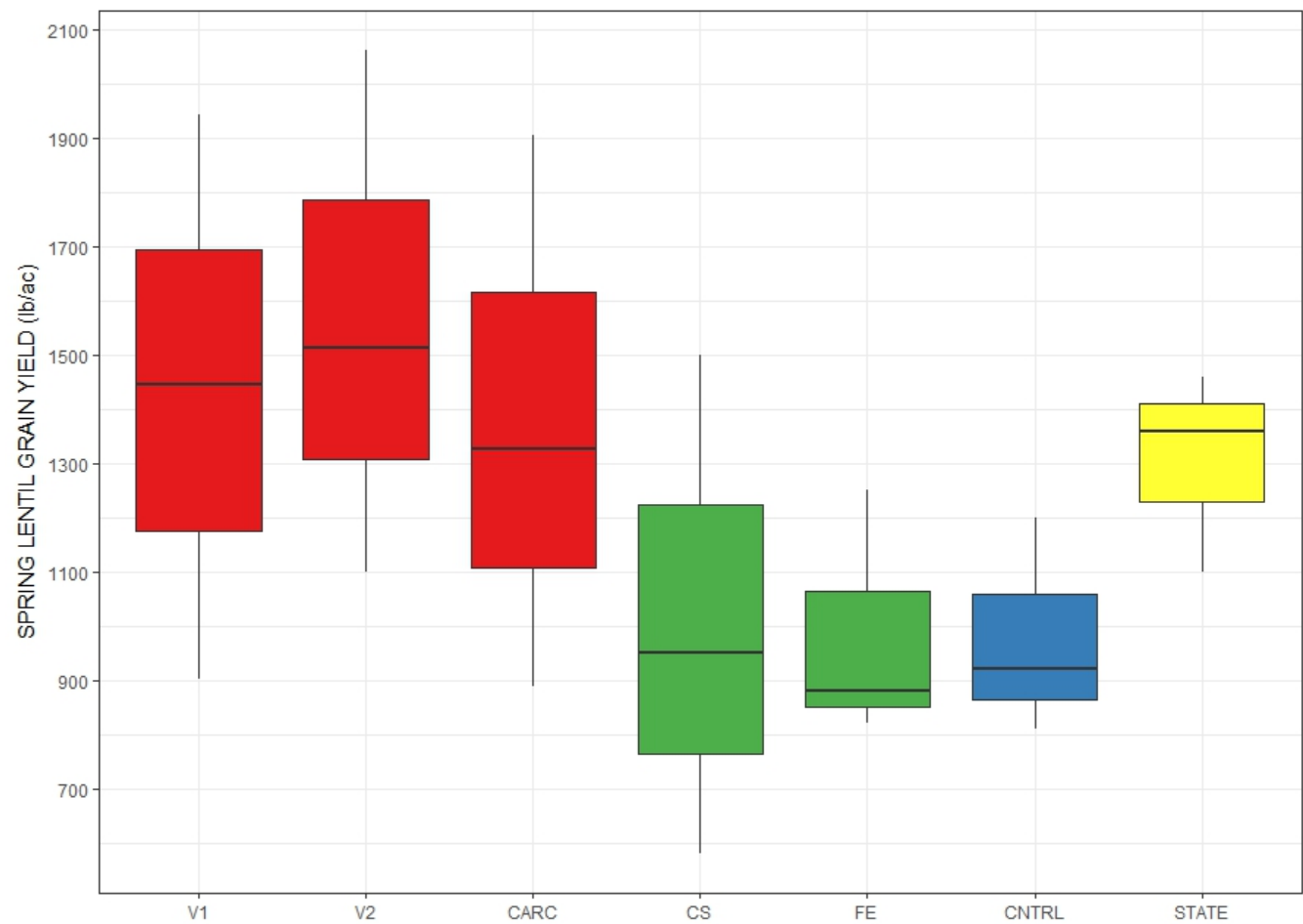
LEGEND
-o- CARC





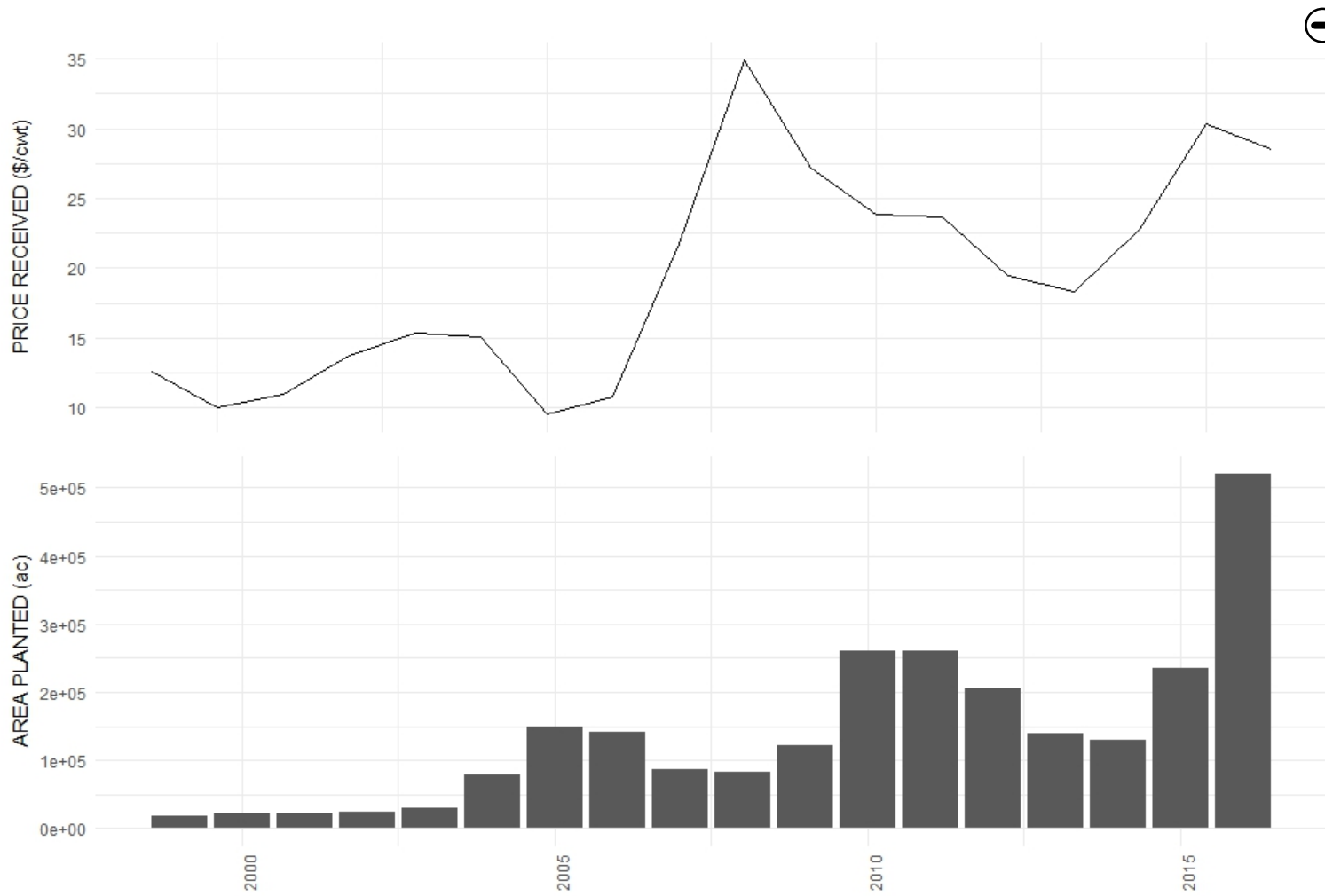
LEGEND
-○- CARC
-○- STATE





