

# ARIZONA CROP PROGRESS



United States Department of Agriculture  
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## CROP PROGRESS AND CONDITION WEEK ENDING JUNE 23, 2024

**AGRICULTURAL SUMMARY:** By week’s end, 66 percent of Arizona cotton had squared, and 30 percent had set bolls, up 5 and 16 percentage points, respectively, from the State’s 5-year average, according to the Mountain Regional Field Office of the National Agricultural Statistics Service, USDA. Arizona cotton was rated in mostly excellent condition, with 45 percent of the crop rated good. Eighty-nine percent of the State’s barley had been harvested, down 6 percentage points from the previous year’s levels. Ninety-one percent of Arizona’s Durum wheat had been harvested, up 12 percentage points from the previous year’s levels. Alfalfa hay harvest continued to take place on more than 75 percent of the crop’s acreage throughout the State. Arizona’s alfalfa crop was rated in mostly good to excellent condition, with only 18 percent of the crop rated fair to poor. Pasture and range conditions throughout the State deteriorated when compared to that of the previous report. Reports from Apache and Navajo Counties stated that no significant changes in rangelands had occurred over the past week. As of June 16, the National Drought Mitigation Center’s Vegetation Drought Response Index (VegDRI) showed that the vegetation condition of rangelands throughout southwestern counties was rated from near normal to extremely moist; however, the proportion of rangelands rated near normal grew substantially when compared to that of the June 2 map. Rangeland vegetation conditions throughout northern, as well as southeastern counties, continued to deteriorate, and were rated from near normal to severe drought. Topsoil moisture levels remained mostly adequate, with 15 percent rated very short, 12 percent rated short, 66 percent rated adequate, and 7 percent rated surplus. Subsoil moisture levels followed a similar trend.

Monsoon season had begun as measurable precipitation was experienced across much of the State, however, northeastern and southwestern areas were the exception and remained relatively dry. According to the National Oceanic and Atmospheric Administration (NOAA), the Pueblo Valley and Galiuro Mountains received most of the precipitation, accumulating approximately 3.50 inches while other areas of Arizona received anywhere from trace amounts to 1.75 inches of total precipitation. The seasonal mean temperature and total precipitation outlooks for July, August, and September were issued by the National Weather Service on June 20. The seasonal mean temperature outlook continues to show that temperatures will likely be above normal for the entirety of the State, with northern and eastern regions having a higher probability of experiencing hotter temperatures than southern and western areas. The seasonal total precipitation outlook now shows that precipitation will likely be below normal for the entirety of the State, with the eastern third of Arizona having a higher probability of experiencing below average precipitation than the western two-thirds of the State. Arizona’s seasonal drought outlook continues to show that conditions are expected to persist throughout all areas of the State that were affected by moderate drought (D1) or higher on May 21. Additionally, drought is expected to develop across the northern two-thirds of the State. Despite the precipitation received, streamflow conditions in portions of the Salt, Verde, Gila, and Lower Colorado River Basins, continues to be well below normal. Arizona’s remaining river basin’s streamflow conditions continue to be rated from much above normal to normal excluding the Santa Cruz River which is currently high. A Graham County reporter stated that a microburst had occurred on June 20 which resulted in localized flooding and damage to fields in and around the town of Pima. As of June 18, the U.S. Drought Monitor showed no change when compared to that of the previous report. Abnormally dry conditions (D0) spanned 51 percent of the State, moderate drought (D1) enveloped 17 percent, and severe drought (D2) encompassed 3 percent of the State’s total land area. Arizona once again remained free of extreme (D3) and exceptional (D4) drought. Over the past week, temperatures across much of the State were above normal according to the High Plains Regional Climate Center (HPRCC). Daytime highs throughout Arizona ranged from 3 degrees below to 5 degrees above normal and ranged from the low 80’s in northern Greenlee County to well over 100 degrees across southwestern regions of the State. Overnight lows ranged from 6 degrees below to 9 degrees above normal and ranged from 50 to 70 degrees across northern and eastern counties, whereas southwestern counties experienced lows of 75 to 90 degrees Fahrenheit.

### CROP PROGRESS

Commodity	Current week (percent)	Previous week (percent)	Previous year (percent)	5-year average (percent)
Barley				
Harvested for grain.....	89	85	95	92
Cotton				
Squaring.....	66	51	50	61
Setting Bolls.....	30	15	7	14
Durum wheat				
Harvested for grain.....	91	75	79	78

NA – not available  
 (–) – zero

### DAYS SUITABLE FOR FIELDWORK AND SOIL MOISTURE CONDITION

	Current week	Previous week	Previous year	5-year average
Days suitable for fieldwork .....	7.0	7.0	7.0	6.7
Topsoil moisture	(percent)	(percent)	(percent)	(percent)
Very short.....	15	15	5	11
Short .....	12	8	11	12
Adequate.....	66	75	84	77
Surplus.....	7	2	--	--
Subsoil moisture				
Very short.....	14	12	5	9
Short .....	11	10	10	11
Adequate.....	67	76	85	76
Surplus.....	8	2	--	4

NA – not available

(--) – zero

### CROP, PASTURE, AND RANGE CONDITION

Commodity	Current week	Previous week	Previous year	5-year average
	(percent)	(percent)	(percent)	(percent)
Alfalfa hay				
Very poor.....	--	--	--	--
Poor.....	4	4	--	1
Fair.....	14	9	1	11
Good .....	32	33	47	41
Excellent.....	50	54	52	47
Cotton				
Very poor.....	--	--	--	--
Poor.....	--	--	--	2
Fair .....	--	--	5	10
Good .....	45	30	49	61
Excellent.....	55	70	46	27
Pasture and range				
Very poor.....	18	14	6	23
Poor.....	19	16	21	22
Fair .....	28	23	31	27
Good .....	30	33	27	25
Excellent.....	5	14	15	3

NA – not available

(--) – zero