



39th Annual Wheat Crop Report

April 30, 2019
Oklahoma City, Oklahoma

2019 Crop Report Contributors

Wheat

- Panhandle: **Darrell McBee**, OSU
- North Central – West: **Ronnie Truelock**, Alva Farmers COOP
- North Central – East: **Jeff Mitchell**, Farmers Grain Company
- West Central: **Ron Wright**, OSU
- Central: **Avery Eeds**, Wheeler Brothers Grain Co.
- Northeast: **Amanda Kelly**, Consolidated Grain and Barge
- Southwest: **Gary Strickland**, OSU
- South Central: **Heath Sanders**, OSU
- Southeast: **Brian Freking**, OSU

Canola

- Josh Bushong**, OSU



2018



2019



General Comments

- First observation was the abundance of N deficient fields.
- Second is that it is dryer in Texas and Cimarron counties than you would expect.
- Third no significant insect or disease pressure at this time.
- Good overall yield potential – with some concern about protein levels.



Harper County



Beaver County



Texas County

Eva Mesonet Air Temperatures

April 11th – 23 degrees

April 12th – 22 degrees

April 13th – 25 degrees

April 14th – 21 degrees

2019 Annual Wheat Crop Report





Texas County

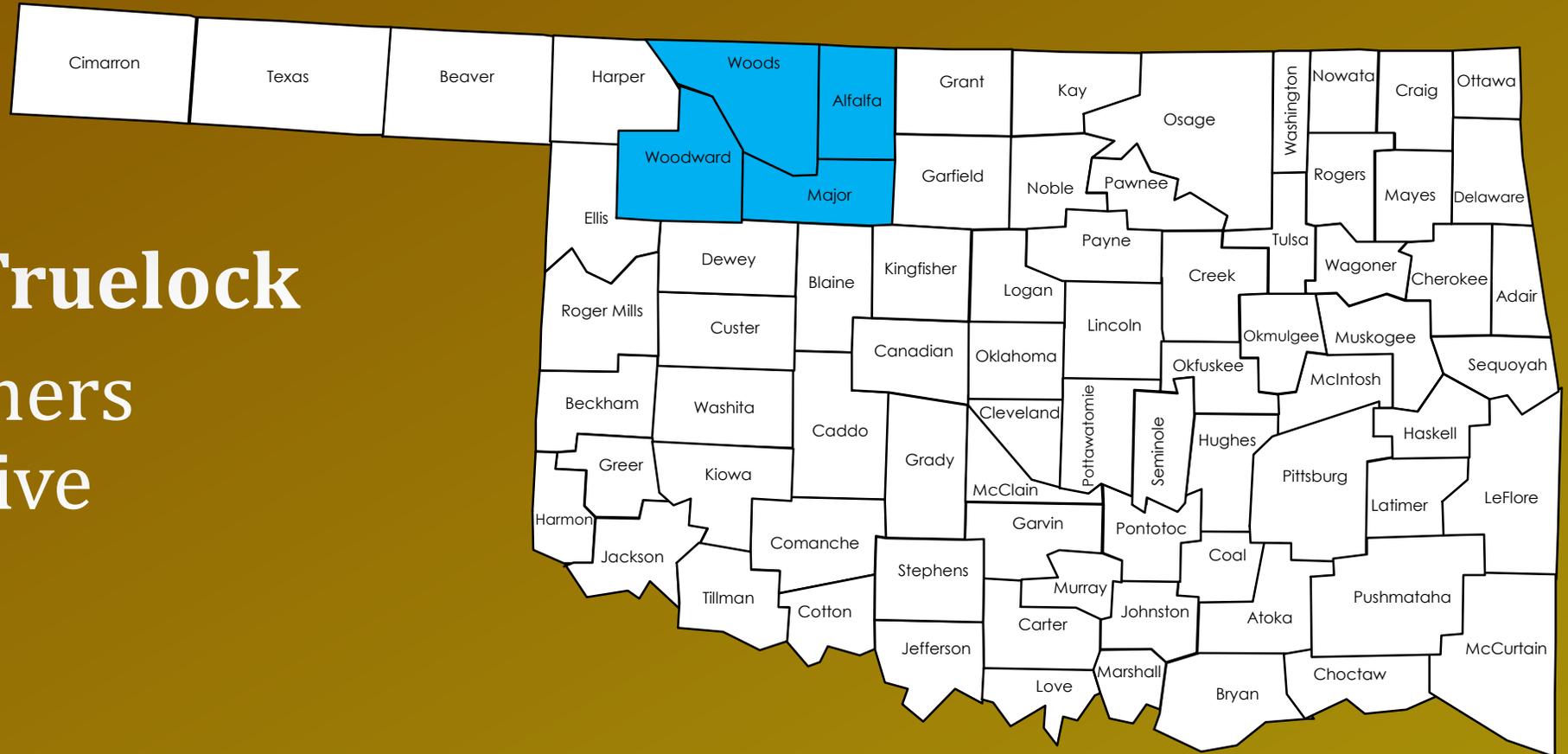


Cimarron County

Panhandle Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Beaver	150,000	32	4.800
Cimarron	222,000	31	6.882
Harper	140,000	30	4.200
Texas	260,000	28	7.280
Total	772,000	30.0	23.162

North Central – West Region



Ronnie Truelock

Alva Farmers

Cooperative

Alva, OK

General Comments

- Had some big rains at planting
- Range in planting dates Sept-October
- Short periods of low moisture, very good growing conditions from planting to now
- Lack of fertility and weed control are the only negatives at this point
- Now we just have to hope the weather stays favorable to get this crop in the bin