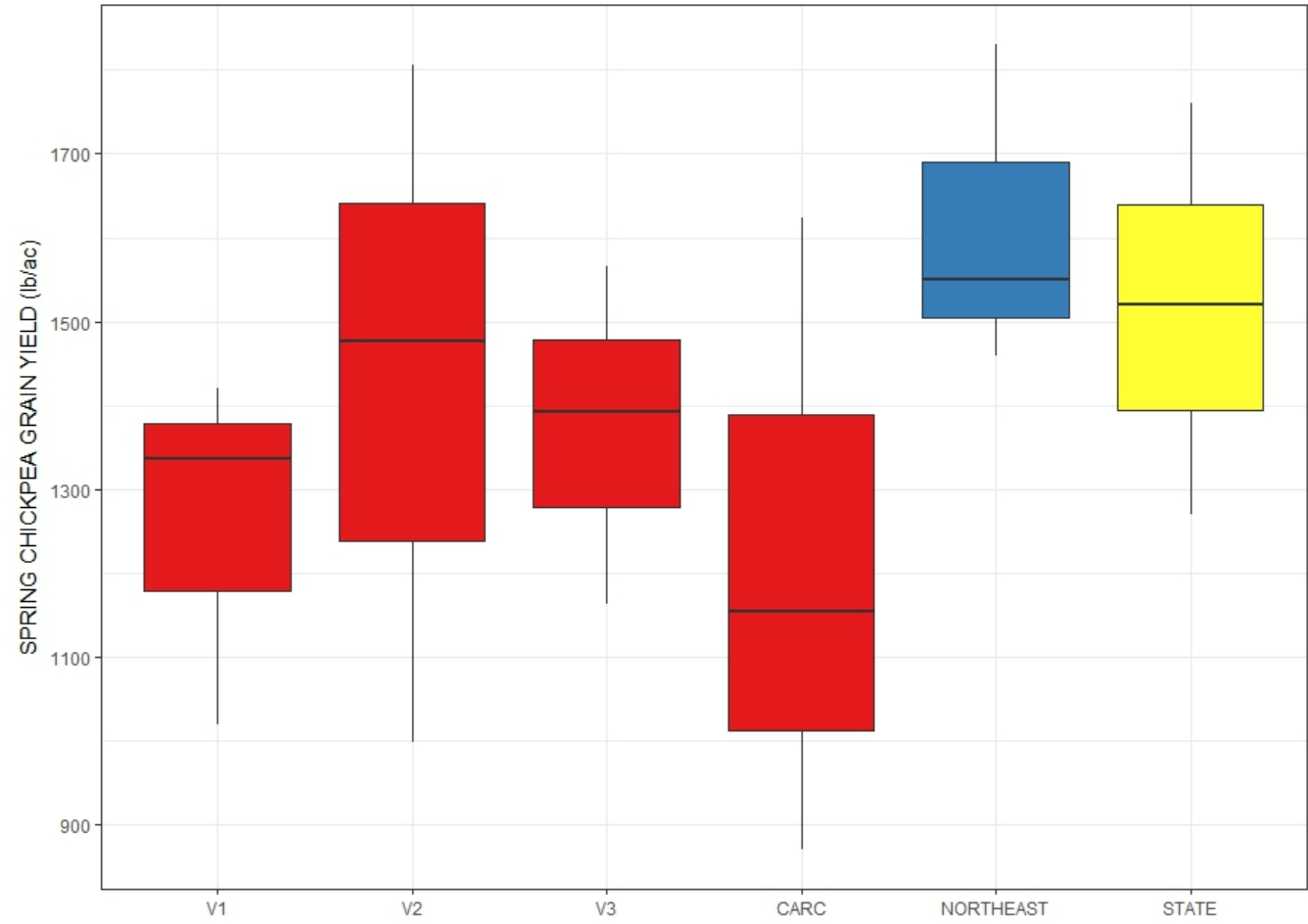
LEGEND
COUNTY
DISTRICT
LOCAL
STATE





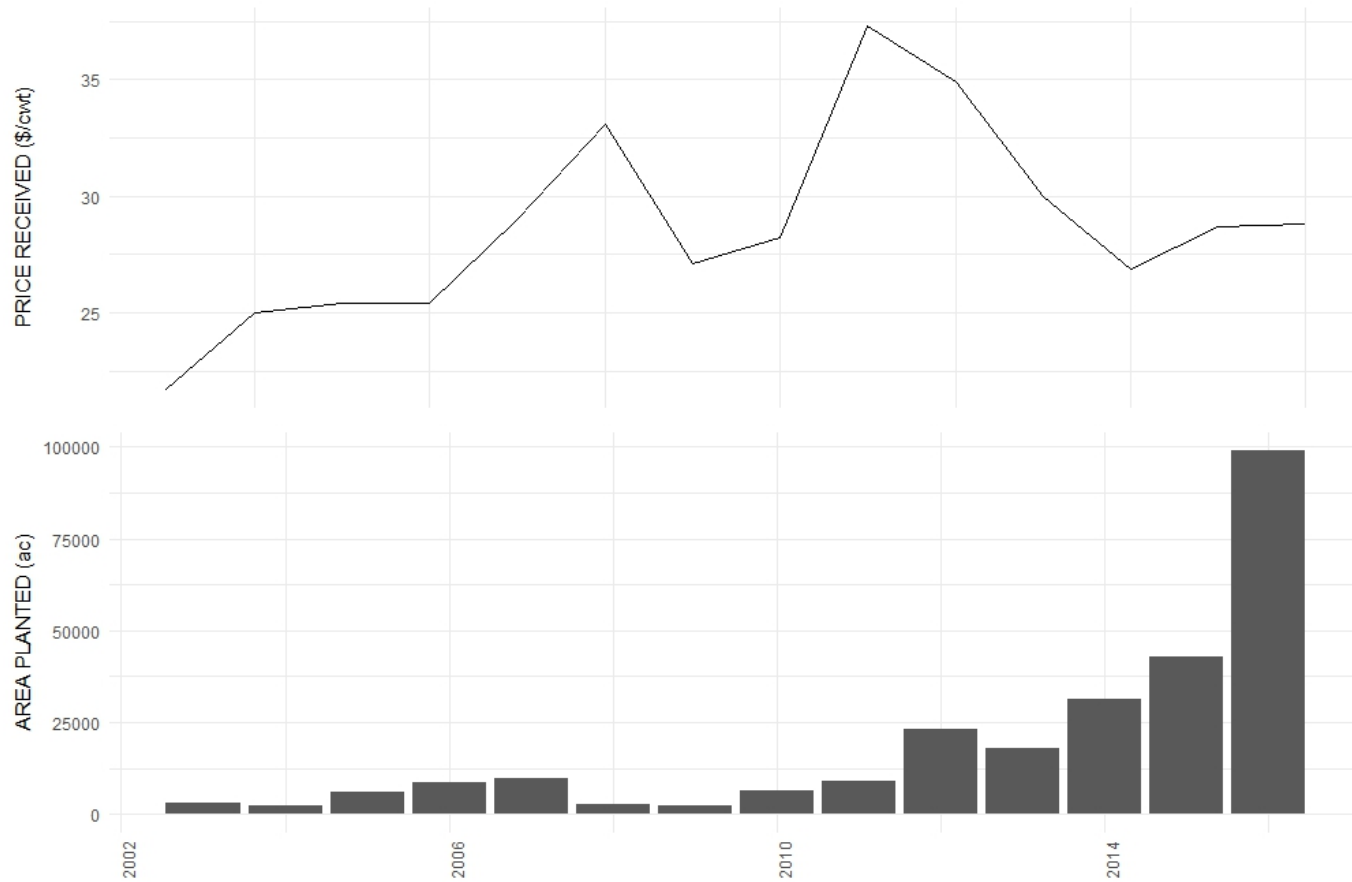


CHICKPEA



