

SUMMARY

An estimated 385,500 acres of wheat was planted for 2018, ~27,500 acres less than 2017. Low plantings continue to be attributed to weaker wheat prices and increased competition from other crops and feed prices.

Mark Lundy, Assistant Cooperative Extension Specialist: The early season was marked by below average rainfall and infrequent precipitation events, which resulted in some early drought stress and weak stands, particularly in dryland areas. After a warmer than average early-season, from mid-February to early-March there were several multi-day periods with daily low temperatures below freezing for multiple hours. As a result, some frost damage was observed in the Northern San Joaquin Valley and the Sacramento Valley. To date, there have been few diseases of note. The above average precipitation in March and April has helped to return the annual rainfall total to within a few inches of normal in much of the state, and the crop appears to be making up for a weak start to the season.

RED AND WHITE WHEAT

Hard Red wheat, the top wheat class grown in California, accounted for 76 percent of all acreage grown in California this year. SY-Summit 515 (~20 percent) was the top planted red wheat variety, followed by Cal Rojo (15 percent). Yecora Rojo remained the most commonly planted red variety in the Southern part of California. Patwin 515 (34 percent) was the top Hard White wheat planted and SY-Ovation (29 percent) was the top Soft White variety. Approximately 65 percent of all red and white varieties are grown in the San Joaquin Valley.

DURUM

Durum acreage in California remained similar to 2017. UC Desert King HP and UC Desert King combined accounts for 40 percent of the total 2018 durum wheat planted acreage in California. UC Desert King HP (35 percent) was the top planted variety in the San Joaquin Valley, and UC Desert King (25 percent) in Southern California.

Survey Description

This report reflects wheat that was planted in the Fall of 2017/early Winter 2018 for harvest in Spring/Summer of 2018; as well as intended Spring plantings in far Northern California. This survey estimates the state's *planted* acreage.

Thank you to all who contributed and supplied data; which made this report possible!

District	Counties
Sacramento Valley	Butte, Colusa, Glenn, Sacramento, Solano, Sutter, Tehama, Yolo, Yuba
San Joaquin Valley	Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare
Coast	Alameda, Contra Costa, Lake, Marin, Monterey, Napa, San Benito, San Francisco, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Sonoma
Southern California	Imperial, Los Angeles, Orange, Riverside, Santa Barbara, San Bernardino, San Diego, Ventura
Sierra and Northern CA	Alpine, Amador, Calaveras, Del Norte, El Dorado, Humboldt, Inyo, Lassen, Mariposa, Mendocino, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Trinity, Tuolumne

This report includes acreage and percentages at the State and District levels. Variety acreage numbers are estimated averages. Access to this survey results and survey from other years are available for free online at <http://www.californiawheat.org/growers/variety-survey/>.

If you have any questions, please do not hesitate contacting the California Wheat Commission at 530-661-1292.

WINTER Wheat Varieties, Percent and Acreage Planted

	2017		2018	
	Percent	Acres	Percent	Acres
WHITE VARIETIES				
Hard White Wheat				
Blanca Grande 515 (PVP)	2.2%	8,000	2.3%	8,000
Patwin 515 (PVP)	3.5%	13,000	2.8%	9,500
Patwin 515HP (PVP)	-	-	0.2%	600
WB 7618	1.3%	5,000	2.0%	7,000
Other/Unknown	0.4%	1,500	0.8%	2,910
Hard White Total	7.4%	27,500	8.1%	28,010
Soft White Wheat				
Alpowa	2.2%	8,250	0.7%	2,330
SY Ovation	0.9%	3,200	2.1%	7,100
¹ New Dirkwinn (PVP)	2.7%	10,000	0.4%	1,500
Dirkwinn	-	-	0.2%	800
Tubbs	0.7%	2,500	0.3%	900
¹ Twin	0.8%	2,900	0.7%	2,300
WB6341	0.2%	890	0.4%	1,300
WB6430	0.2%	760	-	-
¹ Yamhill	1.7%	6,200	1.0%	3,300
Other/Unknown	0.9%	3,390	1.4%	4,750
Soft White Total	10.2%	38,090	7.1%	24,280
RED VARIETIES				
Cal Rojo (PVP) (Patent # 7563967 B2)	11.7%	43,400	12.8%	44,200
WB Joaquin Oro (PVP. Patent # 8,507,775)	5.6%	20,800	4.9%	17,000
Lassik	-	-	0.1%	500
¹ PR 1404 (PVP)	9.1%	33,780	6.7%	23,000
Redwing	-	-	0.2%	600
SY-Summit 515 (PVP)	13.9%	51,650	19.5%	66,950
¹ SY 314	-	-	0.4%	1,500
¹ Triple IV (PVP)	2.4%	9,080	6.5%	22,400
¹ Ultra (PVP)	0.3%	1,000	0.2%	700
WB 9112 (PVP pending)	1.1%	4,000	-	-
WB 9229 (PVP)	4.3%	16,000	6.7%	23,160
WB 9668	0.5%	1,790	-	-
WB 9904	1.5%	5,524	0.1%	300
¹ WB-Patron (PVP. Patent # 8,513,506)	25.3%	94,251	12.0%	41,250
Yecora Rojo	4.5%	16,675	10.1%	34,800
Other/Unknown	2.3%	8,460	4.5%	15,350
Hard Red Total	82.4%	306,410	84.8%	291,710
TOTAL (ALL WHEAT OTHER THAN DURUM)	100%	372,000	100%	344,000

¹Forage Wheat Varieties

DURUM Wheat Varieties, Percent and Acreage Planted

	2017		2018	
	Percent	Acres	Percent	Acres
Alberto	-	-	1%	300
Desert King (PVP)	17%	7,000	20%	8,500
Desert King HP (PVP)	7%	3,000	20%	8,165
Fortissimo (PVP)	12%	4,900	7%	3,050
Maestrале	-	-	1%	250
Havasu	2%	1,000	-	-
Kronos	1%	600	-	-
Orita (PVP)	18%	7,200	10%	4,000
Miwok (PVP)	2%	1,000	4%	1,800
Platinum	6%	2,500	8%	3,200
Powell	-	-	4%	1,600
Saragolla	-	-	4%	1,500
Tiburón (PVP)	9%	3,500	8%	3,500
Volante (PVP)	12%	5,000	7%	2,935
WB Mohave (PVP)	5%	2,000	2%	700
Other & Unknown	8%	3,300	5%	2,000
Total		41,000		41,500

2018 Wheat Classes Acreage Planted by Region

	Hard White	Soft White	Hard Red	Durum
	acres	acres	acres	acres
Sacramento Valley	5,960	2,080	66,960	1,500
San Joaquin Valley	19,800	1,200	200,000	20,000
Coast	-	-	3,000	-
Southern California	-	-	17,000	20,000
Sierra & Northern California	2,250	21,000	4,750	-
Total (all classes)				385,500