

# Alberta Crop Report



## Crop Conditions as of September 28, 2021 (Abbreviated)

Overall, the weather this past week supported good harvest conditions with warm temperatures and some showers or rainfall reported in the North East, North West and Peace regions causing short interruptions (see Map). There are incidents of mild frost in pockets around the province, but a killing frost has yet to be reported. The average timeframe for killing frost is the first 10 days of October, depending upon location. Harvest progress increased 12 points over last week and is now 90 per cent complete (Table 1). Of the crop remaining, six per cent is standing and four per cent is in the swath. There are reports of standing canola with green growth holding up harvest in the North West and Peace regions, as well as western counties of North East region. Peace region currently estimates 71 per cent of crop is in the bin, North West region is at 80 per cent harvested, with South, Central and North East all hovering close to 95 per cent combined.

**Table 1: Estimate of Harvest Progress as of September 28, 2021**

	Per Cent of Crops Combined					
	South	Central	N East	N West	Peace	Alberta
Spring Wheat	95.5%	96.8%	98.4%	89.4%	83.0%	94.5%
Barley	95.0%	97.8%	97.3%	88.2%	71.5%	93.8%
Oats	98.9%	92.8%	94.7%	79.0%	68.0%	84.6%
Canola	87.9%	87.2%	91.8%	67.7%	56.9%	80.6%
Dry Peas	100%	100%	100%	100%	96.3%	99.2%
Major Crops	94.0%	94.1%	95.5%	80.4%	71.3%	89.5%
Last Year	90.4%	70.6%	65.6%	52.2%	42.6%	68.4%
5-year (2016-2020) Avg.	81.8%	47.9%	38.6%	27.5%	30.1%	48.7%
10-year (2011-2020) Avg.	84.9%	55.0%	51.8%	43.6%	49.0%	59.3%

Source: AF/AFSC Crop Reporting Survey

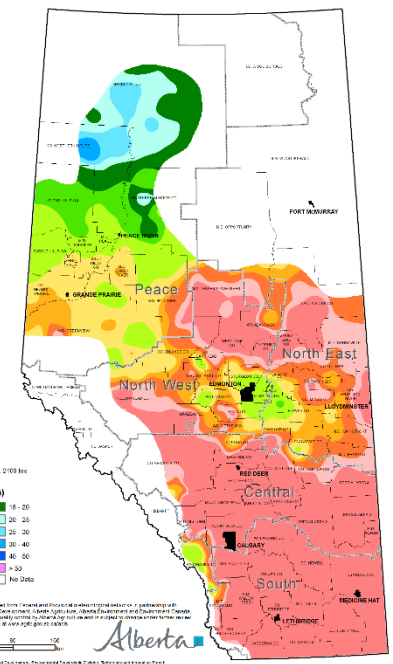
**Table 2: Sub-surface Soil Moisture Conditions as of September 28, 2021**

	Poor	Fair	Good	Excellent	Excessive
South	62.3%	29.4%	8.0%	0.3%	0.0%
Central	33.6%	37.9%	28.6%	0.0%	0.0%
North East	42.3%	23.6%	32.0%	2.0%	0.0%
North West	13.1%	32.9%	42.0%	12.0%	0.0%
Peace	37.5%	36.2%	24.9%	1.4%	0.0%
Average	43.0%	31.5%	23.5%	1.9%	0.0%
5-year (2011-2020) Avg.	14.6%	22.2%	41.5%	20.4%	1.4%

Source: AF/AFSC Crop Reporting Survey

Soil moisture conditions declined somewhat from last week with low amounts of rainfall recorded for most of the province. Surface soil moisture (last week in brackets) is currently estimated as 34 (30) per cent poor, 35 (31) per cent fair, 29 (37) per cent good and 2 (2) per cent excellent. Sub-surface soil moisture ratings (last week in brackets) of poor are 43 (41) per cent, fair 31 (30) per cent, good 24 (26) per cent and excellent is 2 (3) per cent. Fall rains are needed now, along with at least near normal moisture throughout the winter in early spring to prepare for next year's plantings.

Pastures are now going dormant in most areas. Current conditions are reported as 47 per cent poor, 32 per cent fair, 20 per cent good with only 1 per cent excellent. Livestock producers are making use of every available feed source including already reaped annual crop acres, and some sparse regrowth on feed crops harvested early.



Precipitation Received During the Past 8-days

September 20, 2021 to September 28, 2021 (Total: 2109 km)

Precipitation (mm)

- +0.5
- 0.5 - 1.5
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 13
- 10 - 15
- 18 - 20
- 20 - 25
- 25 - 30
- 30 - 40
- 40 - 50
- >50
- No Data

Source: Data collected from Environment Canada's National Precipitation Data Network (NPDN) and the National Climate Data Centre (NCDC). Data is presented as a 5-day average. The data is not available for all areas of the province.

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Alberta

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## Regional Assessments:

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

- Harvest progress rose by 10 points over last week. Farmers have 94 per cent of the major crops in the bin, well ahead of the five- and 10-year averages of 82 and 85 per cent respectively. Peas are done, oats are 99 per cent complete, followed by spring wheat at 96 and barley at 95 and canola at 88 per cent harvested. The harvest of potatoes is approximately 50 per cent completed and the main sugar beet harvest started this week.
- Pastures are rating 39 per cent poor, 40 per cent fair, 21 per cent good and none rated excellent.

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

- Harvest progress rose by 10 points over last week. Farmers have harvested 94 per cent of the major crops; significantly ahead of the five- and 10-year averages of 48 and 55 per cent respectively. The pea harvest is complete, barley is 98 per cent complete, followed by spring wheat at 97, oats at 93 and canola at 87 per cent harvested. Combining east of Highway 2 is ahead of western areas.
- Pastures are rating 33 per cent poor, 35 per cent fair, 30 per cent good and 2 per cent rated excellent.

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

- Harvest progress rose by 11 points over last week. Farmers have 96 per cent of the major crops in the bin, significantly ahead of the five- and 10-year averages of 39 and 52 per cent respectively. The pea harvest has wrapped up, spring wheat is 98 per cent complete, followed by barley at 97, oats at 95 and canola at 92 per cent harvested. Reports within the region of standing canola being very green.
- Pastures are rating 88 per cent poor, 8 per cent fair, 4 per cent good and none rated excellent.

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

- Harvest progress rose by 16 points over last week. Farmers have harvested 80 per cent of the major crops; significantly ahead of the five- and 10-year averages of 28 and 44 per cent respectively. Peas are done, spring wheat is at 89 per cent complete, followed by barley at 88, oats at 79 and canola at 68 per cent harvested. Northern parts of the region are reporting issues with standing canola being very green.
- Pastures are rating 37 per cent poor, 33 per cent fair, 30 per cent good and none rated excellent.

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

- Harvest progress rose by 14 points over last week. Farmers have harvested 71 per cent of the major crops; significantly ahead of the five- and 10-year averages of 30 and 49 per cent respectively. The pea harvest is 96 per cent complete, spring wheat is 83 per cent complete, followed by barley at 72, oats at 68 and canola at 57 per cent harvested. Reports of crops left to be harvested which are still green because of second growth.
- Pastures are rating 57 per cent poor, 33 per cent fair, 10 per cent good and none rated excellent.

## Contacts

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