U.S. Drought Monitor Oklahoma

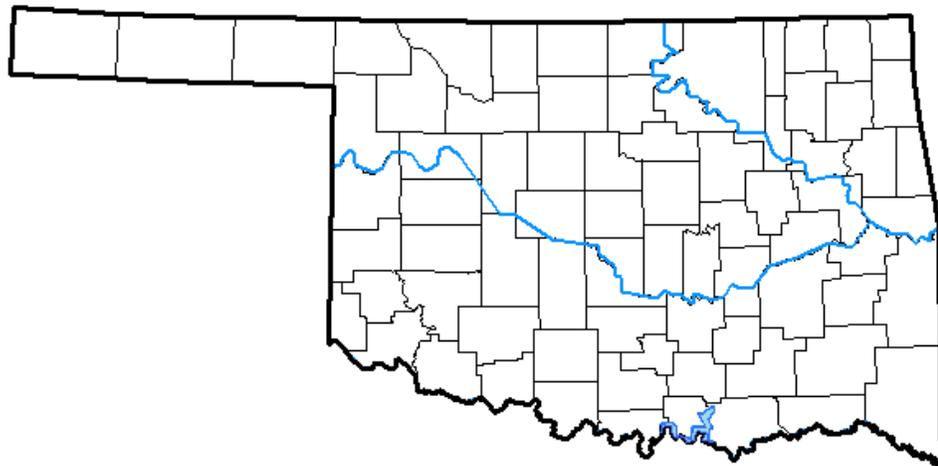
April 16, 2019

(Released Thursday, Apr. 18, 2019)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week <i>04-09-2019</i>	95.94	4.06	0.00	0.00	0.00	0.00
3 Months Ago <i>01-15-2019</i>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year <i>01-01-2019</i>	94.85	5.15	0.00	0.00	0.00	0.00
Start of Water Year <i>09-25-2018</i>	72.93	27.07	9.11	4.16	0.00	0.00
One Year Ago <i>04-17-2018</i>	41.71	58.29	47.44	42.07	35.54	19.50



Intensity:

 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought
 D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

David Miskus
NOAA/NWS/NCEP/CPC



<http://droughtmonitor.unl.edu/>

Expert Panel

- James Wilson – Waukomis
- Alex White – Okeene
- John Swart – Carmen
- Jake Kelln – Dacoma
- Ronnie Truelock – Alva

North Central – West Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Alfalfa	186,000	45.0	8.370
Woods	145,000	41.0	5.945
Major	100,000	45.0	4.500
Woodward	25,000	35.0	0.875
Total	456,000	43.2	19.690

General Comments

- KAY COUNTY HAS MORE THEN NORMAL LAIDOUT GROUND.
- WHEAT IS BEHIND IN DEVELOPMENT WIDELY VAIED IN MATURITY.
- DID NOT SEE MUCH FOILAGE DISEASE.
- BCO APHIDS & HEAD APHIDS ARE STARTING TO SHOW UP.

Final Comments

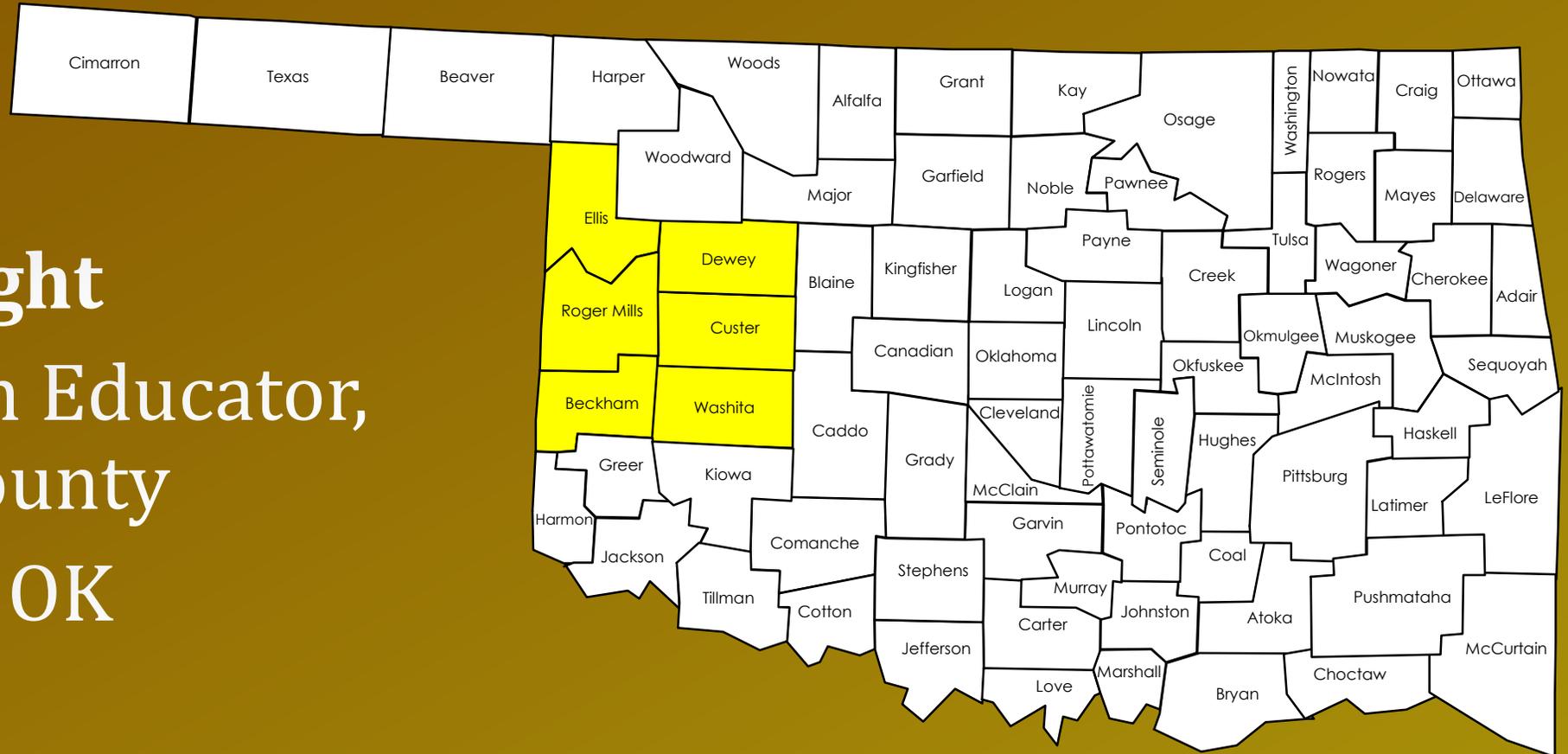
- OVERALL WHEAT CROP LOOKS GOOD
- THERE IS A LOT OF SECONDARY TILLERS THAT WILL ADD A LOT TO YIELD IF MOTHER NATURE COOPERATES.

North Central – East Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Garfield	223,000	37	8.25
Grant	215,000	35	7.52
Kay	100,000	32	3.20
Noble	66,000	34	2.24
Total	604,000	35.1	21.22

West Central Region

Ron Wright
Extension Educator,
Custer County
Arapaho, OK



General Comments

- What a Difference a Year Makes!
- This Years Crop is Much Better than Last years at this Stage.
- We Have Had More Rainfall.
- We Have not Had the Disease Pressure We had Last Year. YET!
- Although Price Has Caused A lack of Interest in Wheat, Acres in West Central Oklahoma Increased Significantly In 2019.
- Unlike Last Year, Early Promise in this Wheat Crop has Continued Into Spring.

