



# Utah Crop Progress & Conditions

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Issue 8 Week Ending May 2, 2010

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## Agricultural Summary

Days suitable for fieldwork were 4.3. A series of storms hit the State of Utah last week which brought, snow, rain, as well as heavy winds. Soil moisture content increased from the previous week. Topsoil moisture was rated 14 percent short, 82 percent adequate, and 4 percent surplus.

## Field Crops Summary

**Box Elder and Utah County** Producers continued to work in the fields when possible. Field work included planting corn, safflower, spring wheat, barley, and oats. The Bear River Canal system started filling up water canals on April 30th. Producers will now begin irrigating alfalfa, and winter wheat crops. Warmer temperatures would help as crops tend to go yellow when irrigated with cold irrigation water and cold temperatures. Western Utah County dry land wheat farms are in need of more moisture. There have been some reports of grasshoppers; producers are encouraged to monitor their fields and rangeland. Fruit producers are very concerned about possible frost damage. **Cache County** reported a slow week for field work due to a series of storms which bombarded the county. The greatest difficulty came from high winds Wednesday evening which resulted in a significant amount of damage to sprinkler lines on wheels. Many of those lines have been twisted, broken, and most will need to be totally replaced. There was also some damage to roofs along with power outages. As soon as temperatures improve, most growers will finish planting small grains and alfalfa, and will begin planting corn for silage. **Morgan and Weber County** farmers reported that cold wet weather has been slowing spring planting and crop growth. Farmers will start planting corn as soon as the soil dries sufficiently. **San Juan County** temperatures have been cool and slowed wheat, and alfalfa growth. Fields have dried out enough so farmers can begin planting safflower. Wheat stands look good but they are thin due to poor germination last fall. Good soil moisture should improve yields.

## Livestock Summary

**Box Elder County** cattle producers are finishing up branding and vaccinating calves and are preparing to move them to additional pastures. Beef cattle producers report good success with calving and minimal mortality this year. Rangeland producers are starting to see damage from Black Grass bugs in some areas. The areas that were sprayed last year look good, and it appears that the spray reduced the numbers of the bugs significantly. Sheep producers with range flocks are in the middle of lambing. The cold temperatures and wind that was experienced last week caused some lambing losses. **Cache, Utah, and Sevier County** livestock continue to be in good condition, though pasture and rangeland growth is slow because of cool temperatures. **Duchesne County** reported changes in temperature have been hard on young stock. Many producers reported death loss due to scours and pneumonia. Most producers are close to being finished with lambing and calving. **San Juan County** cattle will begin coming off BLM ranges this week. Range forage is slowly growing due to cold temperatures.

**Soil Moisture  
for Week Ending May 2, 2010**

Item	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	0	14	82	4
Subsoil	6	14	80	0
Irrigation water supplies	0	6	88	6
Stock water supplies	1	5	94	0

**Crop & Livestock Condition  
for Week Ending May 2, 2010**

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	0	5	32	58	5
Winter Wheat	1	6	26	57	10
Sheep	0	1	13	71	15
Cattle/calves	0	2	14	70	14

**Livestock Percent  
for Week Ending May 2, 2010**

Item	Current Week	Previous Week	Previous Year	5-Year Average
	Percent	Percent	Percent	Percent
Cows Calved	91	88	87	93
Sheep Sheared on Farm	77	65	72	64
Sheep Sheared on Range	72	63	49	54
Ewes Lambded on Farm	91	87	91	92
Ewes Lambded on Range	62	45	44	59

**Crop Progress  
for Week Ending May 2, 2010**

Item	Current Week	Previous Week	Previous Year	5 Year Average
	Percent	Percent	Percent	Percent
Barley Planted	90	82	65	73
Barley Emerged	68	57	NA	36
Oats Planted	66	47	57	61
Oats Emerged	33	19	17	23
Spring Wheat Planted	85	77	76	82
Spring Wheat Emerged	52	41	NA	46
Winter Wheat Head Stage	3	2	4	2
Corn Planted	15	12	9	14
Apple Full Bloom	36	19	37	78
Apricots Full Bloom	90	85	96	95
Peach Full Bloom	81	67	84	84
Sweet Cherries Full Bloom	60	51	85	92
Tart Cherries Full Bloom	51	45	83	91

