

Alberta Crop Report

Crop conditions as of June 10, 2025
(Abbreviated Report)

The previously reported rapid completion of seeding operations has been followed by a similarly rapid emergence of the 2025 crop. The emergence of major crops at the provincial level has reached 95 per cent, significantly ahead of the 5-year average of 84 per cent and the 10-year average of 86 per cent (see Table 1). Provincial dry pea emergence and spring wheat emergence is virtually complete (100 per cent) compared to a 5-year average of 92 per cent and 90 per cent, respectively. Barley emergence of 96 per cent is nearing completion, ahead of the 5-year average of 84 per cent. For later seeded crops, the canola emergence is at 89 per cent which leads the 5-year average of 78 per cent, while the oat crop emergence is at 85 per cent, ahead of the 5-year average of 71 per cent.

Table 1: Emergence of Major Crops as of June 10, 2025

	% Emerged					
	South	Central	N East	N West	Peace	Alberta
Spring Wheat	99.5%	99.6%	99.0%	100.0%	100.0%	99.5%
Barley	99.7%	98.3%	91.2%	92.1%	94.0%	96.4%
Oats	94.5%	84.0%	83.4%	76.8%	94.8%	85.1%
Canola	95.6%	94.4%	79.5%	90.8%	89.7%	88.8%
Dry Peas	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Major Crops, June 10	98.6%	97.4%	89.5%	93.6%	94.3%	94.7%
5-year (2020-2024) Avg	88.0%	90.9%	87.9%	77.2%	67.6%	84.4%
10-year (2015-2024) Avg	90.5%	90.4%	86.2%	79.9%	73.4%	85.5%

Source: AGI/AFSC Crop Reporting Survey

Rapid emergence of the 2025 crop has been followed by advanced development of the crop as well. For major cereal crops, provincial spring wheat and barley are reported as in the middle stages of tillering, when the 5-year and 10-year average development expected is only to be in early tillering for this week. Similarly, oat crop development is in the later stages of leaf development, when the 5-year and 10-year average development expectations are for middle leaf development stages at this time.

Despite the favourable emergence rates and crop development progress, the current limited soil moisture is not supportive, particularly in advanced crops where deeper soil moisture reserves are needed. However, weather conditions in Alberta can vary rapidly and timely rainfall will be needed in several regions for crop development to continue to progress. Reports indicate that precipitation is anticipated across most of the province prior to the release of the next report.

Surface soil moisture levels across the province have continued to decrease this week due to ongoing dry and windy conditions. The provincial good-to-excellent surface moisture rating is currently 20 per cent, which remains below the 5-year average of 61 per cent and the 10-year average of 61 per cent.

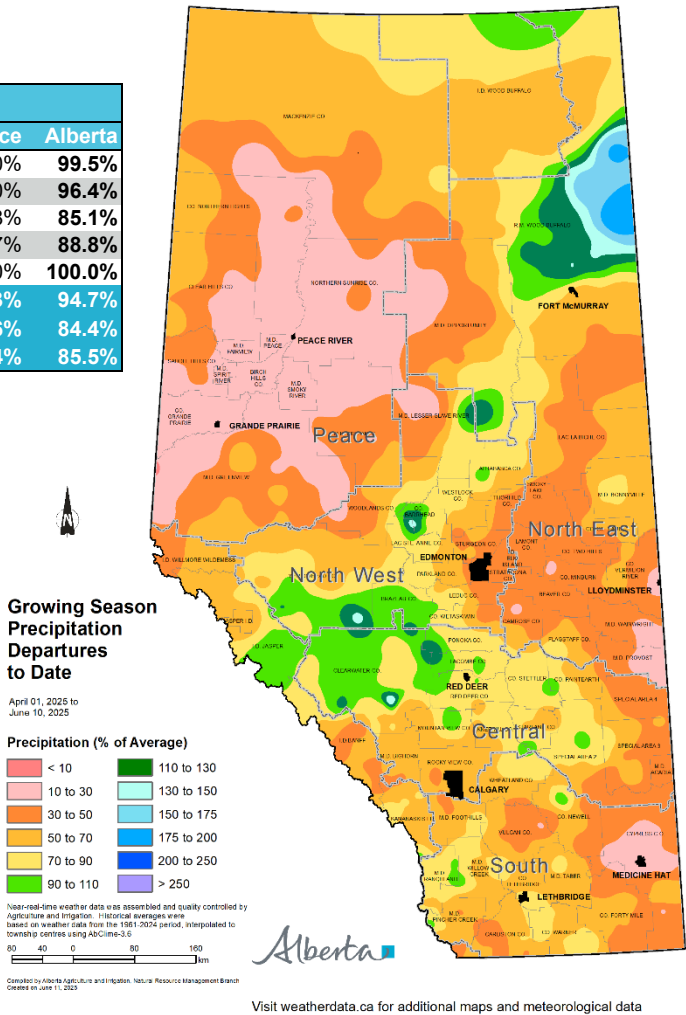


Table 2: Alberta Surface Soil Moisture Ratings as of June 10, 2025

	Poor	Fair	Good	Excellent	Excessive
South	36.0%	45.8%	16.5%	1.7%	0.0%
Central	29.1%	55.0%	15.3%	0.6%	0.0%
North East	33.1%	49.4%	17.0%	0.5%	0.0%
North West	48.3%	17.0%	27.9%	6.8%	0.0%
Peace	21.8%	53.5%	24.7%	0.0%	0.0%
Alberta	33.3%	46.8%	18.4%	1.5%	0.0%
5-year (2020-2024) Avg	10.6%	25.6%	44.0%	17.1%	2.8%
10-year (2015-2024) Avg	12.5%	24.2%	42.7%	17.7%	2.8%