Final Comments

- Baring A Late Collapse, This Crop Has the Potential to Be Good. Maybe Really Good!!!
- Wheat Acres Whited Out to Make way For Cotton Are Down Considerably.

West Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Beckham	38,608	30	1.158
Custer	111,000	40	4.440
Dewey	165,000	30	4.950
Ellis	30,000	30	0.900
Roger Mills	23,783	30	0.714
Washita	141,134	40	5.645
Total	509,525	34.9	17.807

Central Region

Avery Eeds
Wheeler Brothers
Grain Co.
Kingfisher, OK



General Comments

- Fields shown N deficiencies most of the winter.
- Feral Rye has appeared in lots of areas.
- Ryegrass continues to be a major issue
- Rescue Grass and Cheats are around like most years.
-

General Comments

- Fungicides are currently being applied.
- Lower leaves are showing pustules.
- How do we account for acres lost to oil pads and houses.

General Comments

- Oklahoma wheat acres are reported down 5% (USDA) Third year in a row for decrease in planted acres.
- Oklahoma Canola acres down 57% from last years low acres.
- Cotton acres going to be high again

General Comments

- Seen NO Jack Rabbits or Quail this year!
- Wheat looks as good as it has in a number of years.

General Comments

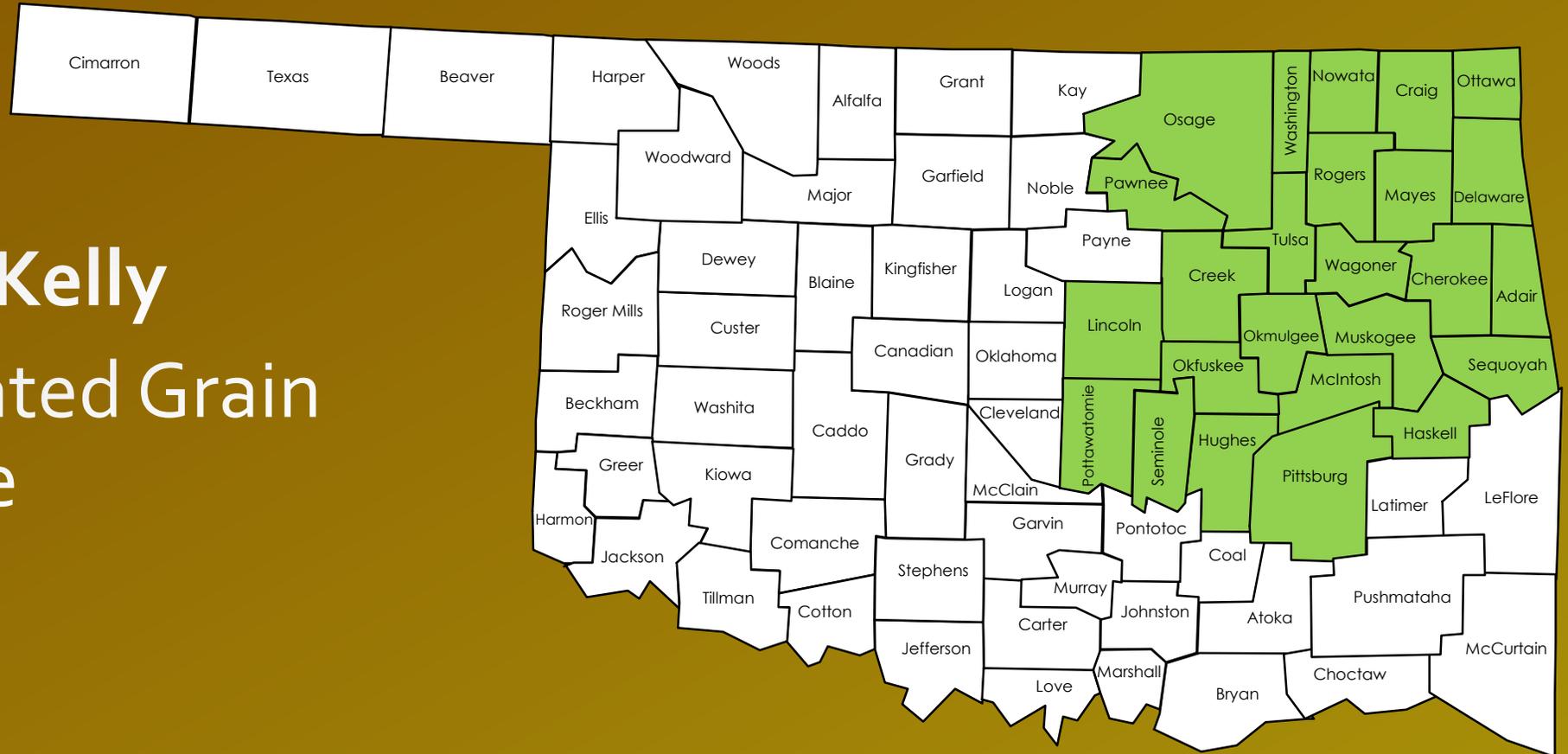
- Varieties in Central Region
- Gallagher 33.5%
- Doublestop CL+ 5.8%
- Duster 3.9%
- Doans 3.8%
- Bentley 3.8%

Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Blaine	103,000	39	4.017
Canadian	116,000	40	4.640
Kingfisher	142,000	40	5.680
Logan	38,000	37	1.406
Oklahoma	5,900	38	0.224
Payne	4,000	35	0.140
Total	408,900	39.4	16.107

Northeast Region

Amanda Kelly
Consolidated Grain
and Barge
Tulsa, OK



Mayes County Wheat

- Too much rain
- Poor quality wheat



Tulsa County Wheat



- Short
- Fair conditions
- Not filling in well

Roger County Wheat

- Not under any stress
- Conditions look good



Washington County Wheat

- Planted before December
- Off to a slow start and patchy
- Good conditions now
 - Thinks it will turn out well



Osage County Wheat



- Planted late November
- Stand and fertility are good
- Yield around 50 bpa

Okmulgee County Wheat



- Fair looking conditions

Lincoln County Wheat



- Fair conditions
 - Fields ranging from good to fair
- Yield around 40 to 50 bpa
- Protein looking around 10 to 11

Final Comments

- Fair quality
- Yields around 40-50 bpa
- Late planted wheat due to late bean harvest
- Less acres planted this year

Northeast Region Estimates

Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
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46,526

45

2.09

General Comments

- Early planted acres were established and resulted in late fall forage production. However, not many acres were planted early. Rainfall the last half of September and first part of October resulted in late planted wheat, all the way to the last of November and first of December.
- The majority of wheat acres grew very slow during the winter time. Good vegetative growth did not start until late February into March. With current moisture conditions most fields have good plant height, with the exception of December planted wheat acres.