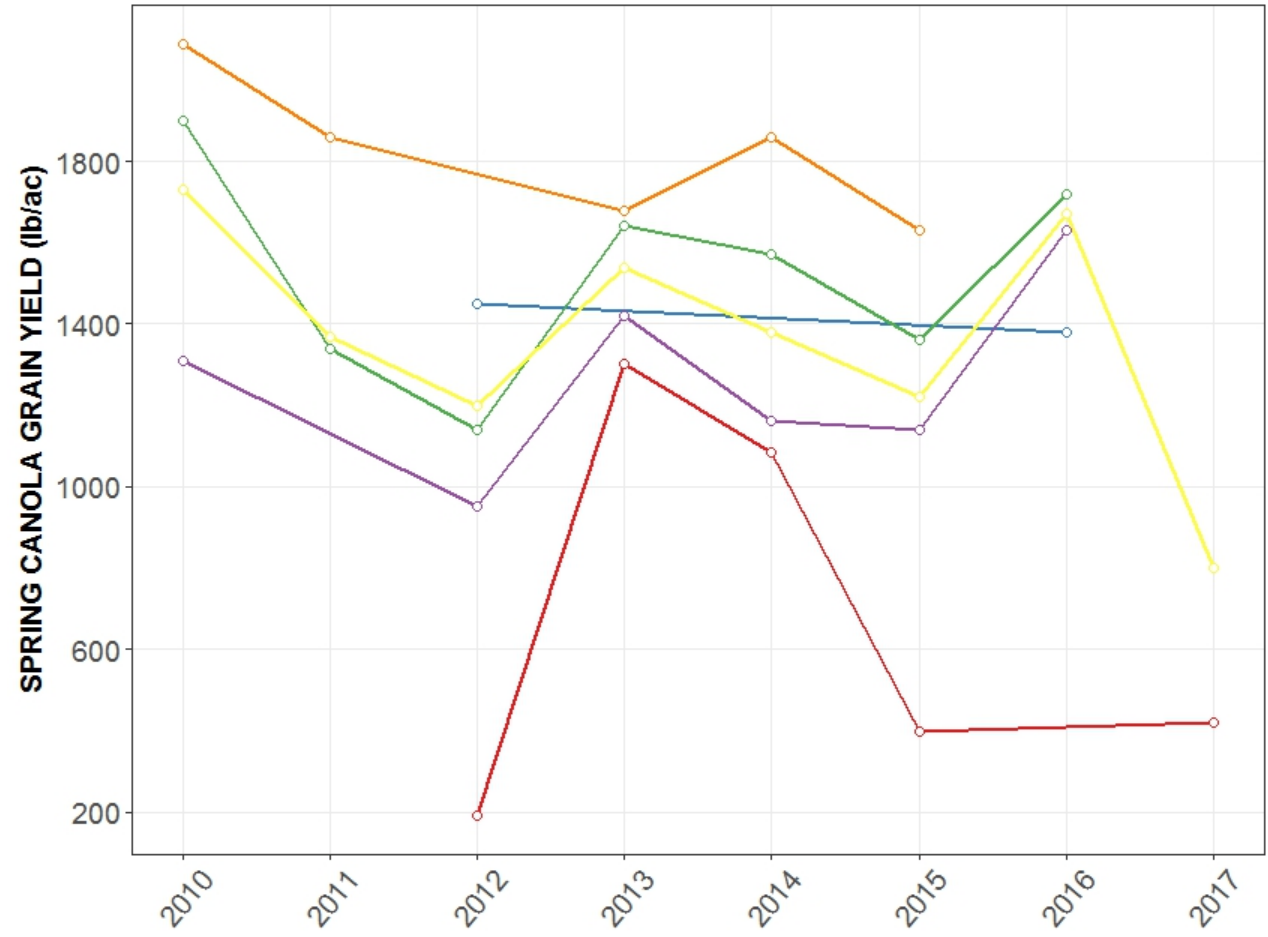
LEGEND
DISTRICT
LOCAL
STATE





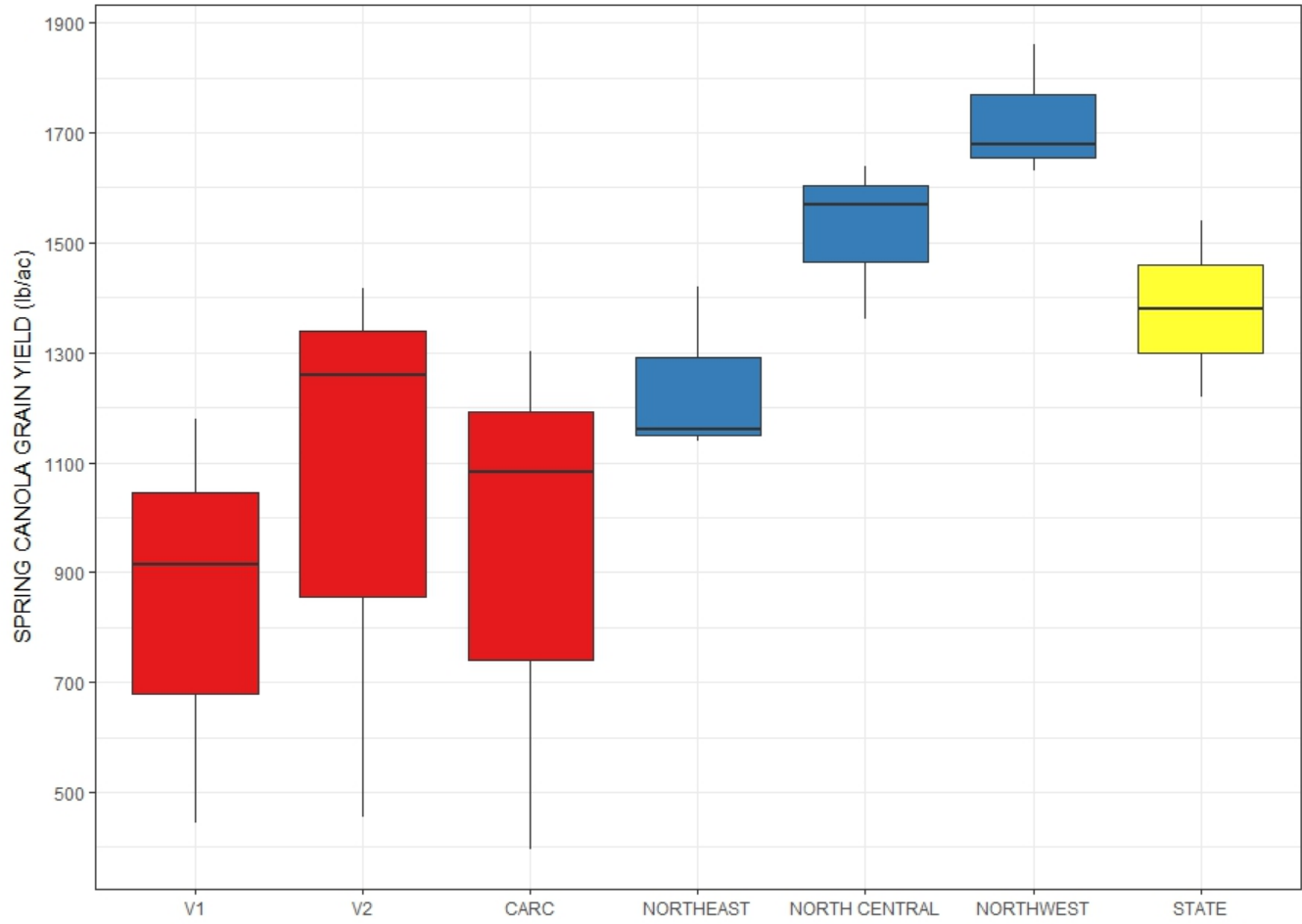


CANOLA



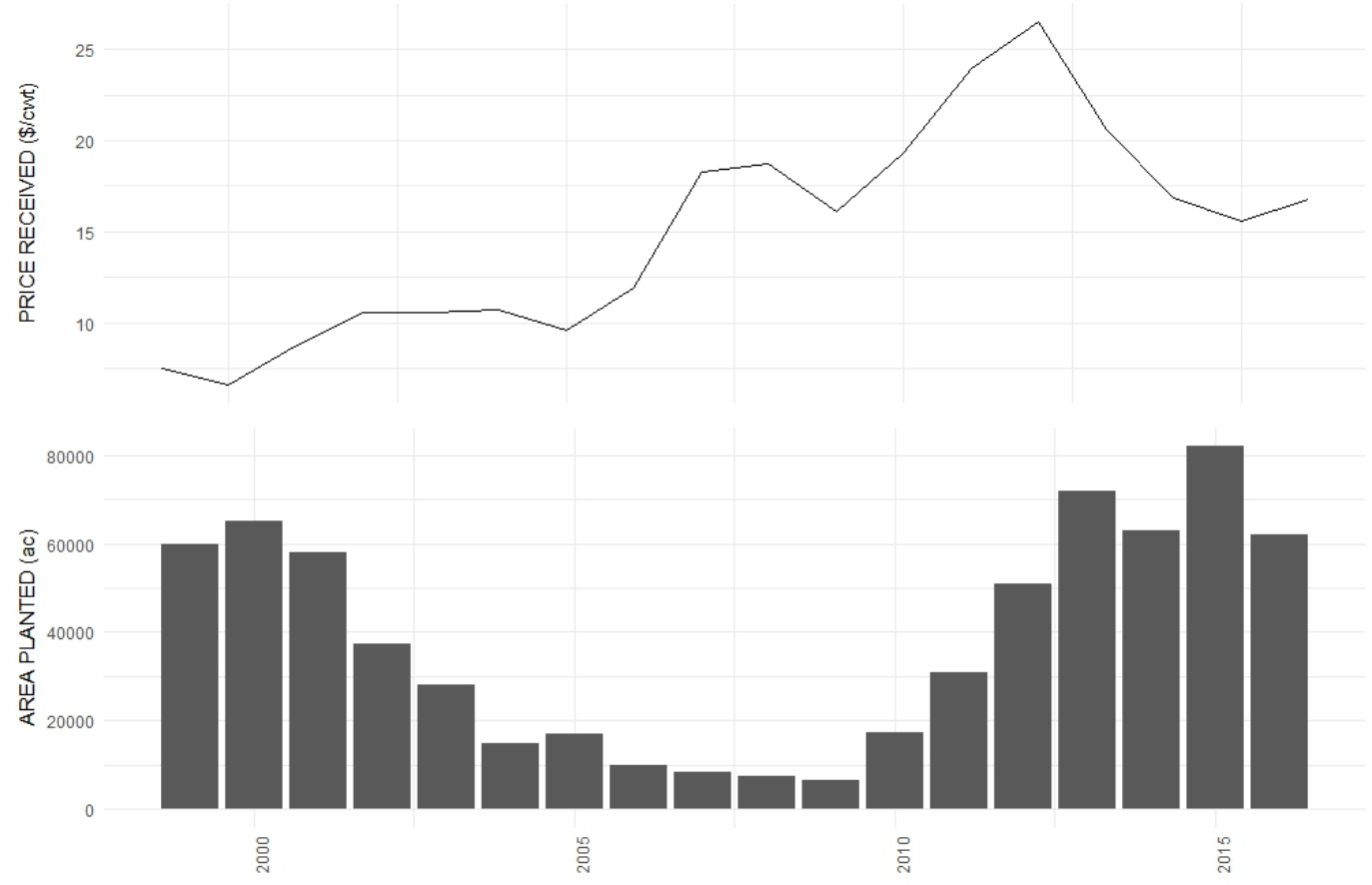
