

# Alberta Crop Report



## Crop Conditions as of September 27, 2022 (Abbreviated)

Over the past week, harvest completion of major crops across the province has increased from 76 to 88 per cent. As can be seen on the below map, with exception of the Peace region, Alberta was well below historical normal for September precipitation allowing harvest to proceed without significant interruption. Spring wheat, barley and dry peas are nearing completion at 95, 95 and 99 per cent harvested respectively. Oats, at 86 per cent harvested, and canola, at 75 per cent harvested, are the major crops with significant acreage left still standing or in the swath. Over the past week, combining of canola has increased from 54 per cent completion to now 75 per cent, with an additional 14 per cent swathed. Only seven per cent of major crops in Alberta are now left standing, much lower than the 24 per cent five-year average. Many producers across the province have or will finish their harvest season earlier than long-term normal.

**Table 1: Estimates of Crop Harvest Progress as of September 27, 2022**

	Per cent of Crops Combined					Alberta
	South	Central	N East	N West	Peace	
Spring Wheat*	98.4%	95.9%	97.6%	89.3%	87.4%	<b>95.3%</b>
Barley*	99.2%	96.6%	95.5%	91.2%	83.2%	<b>95.4%</b>
Oats*	99.0%	91.5%	92.4%	78.1%	80.7%	<b>85.9%</b>
Canola*	92.2%	64.1%	81.0%	55.2%	74.3%	<b>74.8%</b>
Dry Peas*	99.9%	100%	100%	100%	93.4%	<b>98.6%</b>
Major Crops (*), Sep 27	97.0%	85.5%	90.2%	75.1%	81.1%	<b>87.6%</b>
Major Crops (*), Sep 20	91.5%	75.9%	72.7%	59.1%	68.3%	<b>75.6%</b>
Major Crops, Last Year	94.0%	94.1%	95.5%	80.4%	71.3%	<b>89.5%</b>
5-yr (2017-2021) Avg	85.9%	60.7%	48.1%	37.3%	36.6%	<b>57.3%</b>
10-yr (2012-2021) Avg	86.3%	58.4%	55.4%	48.3%	54.6%	<b>62.6%</b>

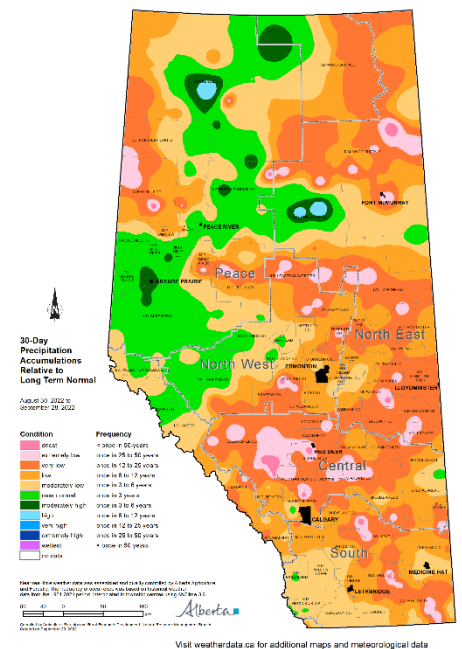
Source: AFRED/AFSC Crop Reporting Survey

**Table 2: Alberta Surface Soil Moisture Ratings as of September 27, 2022**

	Poor	Fair	Good	Excellent	Excessive
South	39.3%	49.7%	10.4%	0.6%	0.0%
Central	23.1%	44.9%	32.0%	0.0%	0.0%
North East	39.8%	38.2%	21.4%	0.6%	0.0%
North West	15.8%	43.8%	39.5%	0.9%	0.0%
Peace	28.9%	21.6%	45.6%	4.0%	0.0%
Province	<b>31.2%</b>	<b>42.6%</b>	<b>25.4%</b>	<b>0.8%</b>	<b>0.0%</b>
5-year (2017-2021) Avg	17.9%	23.0%	41.6%	16.1%	1.5%
10-year (2012-2021) Avg	14.1%	24.1%	44.5%	16.1%	1.2%

Source: AFRED/AFSC Crop Reporting Survey

Pastures are being reported at below historical normal growing conditions and 31 per cent of Alberta pasture land is reported as poor. Currently only 25 per cent of Alberta's pasture land is reported as good or excellent, well below the 10-year average of 44 per cent. Late summer and fall drying trends continue across the province. The Peace region is reporting 60 per cent of pastures as poor and also reports some of the lowest sub-surface soil moisture ratings in the province. The Peace received significant rainfall last week. However, despite this rain and favorable spring moisture even the Peace is now below average long-term soil moisture. Other regions and especially the South are reporting continued decreases to surface soil moisture. Across the province, 31 per cent of farmland is reported as poor surface soil moisture, more than double the 10-year average of 14 per cent. Only one percent is reported as excellent surface soil moisture and there is no reported excessive moisture.



## Regional Assessments:

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

- Warm, dry conditions have led to the harvest season for major crops nearing completion. With exception of canola, which is four per cent still standing and another four percent in the swath, all major crops are basically finished harvest at 98 per cent or higher of combining completed.
- Surface soil moisture conditions (sub-surface shown in brackets) are rated as 39 (49) per cent poor, 50 (42) per cent fair, 10 (nine) per cent good and zero (zero) per cent excellent.

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

- Dry peas are 100 per cent harvested and spring cereals from 92 to 97 per cent complete. Canola is 64 per cent combined and 23 per cent in the swath. Pastures and fall-seeded crops are reported stressed from lack of moisture. Seventy per cent of fall-seeded crops are reported as poor or fair.
- Surface soil moisture conditions (sub-surface shown in brackets) are rated as 23 (28) per cent poor, 45 (43) per cent fair, 32 (28) per cent good and zero (zero) per cent excellent.

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

- Dry peas are 100 per cent harvested and spring cereals from 92 to 98 per cent complete. Canola is 81 per cent combined and seven per cent in the swath and is reported in highly variable maturity.
- Surface soil moisture conditions (sub-surface shown in brackets) are rated as 40 (26) per cent poor, 38 (38) per cent fair, 21 (33) per cent good and one (three) per cent excellent.

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

- Dry peas are 100 per cent harvested and spring cereals from 78 per cent (oats) to 91 per cent. Canola harvest is the regionally lowest progress of the province at 55 per cent harvested and another 31 per cent in the swath. Variable canola maturity and yields are reported. Eighty-eight per cent of fall-seeded crops are reported as poor or fair.
- Surface soil moisture conditions (sub-surface shown in brackets) are rated as 16 (three) per cent poor, 44 (29) per cent fair, 40 (67) per cent good and one (zero) per cent excellent.

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

- Dry peas are 93 per cent harvested, spring cereals from 81 to 87 per cent harvested and canola is 74 per cent harvested. Last week's reported rains only delayed harvest by one or two days across the region. Pasture is variable and reported mostly as either good (30 per cent) or poor (60 per cent).
- Surface soil moisture conditions (sub-surface shown in brackets) are rated as 29 (42) per cent poor, 22 (18) per cent fair, 46 (28) per cent good and four (two) per cent excellent.

## Contacts

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