General Comments

- Aphid pressure (primarily bird cherry oat aphids) was minor but we did see brown wheat mites in several fields at light/moderate to heavy occurrences beginning in late February to end of March. Basically found these in all Southwest Counties.
- Disease pressure was light thru the winter and early spring. However, in April, while in general severity was light, Septoria leaf blotch, tan spot, leaf rust and stripe rust made an appearance. No powdery mildew has been seen during my field checks.

General Comments

- Grassy weed pressure was still significant this year but not many producers sprayed for weed control due to budget concerns. Rescuegrass seemed to be the major grass present in counties, followed by cheat and downey bromes and some feral rye. Wild oats were present as well.
- Broadleaf weed pressure came on early with good moisture conditions. But again, not all producers sprayed due to budget considerations. Lots of tansy mustard and pepperweed maturing in fields this year.
- In general, fields that were left for harvest still have average to good yield potential.

2019 Annual Wheat Crop Report



The Estimation Process

- *As always acre and yield estimates are a moving target but here is my best Educated Guess – The Process*
- County Visits: Not as many fields counted this year due to time constraints, ~ 10-15 fields across the county, combined with several visual estimates
- Field Counts: 2-3 one foot counts, calculate total viable heads per square foot, count florets per head on 5 heads to estimate head size, then calculate yield per acre

Acre Estimations

- Planted acre estimates were not down this year but rather up some. However, fields being taken to harvest were still reduced on a percentage basis. This is related to graze out, hay, and forage uses which were up by actual counts, averaging 36.5% across my seven counties.
- Cover crop acres were not included in FSA planted acre estimates. However, due to the large number of acres noted as terminated during field counts I further decreased harvest acres by another 10%. This value is a pure guess!
- Again, in general, fields that were left for harvest still have average to good yield potential. Given current soil moisture conditions coupled with the wheat developmental stage I believe this crop stands a good chance of maintaining this yield potential (barring any disease or weather crisis).

Southwest Region Acre Estimates

County	FSA reported % Decrease of Planted Acres for Forage Use Only - 2019	% Decrease of Planted Acres for Forage Use Only- by Counts
Cotton	9.6	39
Greer	1.3	27
Harmon	1.2	32
Jackson	7.9	6.4 (??)
Jefferson	88.5	88.5
Kiowa	9.2	33
Tillman	5.6	30

Southwest Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Cotton	85,271	29	2.47
Greer	50,787	30	1.52
Harmon	43,777	33	1.44
Jackson	134,200	33	4.43
Jefferson	5581	32	0.18
Kiowa	107,475	25	2.69
Tillman	86,389	36	3.11
Total	513,480	31.1 (Avg.)	15.84

South Central Region

Heath Sanders
Area Extension
Agronomy
Specialist
Duncan, OK

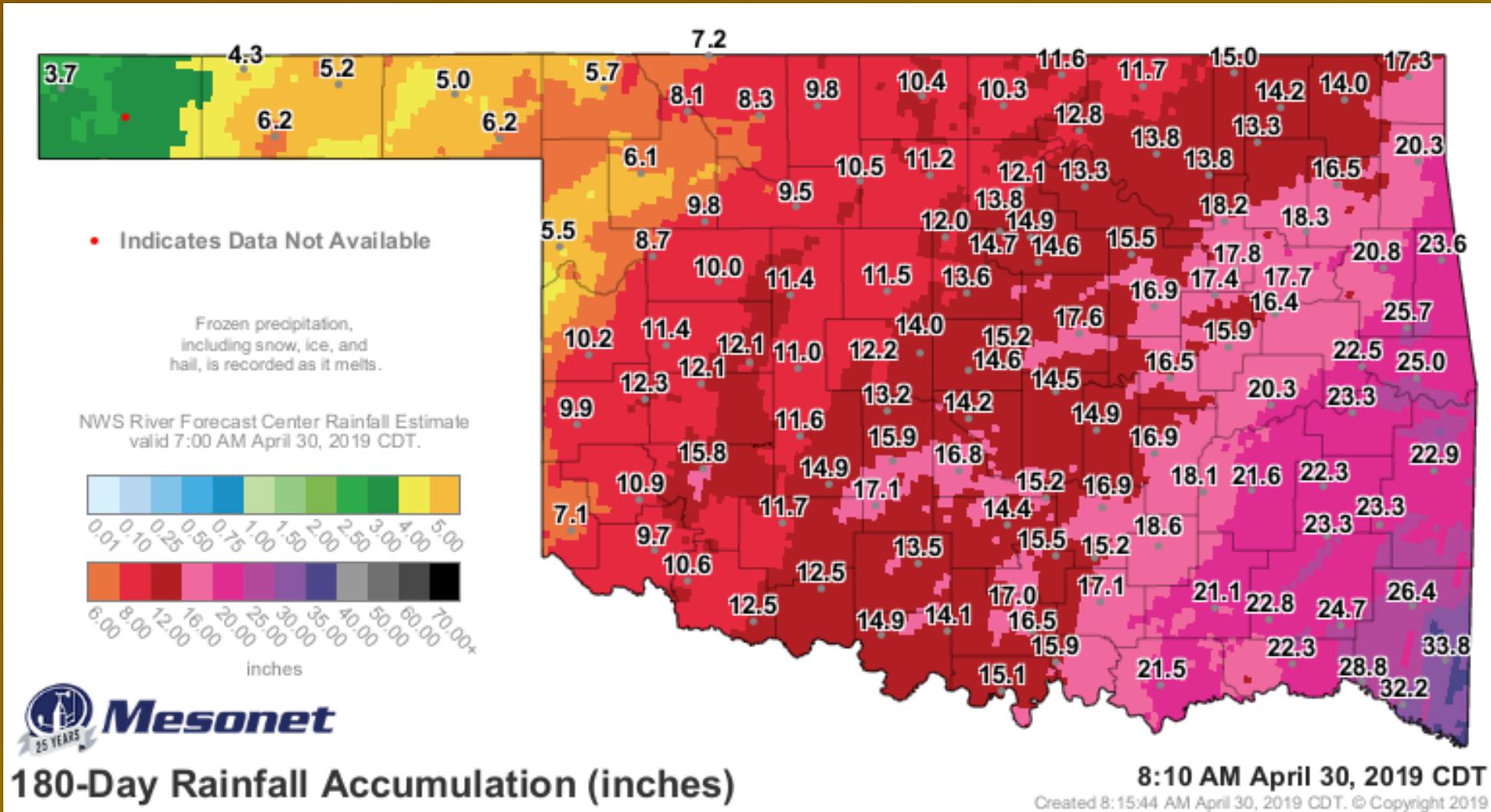


General Comments

- Aug. ended dry, wet early Sept.
- Planting delays by rain until mid-Sept.
- Army cutworms & grasshoppers
- Many wet overcast days throughout Oct.
 - Planting dates
 - Late wheat was planted Nov.
- Wet field conditions



