

# Alberta Crop Report



## Crop Conditions as of June 8, 2021 (Abbreviated Report)

Spring conditions have been favourable for plant emergence with 91 per cent of all major crop acres in Alberta now up and out of the ground (See Table 1). This is an increase of 17 per cent over last week, and is also ahead of the five-year average of 82 per cent and 10-year average of 86 per cent emerged for this week in history. Spring wheat is 94 per cent emerged, six points ahead of the five-year average, while barley is 87 per cent emerged compared to the five-year average of 80 per cent and oats are 81 per cent compared to 66 on the five-year average. Canola respondents consider 87 per cent of acres emerged compared to the five-year average of 77, followed by peas at 98 per cent emerged while the five-year average is 91 per cent. Seeding progress now considered at 100 per cent complete on the major crop acres in the province, with very few acres of barley or oats left to plant for feed in Central, North East and North West regions.

**Table 1: Emergence of Major Crops as of June 8, 2021**

	% Emerged					
	South	Central	N East	N West	Peace	Alberta
Spring Wheat*	91.3%	89.4%	99.2%	95.8%	96.3%	94.3%
Barley*	90.5%	87.3%	84.3%	82.2%	89.9%	87.4%
Oats*	97.9%	78.7%	82.4%	74.2%	86.1%	80.9%
Canola*	83.9%	78.8%	90.1%	89.0%	94.5%	87.3%
Dry Peas*	99.7%	98.6%	100%	93.8%	95.7%	98.3%
<b>Average</b>	<b>90.4%</b>	<b>86.0%</b>	<b>93.4%</b>	<b>90.0%</b>	<b>94.6%</b>	<b>90.7%</b>
Last Week	77.9%	73.1%	75.0%	62.8%	72.9%	73.5%
Last Year	91.9%	86.3%	82.9%	41.2%	39.9%	74.5%
5-year (2016-2020) Avg.	92.4%	87.7%	81.5%	70.2%	67.9%	82.3%
10-year (2011-2020 Avg.)	93.0%	89.7%	85.2%	79.6%	77.0%	86.3%

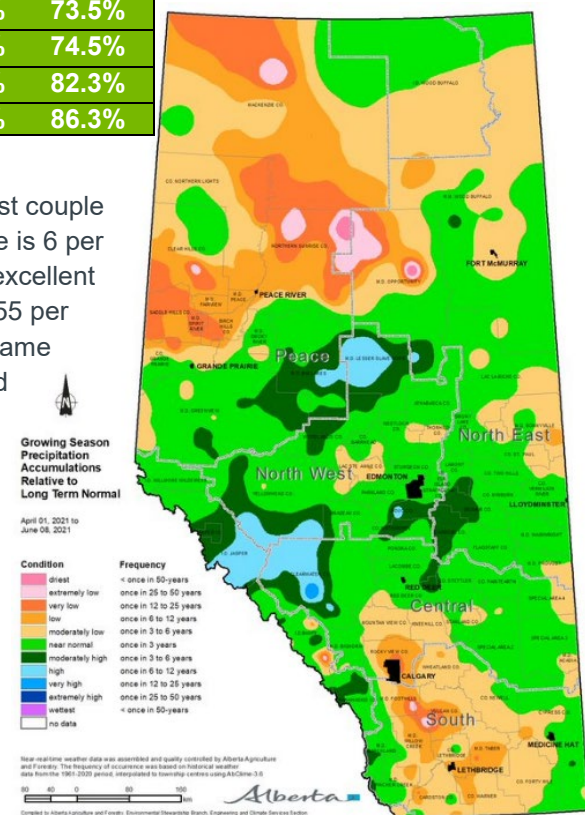
Source: AF/AFSC Crop Reporting Survey

Tame hay and pasture are now coming along nicely in most areas after the last couple of weeks of alternating rain and heat. Current survey results show that pasture is 6 per cent poor, 27 per cent fair, 60 per cent good with the remaining 7 per cent in excellent condition. Tame hay ratings are similar with 8 per cent poor, 29 per cent fair, 55 per cent good and 8 per cent rated as excellent (See Table 2). Both pasture and tame hay have more acres rated as fair with less acres rated excellent as compared to the five- and ten-year averages.