- LEGEND
- CARC
 - CENTRAL
 - NORTH CENTRAL
 - NORTHEAST
 - NORTHWEST
 - STATE

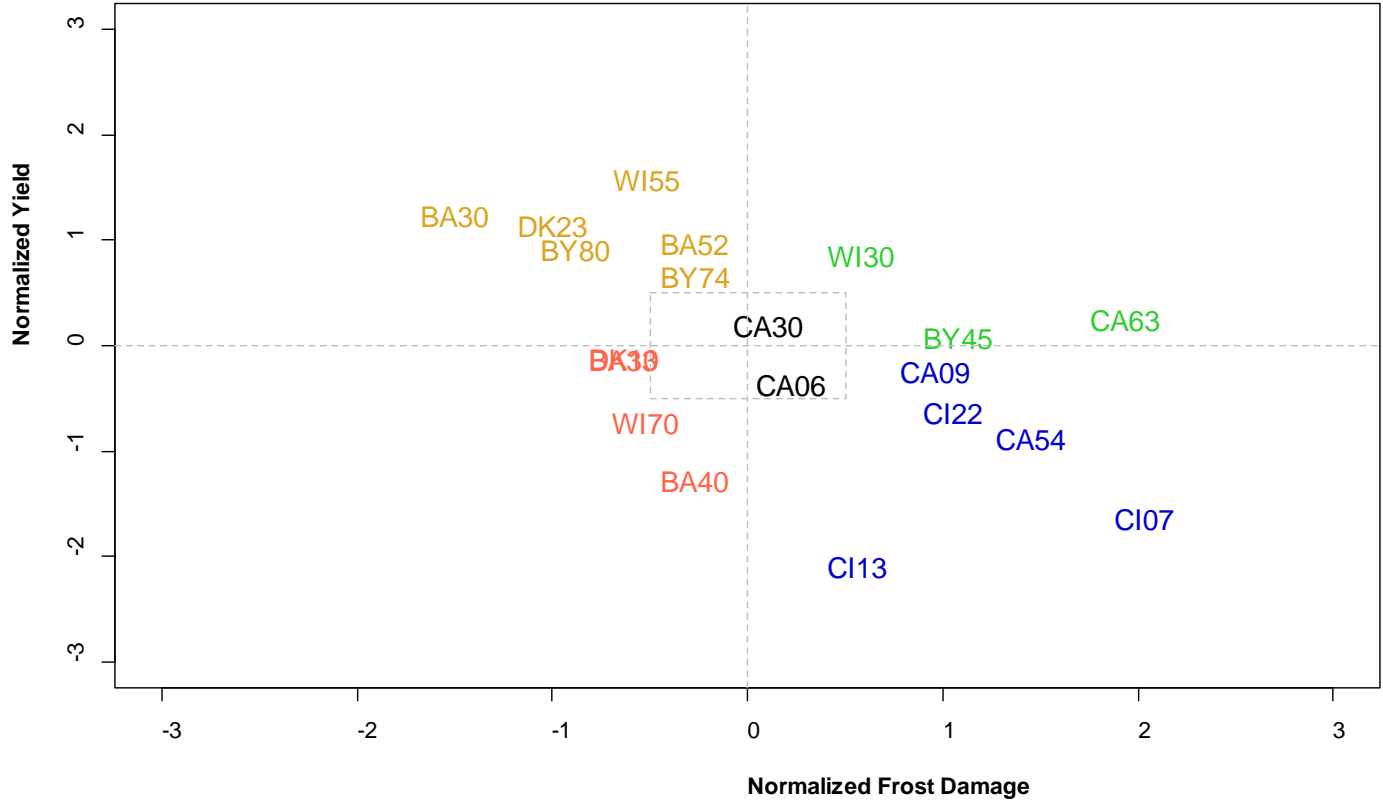




LEGEND