180-Day Rainfall



General Comments

- Wheat planted for forage
- More graze out
- Hay?
 - Haven seen much cut
 - Need for hay
- Fallowed fields
- Cover Crop/Burndown
 - Cotton



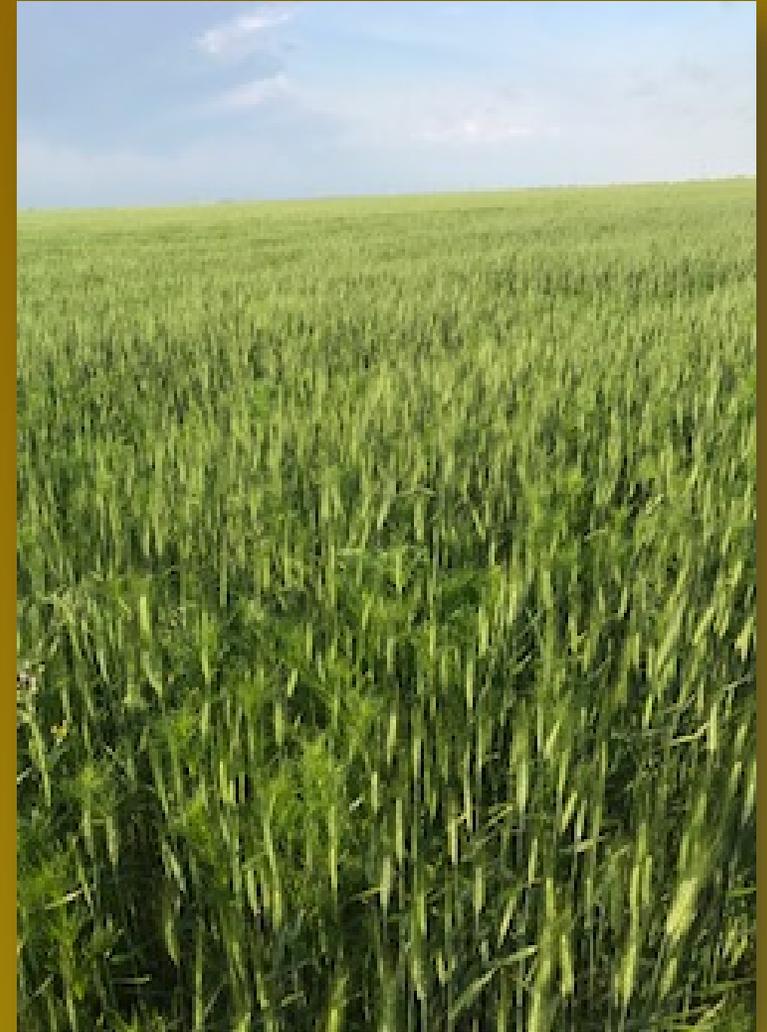
General Comments

- Insect pressures: Light
 - Bird Cherry Oat Aphids
- Disease Pressure: Light
 - Barley Yellow Dwarf (BYD)
 - Powdery Mildew (min)
 - Stripe and Leaf Rust
 - Septoria
 - Tan Spot



Weed Pressure

- Broadleaves and Grasses
- Was a herbicide applied?
 - Italian Ryegrass is down in the canopy
 - Will be noticeable in week or so
- Crop Rotation
 - Fields are clean



Final Comments

- What will be cut for hay? Rain?
- Fields with very good yield potential
- Fields that are left to be harvested should be the better wheat fields with better yield potential
- Later harvest
- “Snapshot in time”



South Central Region Estimates

County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Caddo	70,000	38.0	2.660
Cleveland	1,000	36.0	0.036
Comanche	20,000	35.0	0.700
Garvin	4,000	50.0	0.200
Grady	28,000	39.0	1.092
McClain	3,000	45.0	0.135
Stephens	6,000	36.0	0.216
Total	132,000	38.2	5.039