## Utah Soil Climate Analysis Network - May 3, 2010

Site name	County	Precip to Date*	Weekly Precip	Avg Air Temp	Soil Moisture					Soil Temperature				
					2"	4"	8"	20"	40"	2"	4"	8"	20"	40"
		<i>in.</i>	<i>in.</i>	<i>°F</i>	<i>volume %</i>					<i>°F</i>				
<b>WESTERN</b>														
Grouse Creek <sup>na</sup>	<i>Box Elder</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Park Valley	<i>Box Elder</i>	<u>2.4</u>	0.04	44	12	12	24	29	28	44	47	51	49	48
Goshute	<i>Tooele</i>	<u>1.5</u>	0.00	40	13	28	37	26	32	39	44	49	47	47
Dugway	<i>Tooele</i>	4.5	0.02	46	29	36	46	65	15	49	53	54	52	51
Tule Valley	<i>Millard</i>	<u>1.8</u>	0.60	44	20	22	23	20	7	42	49	54	54	55
Hal's Canyon	<i>Millard</i>	<u>0.9</u>	0.37	42	4	10	13	8	8	43	49	52	52	51
Enterprise	<i>Washington</i>	8.0	0.19	40	15	39	33	24	16	45	49	49	50	49
<b>DIXIE</b>														
Sand Hollow	<i>Washington</i>	<u>5.5</u>	0.01	55	0	1	2	5	3	47	60	65	64	63
<b>NORTH CENTRAL</b>														
Blue Creek	<i>Box Elder</i>	4.9	0.14	39	28	31	38	36	24	43	46	46	45	45
Cache Junction	<i>Cache</i>	6.2	nd	48	33	34	39	40	28	47	48	49	47	44
Grantsville	<i>Tooele</i>	5.5	0.31	43	12	6	27	28	21	44	51	53	52	52
<b>SOUTH CENTRAL</b>														
Nephi	<i>Juab</i>	6.1	0.50	37	21	18	17	10	0	44	44	46	47	48
Ephraim	<i>Sanpete</i>	3.4	0.20	37	14	20	20	23	34	38	44	45	45	46
Holden	<i>Millard</i>	5.1	0.45	39	13	12	8	16	13	45	47	49	49	51
Milford	<i>Beaver</i>	7.1	0.34	39	29	35	36	45	16	47	49	49	49	49
Manderfield	<i>Beaver</i>	<u>0.4</u>	0.19	37	19	27	26	24	8	41	46	46	45	45
Circleville	<i>Piute</i>	4.0	0.59	35	28	18	26	20	23	42	45	46	47	46
Panguitch	<i>Garfield</i>	<u>2.2</u>	0.02	34	13	30	26	35	27	39	44	44	46	45
Cave Valley	<i>Washington</i>	<u>2.1</u>	0.01	38	1	6	6	6	7	32	42	46	49	48
Vermillion	<i>Kane</i>	<u>0.3</u>	0.00	39	2	7	8	14	0	40	45	49	47	46
Spooky	<i>Kane</i>	<u>0.3</u>	0.21	44	1	0	5	25	27	52	51	54	55	55
<b>NORTHERN MOUNTAINS</b>														
Chicken Ridge	<i>Morgan</i>	5.3	0.29	30	21	17	22	23	27	37	37	38	39	39
Buffalo Jump	<i>Rich</i>	5.1	0.15	34	13	20	20	17	-	38	41	42	42	-
Morgan	<i>Morgan</i>	8.8	0.66	39	25	29	28	15	7	45	45	46	45	44
<b>UINTAH BASIN</b>														
Mountain Home	<i>Duchesne</i>	4.0	0.01	35	23	31	35	31	18	44	45	45	45	46
Little Red Fox	<i>Duchesne</i>	<u>1.1</u>	0.00	42	1	36	49	23	45	47	53	53	51	49
Split Mountain	<i>Uintah</i>	<u>1.7</u>	0.22	45	15	28	22	17	10	42	47	52	50	50
<b>SOUTHEAST</b>														
Price	<i>Carbon</i>	3.3	0.00	42	1	17	24	16	17	49	52	53	53	52
Green River	<i>Emery</i>	4.1	0.00	51	6	9	11	7	11	59	62	64	61	59
Harm's Way	<i>San Juan</i>	<u>2.4</u>	0.03	37	20	8	31	31	17	44	40	47	47	46
West Summit	<i>San Juan</i>	3.8	0.04	35	22	26	28	27	33	39	41	46	45	45
Eastland	<i>San Juan</i>	5.2	0.00	36	19	21	23	33	36	41	44	45	45	45
Alkali Mesa	<i>San Juan</i>	7.5	0.00	40	17	17	27	32	29	43	43	46	48	47
McCracken Mesa	<i>San Juan</i>	5.5	0.07	43	10	21	22	25	22	45	51	54	54	54

\*since October 1, 2009 unless underlined (Park Valley 1/14/10; Goshute 3/1/10; Tule Valley 3/8/10; Hal's Canyon 3/9/10; Sand Hollow 1/27/10; Panguitch 1/25/10; Little Red Fox 1/20/10; Split Mountain 1/19/10; Harm's Way 3/3/10; Cave Valley 4/12/10; Vermillion 4/13/10; Spooky 4/14/10; Manderfield 4/16/10), <sup>na</sup>site installation expected May 2010, <sup>nd</sup>missing data.

SCAN site locations and hourly data including wind speed, wind direction, relative humidity, barometric pressure, solar radiation, etc. are available at <http://www.wcc.nrcs.usda.gov/scan/utah/utah.html>