DISTRICT
LOCAL
STATE

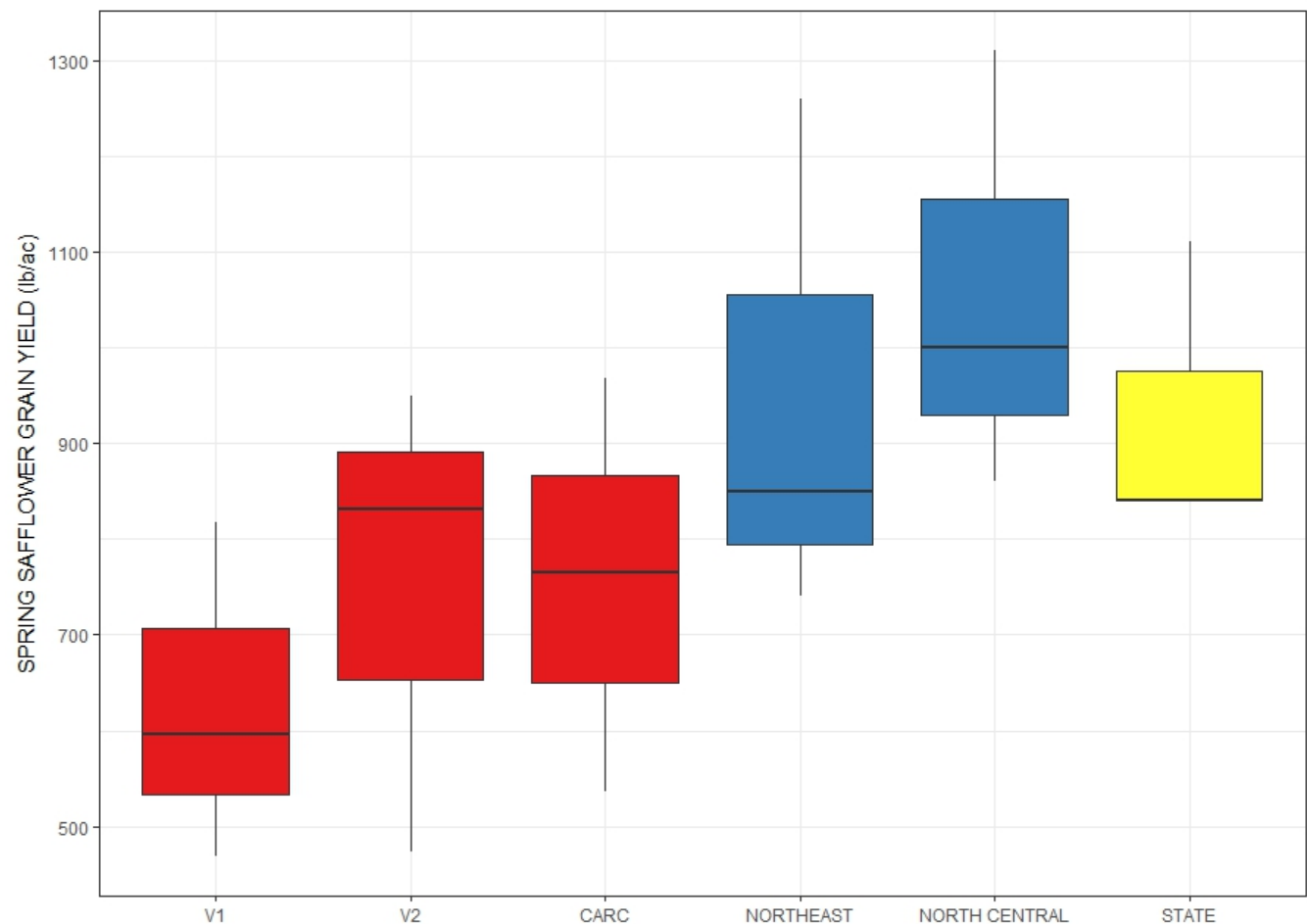






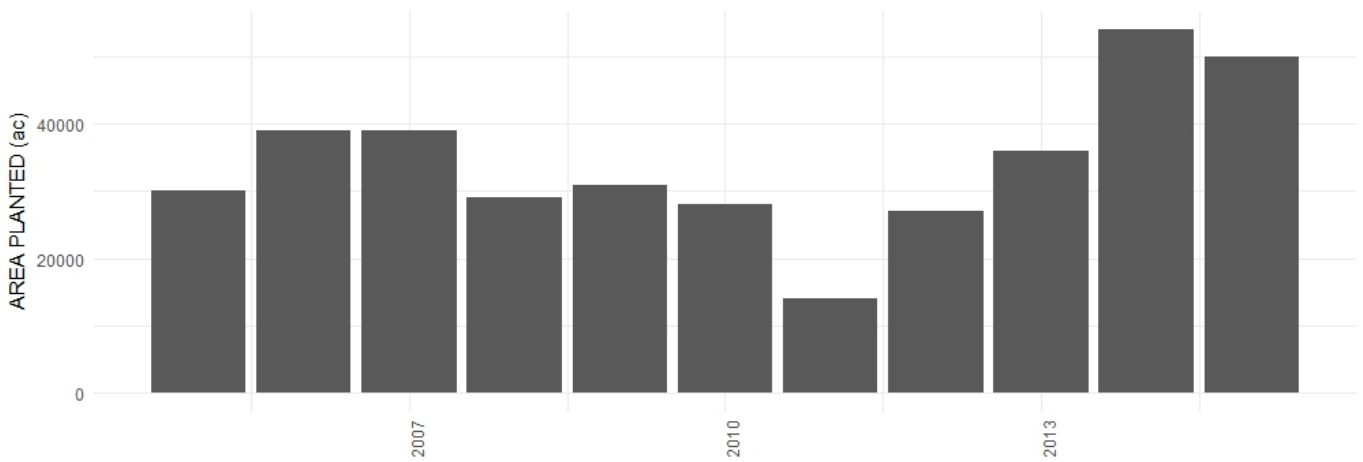


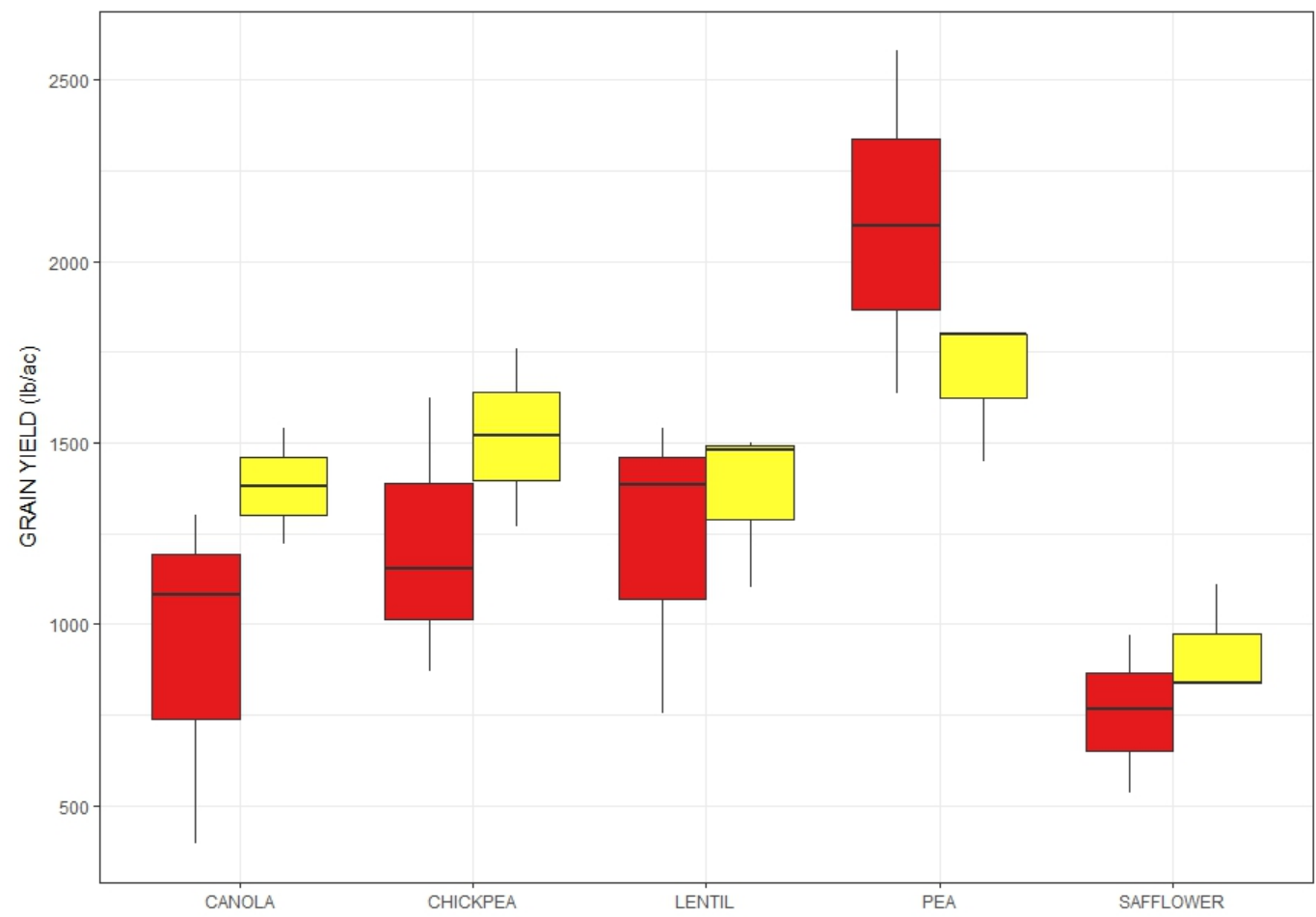
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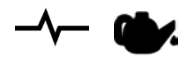
LEGEND
DISTRICT
LOCAL
STATE