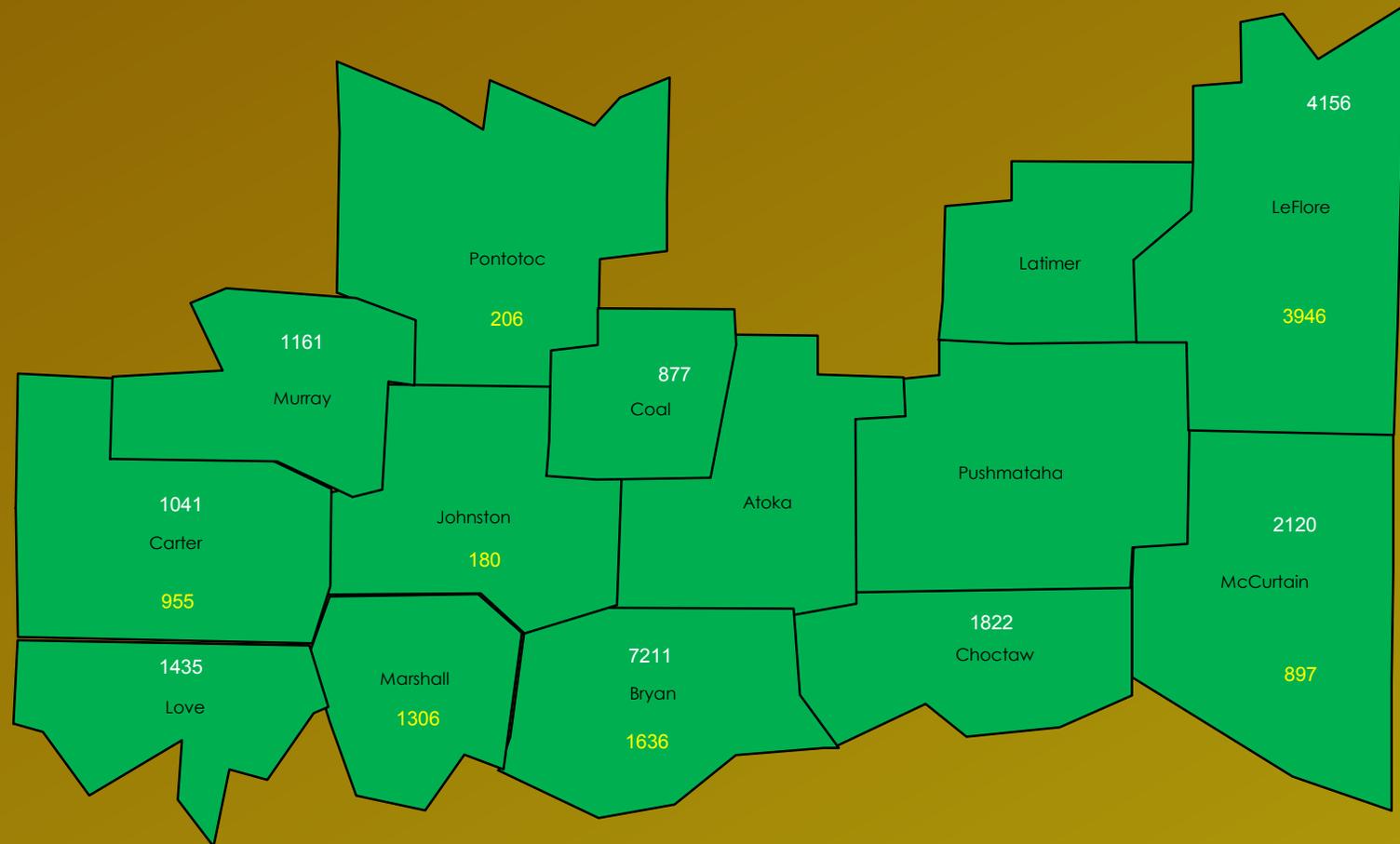
Southeast Region

\$7.45/bu 2012 Census Wheat Acres Harvested 23,308
\$3.98/bu 2017 Census Wheat Acres Harvested 9,126

Brian Freking

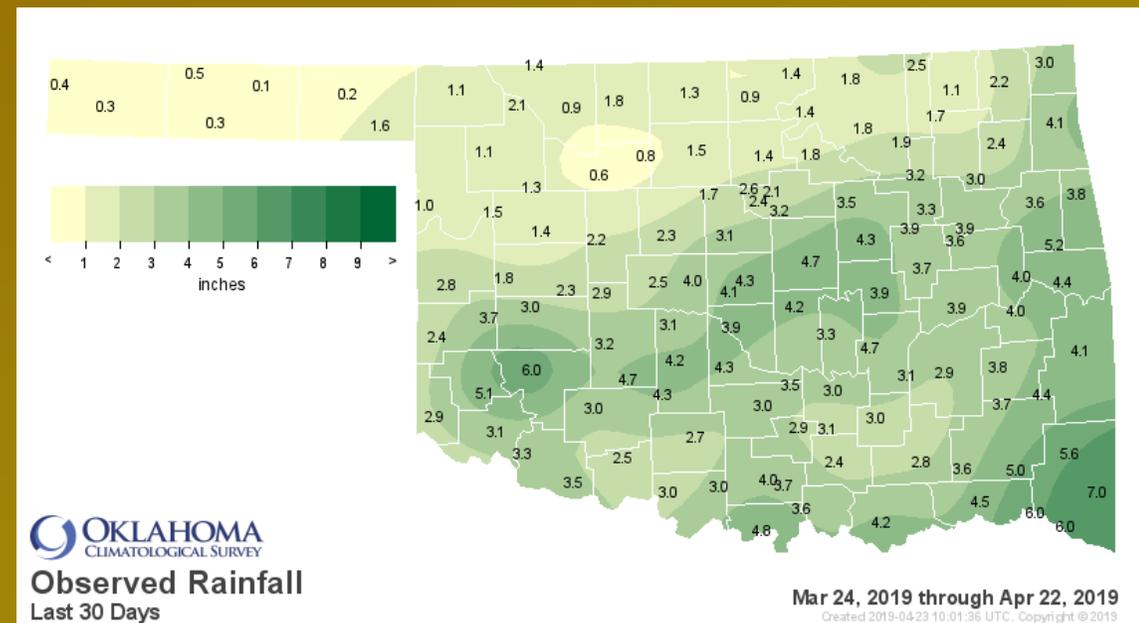
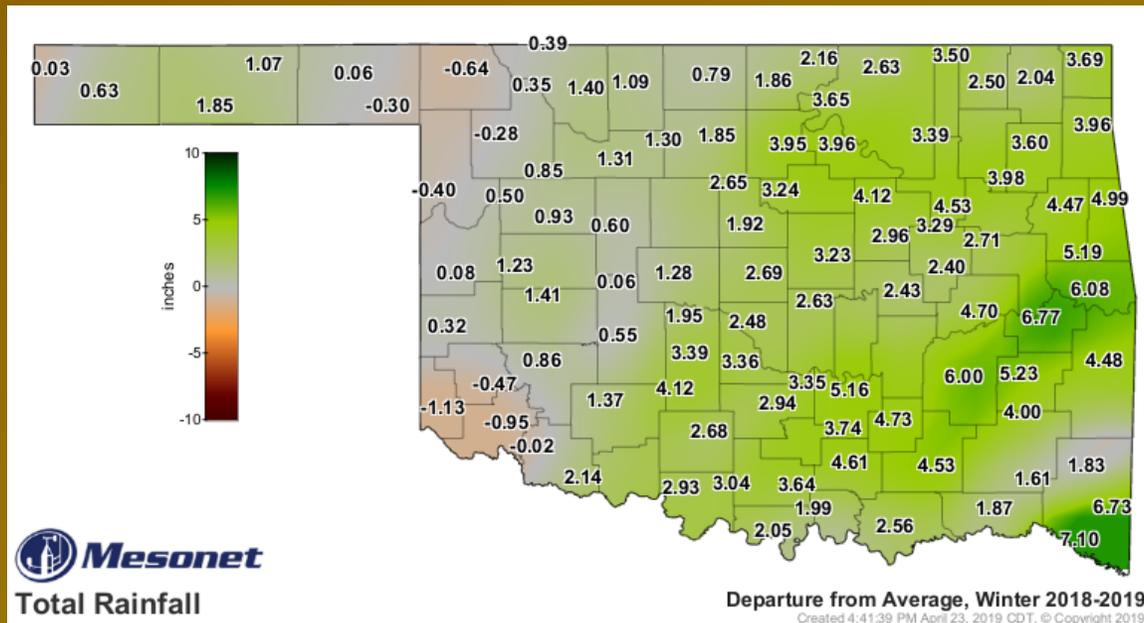
OCES Extension SE
Area Livestock
Specialist

60.8% ↓



Southeast Overview

- Weather was significant factor this year.
 - Too Wet for planting
 - Price Outlook not very Favorable
 - More heavily utilized for grazing and hay



LeFlore County

- Hard red producing county mostly Grazing



Coal County

10 April 2019



Bryan County

- Soft red producing county
 - Wet conditions at planting time reduced acreage
 - 12,000 acres typically planted – will combine 3000-3500 acres
 - Expect to yield 30-35 bu/ac (about same as last years yield)

Photo from: Kevin Dale, Bryan Co. USDA-FSA



Choctaw County

- Soft red producing county
 - Similar conditions to Bryan county but with less late winter moisture
 - Around 1600 acres reported planted. Expect to combine 300-400 acres.
 - Minimal disease or frost issues, signs of nitrogen deficiencies.

