

ARIZONA CROP PROGRESS



United States Department of Agriculture
NATIONAL AGRICULTURAL STATISTICS SERVICE
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CROP PROGRESS AND CONDITION WEEK ENDING JUNE 16, 2024

AGRICULTURAL SUMMARY: By week’s end, 51 percent of Arizona cotton had squared, and 15 percent had set bolls, up 1 and 8 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 30 percent of the crop rated good. Eighty-five percent of the State’s barley had been harvested, down 5 percentage points from the previous year’s levels. Seventy-five percent of Arizona’s Durum wheat had been harvested, up 3 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. A report from Navajo and Apache Counties stated that the first cutting of alfalfa had begun throughout the area. Arizona’s alfalfa crop was rated in mostly good to excellent condition, with only 13 percent of the crop rated fair to poor. Pasture and range conditions throughout the State deteriorated when compared to that of the previous report. Fourteen percent of the State’s pasture and rangeland was rated very poor, 16 percent was rated poor, 23 percent was rated fair, 33 percent was rated good, and 14 percent was rated excellent. Reports from Apache and Navajo Counties stated that incessant winds have contributed to the drying of rangelands, and that forages that were once green are now maturing. As of June 11, the National Drought Mitigation Center’s Grass Productivity Forecast (Grass-Cast) showed that native forage production for most areas south and west of the Mogollon Rim is generally expected to be 5 to 15 percent less than the area’s 36-year average, whereas native forage production for areas north and east of the Mogollon Rim is generally expected to be 15 to 30 percent less than the area’s 36-year average. Native forage production for southeastern counties is expected to be at least 30 percent less than the area’s 36-year average. Topsoil moisture levels remained mostly adequate, with 15 percent rated very short, 8 percent rated short, 75 percent rated adequate, and 2 percent rated surplus. Subsoil moisture levels followed a similar trend.

Over the past week, measurable precipitation was experienced across southwestern and central areas of the State, while northwestern and southeastern areas remained relatively dry. According to the National Oceanic and Atmospheric Administration (NOAA), isolated areas across Arizona’s northern plateaus, as well as the Juniper Mountains, received the most precipitation, accumulating approximately 0.25 inches, while other areas of the State received trace amounts. 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. Similarly, the seasonal total precipitation outlook continues to show equal odds for either above, near, or below normal seasonal total precipitation for southern and western areas while northern and eastern regions continue to lean below normal. 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. Streamflow conditions in portions of the Verde, Upper, and Lower Colorado River Basins, continues to be well below normal. Arizona’s remaining river basin’s streamflow conditions continue to be rated from above normal to normal. As of June 11, 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) encompassed 17 percent, and severe drought (D2) enveloped 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 1 to 8 degrees above normal and ranged from the low 80’s in southern Apache 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 45 to 65 degrees across northern and eastern counties, whereas southwestern counties experienced lows of 70 to 85 degrees Fahrenheit.

CROP PROGRESS

Commodity	Current week (percent)	Previous week (percent)	Previous year (percent)	5-year average (percent)
Barley				
Harvested for grain.....	85	83	90	84
Cotton				
Squaring.....	51	37	45	50
Setting Bolls.....	15	4	5	7
Durum wheat				
Harvested for grain.....	75	68	72	65

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	7.0
Topsoil moisture	(percent)	(percent)	(percent)	(percent)
Very short.....	15	6	4	14
Short	8	7	7	10
Adequate.....	75	84	88	76
Surplus.....	2	3	1	--
Subsoil moisture				
Very short.....	12	6	5	13
Short	10	6	6	10
Adequate.....	76	85	88	75
Surplus.....	2	3	1	2

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	2	--	1
Fair.....	9	12	1	10
Good	33	34	42	40
Excellent.....	54	52	57	49
Cotton				
Very poor.....	--	--	1	--
Poor.....	--	--	1	1
Fair	--	--	6	10
Good	30	37	55	67
Excellent.....	70	63	37	22
Pasture and range				
Very poor.....	14	5	15	26
Poor.....	16	8	30	22
Fair	23	22	28	25
Good	33	42	18	24
Excellent.....	14	23	9	3

NA – not available

(--) – zero