**Table 2: Tame Hay Ratings as of June 8, 2021**

	Poor	Fair	Good	Excellent
South	3.5%	31.4%	59.2%	5.9%
Central	5.7%	14.2%	63.8%	16.3%
North East	17.0%	44.7%	35.3%	3.0%
North West	0.9%	20.1%	75.4%	3.6%
Peace	15.5%	44.6%	32.9%	7.0%
<b>Average</b>	<b>8.0%</b>	<b>29.4%</b>	<b>54.8%</b>	<b>7.8%</b>
5-year (2016-2020) Avg.	6.7%	22.5%	55.6%	15.2%
10-year (2011-2020 Avg.)	11.0%	21.5%	51.9%	15.6%

Source: AF/AFSC Crop Reporting Survey



Soil moisture conditions have moved slightly from last week as a result of the mixed rain and heat around the province. Surface soil moisture (last week in brackets) is 6 (3) per cent rated as poor, 23 (22) per cent fair, 55 (59) per cent good, 15 (16) per cent excellent with 1 (0) per cent rated as excessive. Sub-surface soil moisture (last week in brackets) is currently estimated at 7 (4) per cent poor, 25 (23) per cent fair, 47 (54) per cent good, and 21 (19) per cent excellent. The precipitation during this growing season has resulted in large areas of the Peace and South regions experiencing drier than normal conditions (see yellow and pale orange areas on map page 1). In addition, parts of the Peace, as well as pockets in the South region between Calgary and Lethbridge, are experiencing dry conditions that occur less than one in 12 to 25 years (dark orange on map page 1). There are also some smaller pockets in both Peace and South experiencing dry conditions once in 25 to 50 years (pink on map page 1).

## Regional Assessments:

### Region One: South (Strathmore, Lethbridge, Medicine Hat, Foremost)

- Warm temperatures and windy conditions reported throughout most of the region in the last week. Crops will soon be in need of rain to continue growth. Hail reported in Cypress County, Vulcan, and Foothills.
- Some wind damage on small emerging crops.
- Spring-seeded cereals are midway through the tillering stage of the Zadocs growth scale, with most crops having four or five tillers.
- Surface moisture (sub-surface moisture in brackets) rating are 5 (8) per cent poor, 36 (38) per cent fair, 55 (52) per cent good, and 4 (2) per cent excellent.
- Tame hay conditions (pasture shown in brackets) are rated 4 (3) per cent poor, 31 (30) per cent fair, 59 (62) per cent good, and 6 (5) per cent excellent.

### Region Two: Central (Rimbey, Airdrie, Coronation, Oyen)

- Warm weather early in the week followed by weekend precipitation, up to 40 mm, was reported in the region. Hail was reported in the Acadia, and Special Areas 2 and 3.
- Barley and oats are nearing the end of the seedling stage of the Zadocs growth scale, with six or seven leaves unfolded, while spring wheat has just entered the tillering stage.
- Surface moisture (sub-surface moisture in brackets) rating are 6 (10) per cent poor, 14 (16) per cent fair, 50 (48) per cent good, 28 (26) per cent excellent, and 2 (0) per cent rated as excessive.
- Tame hay conditions (pasture shown in brackets) are rated 6 (8) per cent poor, 14 (18) per cent fair, 64 (64) per cent good, and 16 (10) per cent excellent.

### Region Three: North East (Smoky Lake, Vermilion, Camrose, Provost)

- Warm temperatures and windy conditions reported throughout most of the region in the last week.
- Western part of region reporting some reseeded canola due to hard soil crusting caused by heavy rains right after seeding.
- Spring-seeded cereals are midway through the seedling stage of the Zadocs growth scale, with most crops having four to eight leaves unfolded.
- Surface moisture (sub-surface moisture in brackets) rating are 5 (2) per cent fair, 68 (40) per cent good, 26 (57) per cent excellent, and 1 (1) per cent rated as excessive.
- Tame hay conditions (pasture shown in brackets) are rated 17 (4) per cent poor, 45 (36) per cent fair, 35 (53) per cent good, and 3 (7) per cent excellent.

## Region Four: North West (Barrhead, Edmonton, Leduc, Drayton Valley, Athabasca)

- Warm temperatures mixed with some rainfall reported throughout most of the region in the last week.
- Heavy rains and a high water table mixed with heavier soil has led to small pockets of flooded and unseedable acres southeast of Edmonton.
- Spring-seeded cereals are midway through the seedling stage of the Zadocs growth scale, with most crops having three to six leaves unfolded.
- Surface moisture (sub-surface moisture in brackets) rating are 0 (4) per cent poor, 15 (30) per cent fair, 70 (53) per cent good, 14 (13) per cent excellent, and 1 (0) per cent rated as excessive.
- Tame hay conditions (pasture shown in brackets) are rated 1 (0) per cent poor, 20 (19) per cent fair, 75 (77) per cent good, and 4 (4) per cent excellent.

## Region Five: Peace (Fairview, Falher, Grande Prairie, Valleyview)

- Dry and windy conditions prevailed throughout the region last week.
- Spring-seeded cereals are midway through the seedling stage of the Zadocs growth scale, with most crops having four or five leaves unfolded.
- Surface moisture (sub-surface moisture in brackets) rating are 19 (16) per cent poor, 45 (46) per cent fair, 32 (32) per cent good, and 4 (6) per cent excellent.
- Tame hay conditions (pasture shown in brackets) are rated 15 (17) per cent poor, 45 (45) per cent fair, 33 (32) per cent good, and 7 (6) per cent excellent.

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