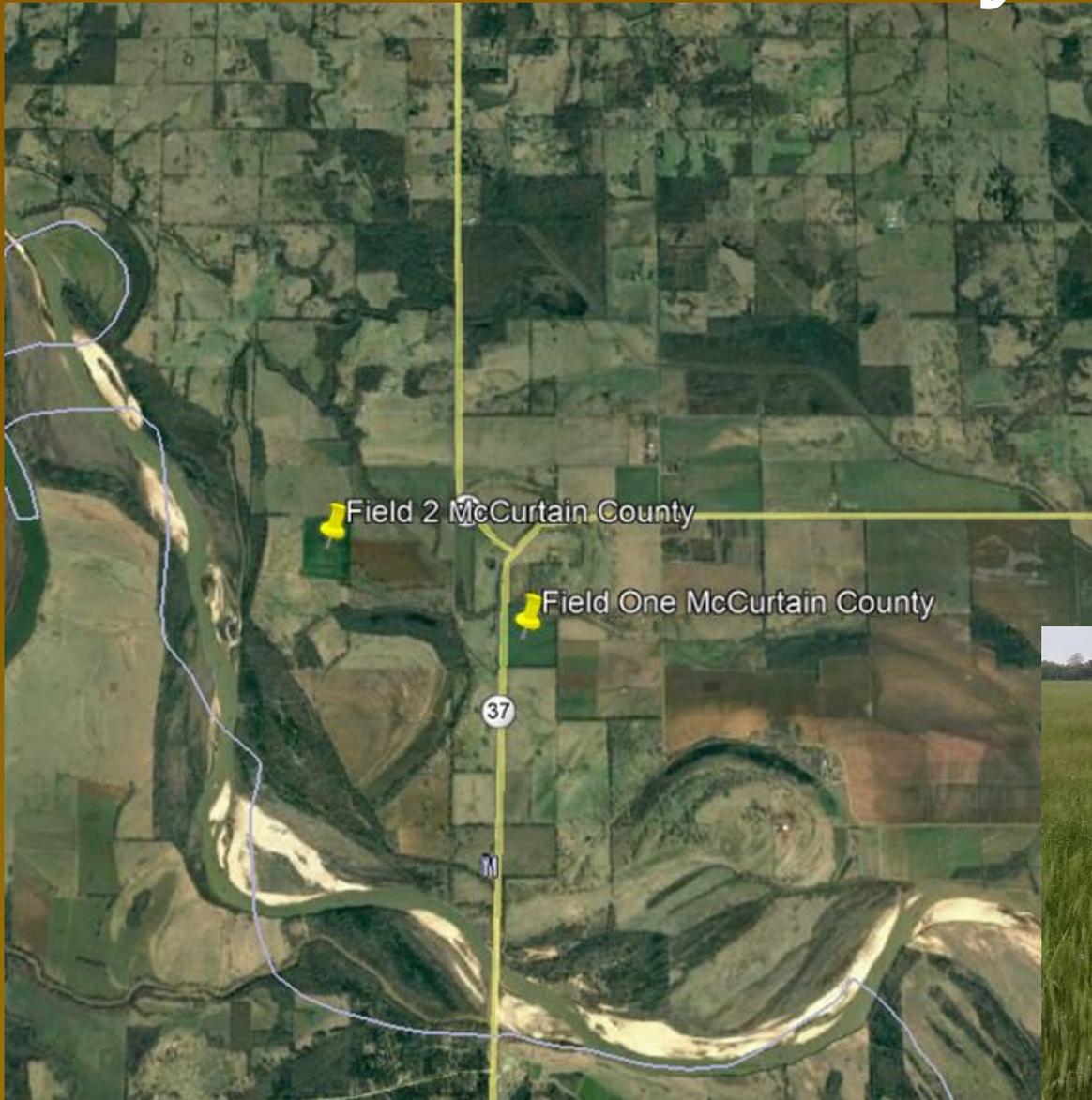
Data from: Marty Montague, OCES and Jerry Robinson, Choctaw Co. USDA-FSA

McCurtain County

- Soft red producing county
 - 2200 acres reported – grain only acres
 - Very dry at planting.
 - Very wet mid-Feb through mid-March
 - Frost damage limited to yellowing of some flag leaves
 - Some rust – fungicides applied just after Easter (4/1/18)
 - Expect to yield 60- 70 bu/ac. 2017 yield just over 70.

*Data from: Jerry Robinson, McCurtain Co. USDA-FSA
and Wooten Farms and Sylte Brothers Farms*

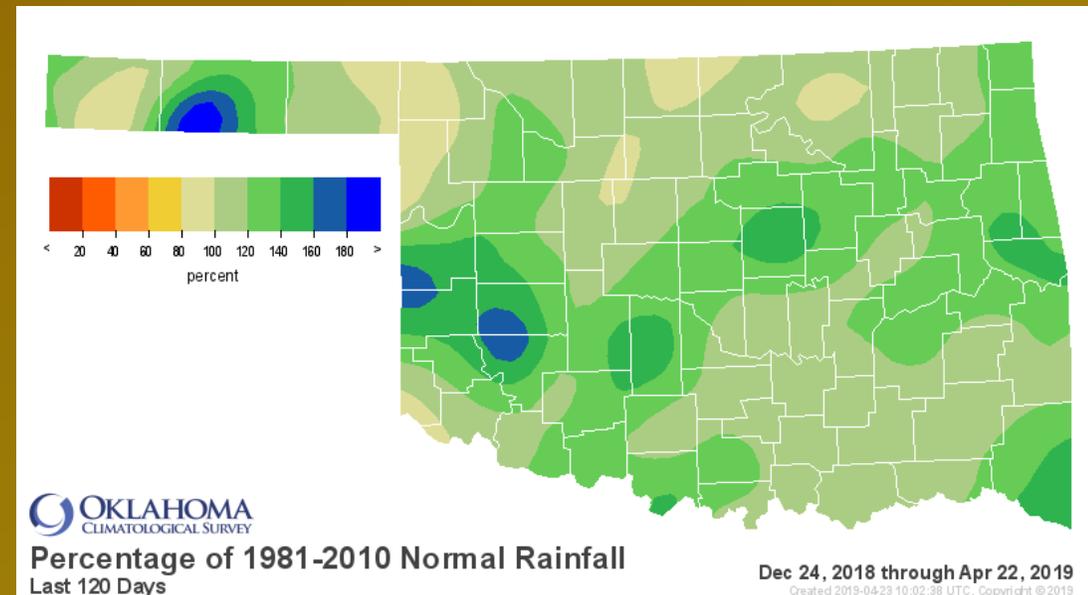
McCurtain County



Photos Courtesy Brad Bain OCES

Final Comments

- Overall – southeast crop looks decent considering planting conditions.
- Most Thankful to Play in the mud?