Source: AGI/AFSC Crop Reporting Survey

Similarly, sub-surface soil moisture levels have continued to decline across the province. The provincial sub-surface good-to-excellent rating is 26 per cent, positioned below the 5-year average of 56 per cent and the 10-year average of 58 per cent. At the regional level, sub-surface moisture ratings stand at 19 per cent in the South Region, compared to the 5-year average of 46 per cent. The Central Region sits at 35 per cent, below the 5-year average of 56 per cent. The North East Region is at 18 per cent, under the 5-year average of 70 per cent. The North West Region reports 32 per cent, lower than 5-year average of 49 per cent. In the Peace Region, sub-surface good-to-excellent rating sits at 36 per cent, a reduction from the 5-year average of 72 per cent.

The majority of provincial pasture conditions are currently considered as “fair”. The provincial good-to-excellent pasture growth rating is 37 per cent, which is below both the 5-year average of 59 per cent and the 10-year average of 57 per cent. Regionally, pasture growth ratings are reported at 33 per cent for the South Region, 41 per cent for the Central Region, 33 per cent for the North East Region, 55 per cent for the North West Region, and 22 per cent for the Peace Region.

Table 3: Pasture Growth Conditions as of June 10, 2025

	Poor	Fair	Good	Excellent
South	23.1%	44.1%	32.2%	0.7%
Central	12.1%	46.7%	36.7%	4.6%
North East	18.8%	47.9%	32.4%	0.9%
North West	19.7%	25.6%	53.6%	1.1%
Peace	26.9%	51.3%	21.7%	0.0%
Alberta	18.7%	44.3%	35.0%	2.0%
5-year (2020-2024) Avg	11.8%	28.9%	52.3%	7.0%
10-year (2015-2024) Avg	15.9%	26.8%	48.6%	8.7%

Source: AGI/AFSC Crop Reporting Survey

Tame hay growth conditions have declined compared to last week with the provincial good-to-excellent rating at 40 per cent, which is below both the 5-year average of 60 per cent and the 10-year average of 58 per cent. Regionally, tame hay growth ratings are reported at 32 per cent in the South Region, below the 5-year average of 52 per cent. The Central Region is at 52 per cent, lower than the 5-year average of 67 per cent. The North East Region is reported as 33 per cent, under the 5-year average of 56 per cent. The North West is at 54 per cent, lower than the 5-year average of 68 per cent. The Peace region is reported as 22 per cent, in comparison to the 5-year average of 55 per cent.

Regional Assessments:

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

- Emergence for major crops is at 99 per cent, which is ahead of the 5-year average of 88 per cent and the 10-year average of 91 per cent.
- Warm and dry conditions over the past week have resulted in stress showing in some annual crops and hay crops. Major cereal crops are reported as in the late stages of tillering.
- Sub-surface moisture is rated at 36 per cent poor, 45 per cent fair, 18 per cent good, 1 per cent excellent, and 0 per cent excessive.
- Conditions of tame hay are reported as 25 per cent poor, 43 per cent fair, 31 per cent good, and 1 per cent excellent.

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

- Major crop emergence is at 97 per cent, above the 5-year average of 91 per cent and ahead of the 10-year average of 90 per cent.
- Hot and dry conditions continued over the past week and major cereal crops have progressed to early tillering stages.
- Sub-surface moisture rating is 20 per cent poor, 46 per cent fair, 31 per cent good, 3 per cent excellent, and 0 per cent excessive.
- Tame hay conditions are reported as 8 per cent poor, 40 per cent fair, 44 per cent good, and 8 per cent excellent.

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

- Emergence for major crops is at 90 per cent, which is ahead of the 5-year average of 88 per cent and the 10-year average of 86 per cent.
- Warm and windy conditions were reported throughout most of the region. Major cereal crops are entering the early tillering stage.
- Sub-surface moisture rating is 32 per cent poor, 50 per cent fair, 18 per cent good, 0 per cent excellent, and 0 per cent excessive.
- Conditions of tame hay are reported as 16 per cent poor, 52 per cent fair, 29 per cent good, and 4 per cent excellent.

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

- Major crops emergence is currently at 94 per cent for major crops, which is ahead of the 5-year average of 77 per cent and the 10-year average of 80 per cent.
- Windy conditions throughout the region this last week continued impacting soil moisture levels. Major cereal crops are at the early tillering stage.
- Sub-surface moisture is rated at 42 per cent poor, 26 per cent fair, 28 per cent good, 5 per cent excellent, and 0 per cent excessive.
- Tame hay conditions are reported as 11 per cent poor, 35 per cent fair, 37 per cent good, and 17 per cent excellent.

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

- Emergence for major crops is at 94 per cent, which is ahead of the 5-year average of 68 per cent and ahead of the 10-year average of 73 per cent.
- Minimal moisture fell across the Peace Region as hot and dry conditions continued. Cereal major crops are at late leaf development stages.
- Sub-surface moisture rating is 16 per cent poor, 48 per cent fair, 36 per cent good, 0 per cent excellent, and 0 per cent excessive.
- Tame hay conditions are reported as 28 per cent poor, 50 per cent fair, 22 per cent good, and 0 per cent excellent.

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