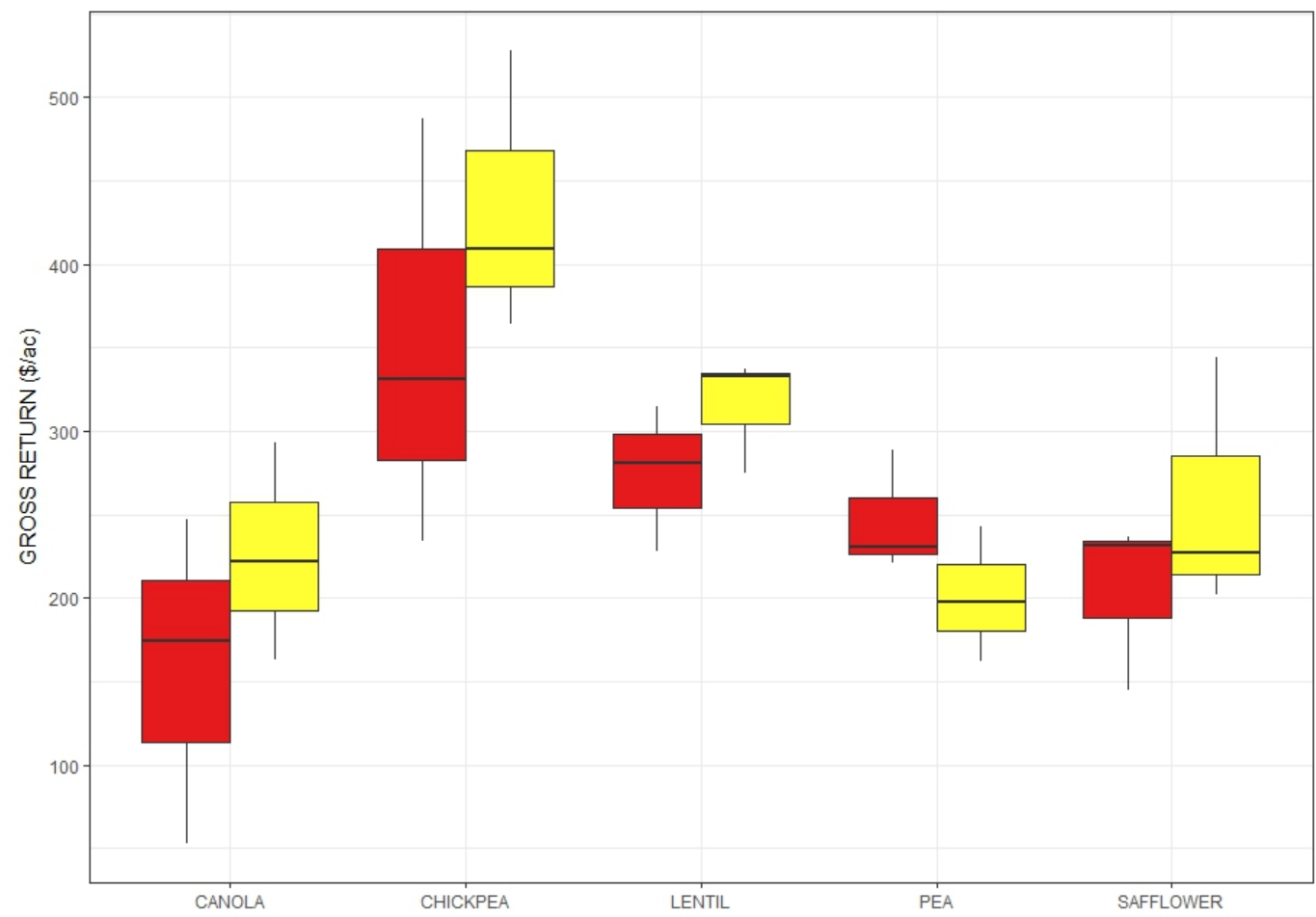
NAME
■ CARC
■ STATE



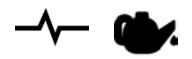


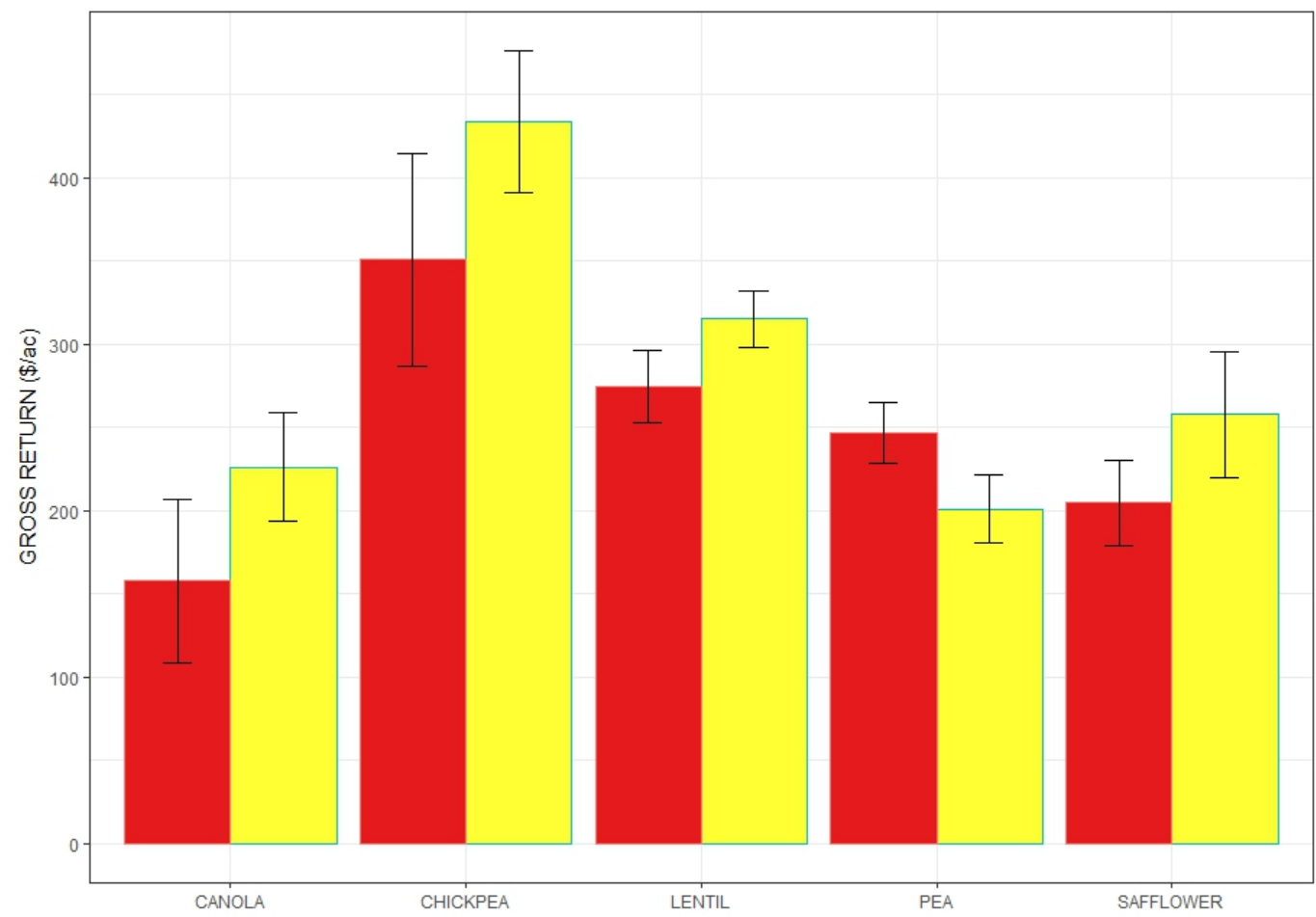
- Orientation
- Performance
- Economics



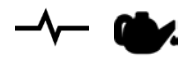


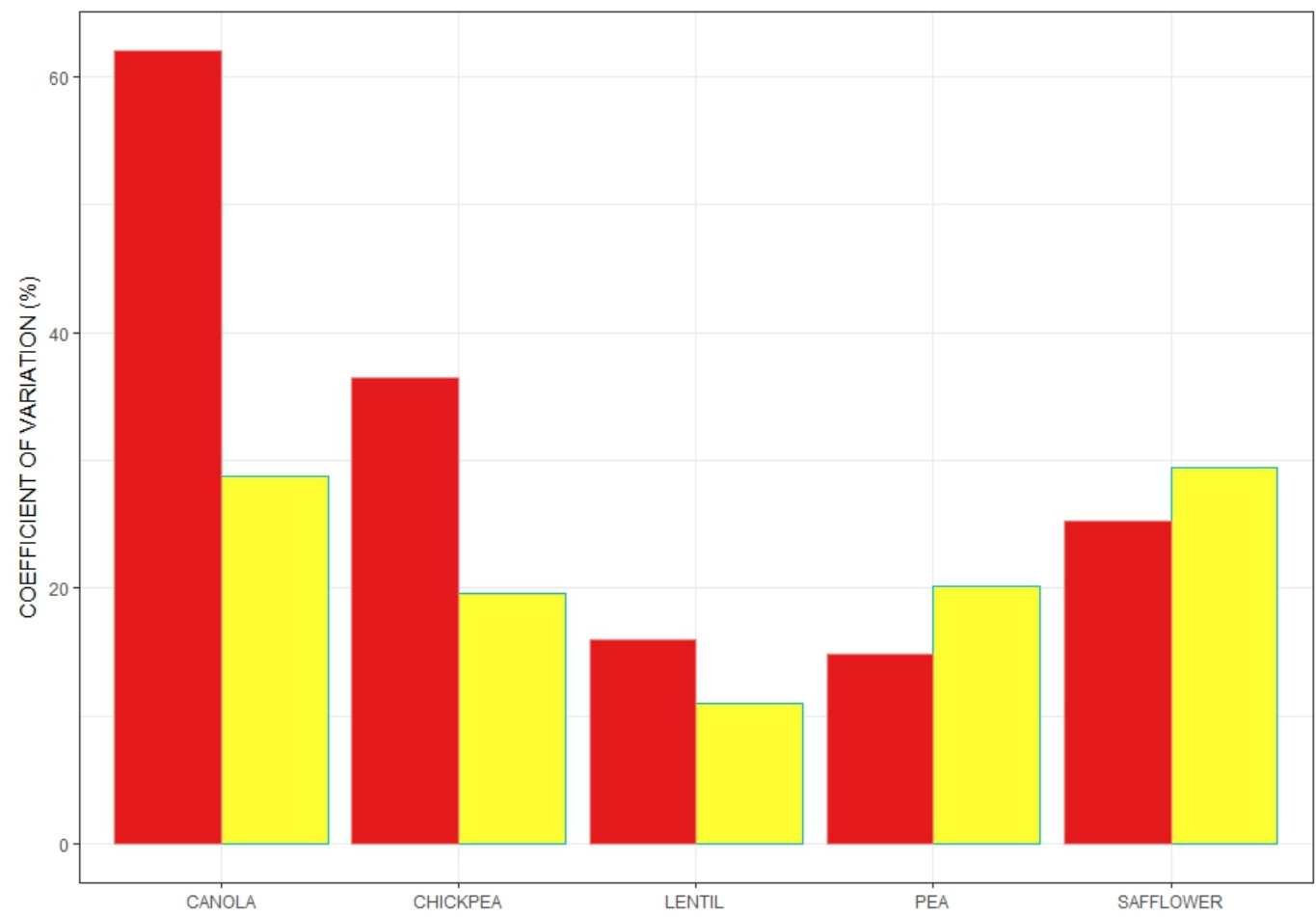
NAME
■ CARC
■ STATE



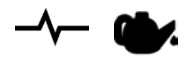


NAME
CARC
STATE





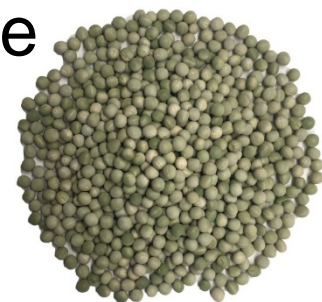
NAME
CARC
STATE



SUMMARY

Peas:

- Low CV% at CARC (consistent and consistently favorable return compared with state average)
- Acreage statewide has leveled off, expected to decrease in 2017
- Price received in steady decline since 2011 (MT)
- 2013-2015 gross return averaged **\$247 per acre** at CARC, compared with **\$201 per acre** for the state



SUMMARY

Lentils:

- Mid to low CV% at CARC (semi-consistent return)
- Planted acres on the rise, expected to increase 23% from 2016 (MT)
- Price received \$28.50 per cwt in 2016 (MT)
- 2013-2015 gross return averaged **\$275 per acre** at CARC, compared with **\$315 per acre** for the state



SUMMARY

Chickpeas:

- High CV% at CARC (inconsistent return)
- Planted acres on the rise, expected to increase 62% from 2016 nationally
- Price received steady at \$28.75 per cwt in 2015-2016 (US)
- 2013-2015 gross return averaged **\$351 per acre** at CARC, compared with **\$434 per acre** for the state



SUMMARY

Canola:

- High CV% at CARC (inconsistent return)
- Planted area expected to increase by more than 70% from 2016 (MT)
- Price received hovering at ~\$15.00 per cwt 2014-2016 (MT)
- 2013-2015 gross return averaged **\$158 per acre** at CARC, compared with **\$226 per acre** for the state



SUMMARY

Safflower:

- Low CV% at CARC (consistent return)
- Price received in decline since 2012 (MT)
- 2013-2015 gross return averaged **\$205 per acre** at CARC, compared with **\$258 per acre** for the state





THANK YOU!

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SOURCES:

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