General Comment Summary

- Majority of wheat is utilized for grazing
- Little bit of late start on seeding conditions – too wet to get early planting done.
- Some issues of flooding in lower elevations Mid-December
- Ranked 21st Wettest on Record for Dec to Late April (123% Normal)

Southeast Region Estimates

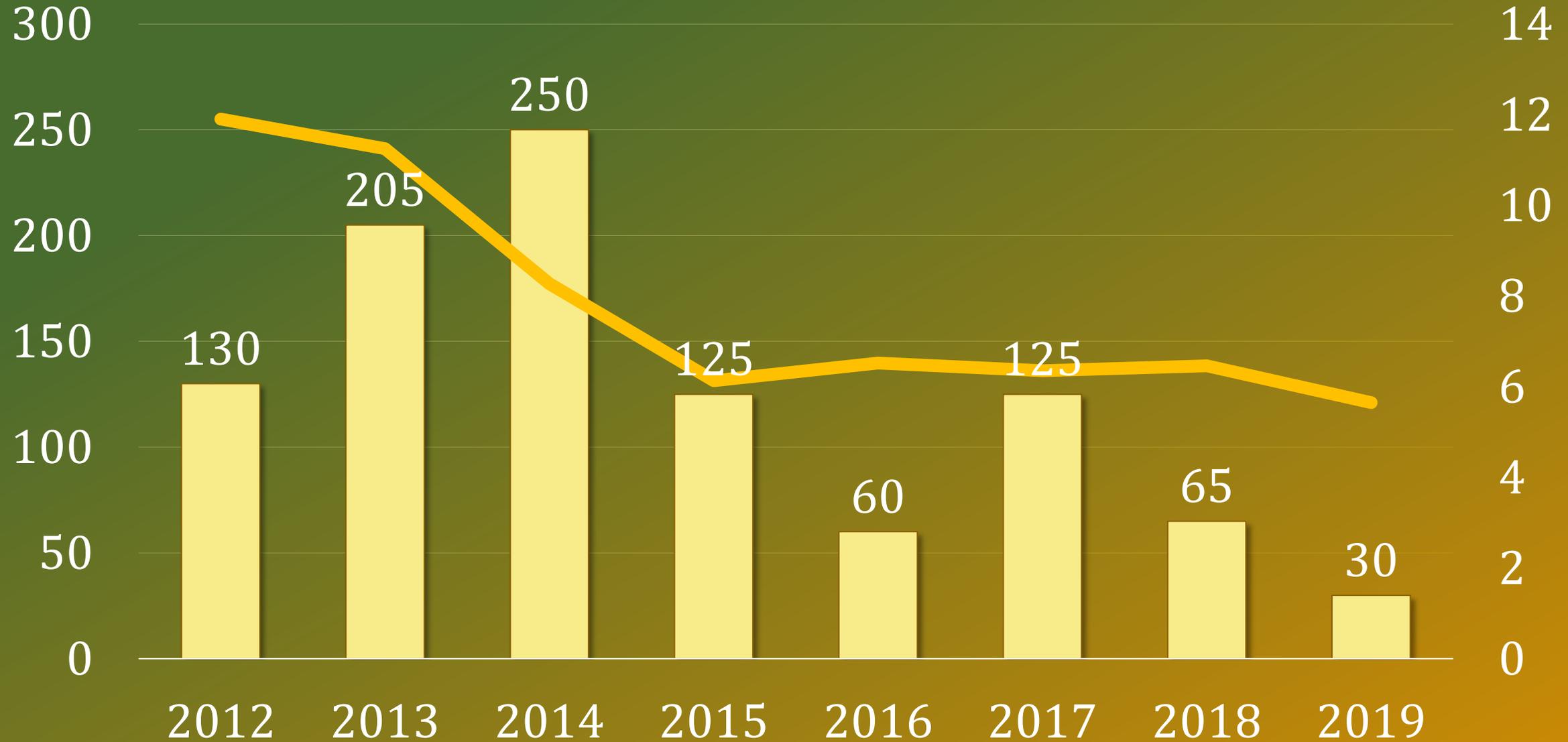
County	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Bryan	3,500	35	0.122
Carter	400	38	0.015
Choctaw	350	40	0.014
Johnston	800	34	0.027
LeFlore	2250	35	0.078
Love	250	25	0.006
Marshall	250	30	0.008
McCurtain	2200	55	0.121
Total	10,000	39.1	0.391

2019 Canola Crop Report

Josh Bushong
Area Extension
Agronomy Specialist
Enid, OK



Ok Canola – Planted Acres & Price



Oklahoma Canola

- Planting season cut short
- Intended acreage probably ~60K
- Overall minimal pest issues
- “Crud” in some saturated farms
- Late spring herbicide, reduced topdress
- Short flowering period

Difference in Spring Nitrogen



Lahoma April 23, 2019



Oklahoma Canola Estimates

Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
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26,000

28

0.728



Thank You!

To the Contributors of the
39th Annual
Wheat Crop Report

2019 Wheat Crop Tour Estimates

Region	Harvested Acres	Yield (Bu/A)	Total Production (million Bu)
Panhandle	772,000	30.0	23.162
North Central – West	456,000	43.2	19.690
North Central – East	604,000	35.1	21.220
West Central	509,525	34.9	17.807
Central	408,900	39.4	16.107
Northeast	46,526	45.0	2.090
Southwest	513,480	33.4	15.840
South Central	132,000	38.2	5.039
Southeast	10,000	39.1	0.391
Total	3,452,431	35.1	121.35

Oklahoma Estimate



**Harvested
Acres**

**Yield
(Bu/A)**

**Total Production
(million Bu)**

3,190,766

37.0

119.268
