

# Alberta Crop Report



## Alberta Crop Conditions as of June 2, 2015

Seeding was virtually completed a week ago. Seeding now stands at 99.5% completed with a small amount of cereals for silage/greenfeed production remaining to be planted. Approximately 82% of seeded crops have emerged. Cereal crop development averages the 4 – 6 leaf stage while 41% of the canola is in the cotyledon stage and 51% in the 1 – 3 leaf stage.

Most areas of the province received a small amount of precipitation, principally in the form of showers. Surface soil moisture ratings continue to decline despite the precipitation received with 30% of the province rated poor (up from 22% last week) and 28% rated good or excellent (down from 31%). Crops are currently performing well in all regions despite the dry conditions but immediate precipitation is needed to maintain a strong yield potential. Hay and pasture condition ratings declined 3% to 30% good or excellent. Yield potential has been affected by the dryness to average at best.

Flea beetles on canola are an issue in all regions with 12% of the province rating damage as over threshold. Infestations are causing some growers to spray and some reseeds have occurred.

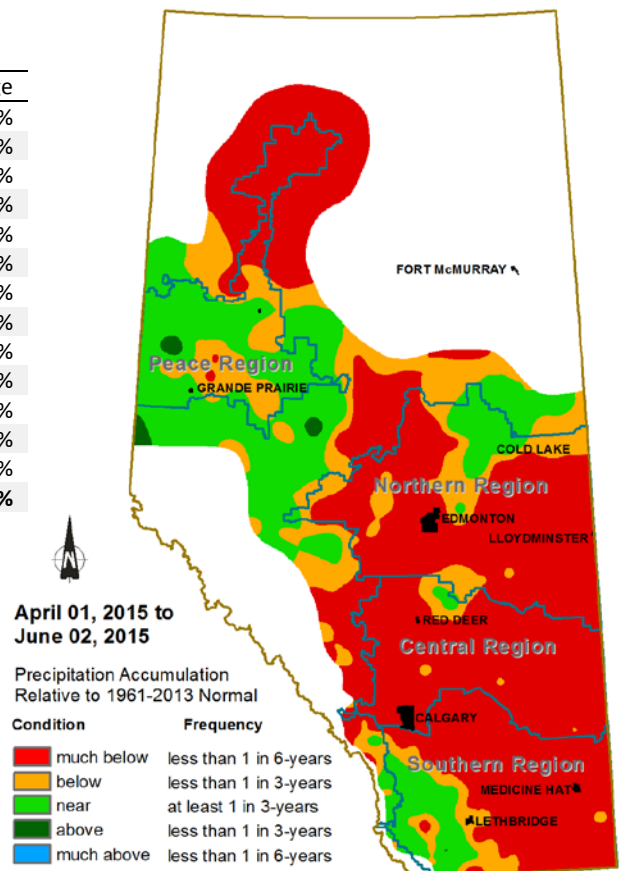
**Table 1: Alberta Seeding Emergence as of June 2, 2015**

	% Emergence					
	South	Central	N East	N West	Peace	Average
Spr. Wheat	86.8%	79.2%	93.1%	96.6%	89.1%	88.1%
Dur. Wheat	86.2%	77.0%	93.1%	---	---	84.9%
Barley	87.2%	67.3%	71.9%	70.0%	66.5%	74.6%
Oats	79.0%	56.0%	70.0%	70.0%	61.9%	65.9%
Canola	73.2%	76.1%	82.3%	78.6%	83.8%	79.3%
Dry Peas	92.5%	92.4%	99.6%	96.0%	91.9%	93.9%
Mustard	75.6%	46.3%	82.3%	---	---	67.4%
Flax	72.8%	54.4%	100%	78.6%	65.0%	73.4%
Potatoes	58.0%	10.0%	50.0%	18.0%	---	51.9%
Dry Beans	37.0%	37.0%	---	---	---	37.0%
Chickpeas	65.0%	75.0%	---	---	---	65.6%
Lentil	73.0%	80.0%	99.6%	96.0%	91.9%	74.7%
Mixed Grain	45.0%	54.2%	22.5%	62.1%	60.0%	49.4%
<b>Average</b>	<b>82.98%</b>	<b>75.01%</b>	<b>85.49%</b>	<b>82.55%</b>	<b>84.41%</b>	<b>81.97%</b>

Source: ARD/AFSC Crop Reporting Survey

**Table 2: Surface Soil Moisture Ratings as of June 2, 2015**

Region	Surface Soil Moisture (%)				
	Poor	Fair	Good	Excellent	Excessive
South	22.9%	41.8%	32.1%	3.2%	0%
Central	50.8%	37.1%	11.7%	0.4%	0%
North East	26.9%	45.8%	27.3%	0%	0%
North West	35.0%	53.6%	11.4%	0%	0%
Peace	10.8%	39.6%	41.5%	8.1%	0%
<b>Average</b>	<b>29.8%</b>	<b>42.7%</b>	<b>25.4%</b>	<b>2.1%</b>	<b>0%</b>
Last Week	22.0%	46.7%	28.9%	2.3%	0.1%



## **Regional Assessments:**

The 2015 Alberta Crop Report Series provides summaries for the following five regions:

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

- Cereals averaging early tillering stage; 58% of canola in 1-3 leaf stage and 30% in 4-6 leaf stage.
- Winter wheat in late stem elongation to early boot stages.
- Surface soil moisture ratings declined to 23% poor from 16% and 35% good or excellent from 43% last week.
- Hay and pastures rated 18% poor; 36% fair; 39% good; 7% excellent
- Gophers are the prime problem with infestations rated 12% moderate and 5% over threshold.

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

- Cereals averaging 4 – 6 leaf stage; 49% of canola in cotyledon stage and 47% in 1 – 3 leaf stage.
- Winter wheat in late stem elongation stage.
- Surface soil moisture ratings fell to 51% poor from 36% and 12% good or excellent from 16% last week.
- Hay and pastures rated 57% poor; 34% fair; 9% good.
- Flea beetle infestations rated 13% moderate and 4% over threshold

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

- Cereals averaging 4 – 5 leaf stage; 37% of canola in cotyledon stage with 60% in 1 – 3 leaf stage.
- Frost on May 28 caused minor damage which will result in a small number of canola reseeds.
- Surface soil moisture ratings declined to 27% poor from 19% and 27% good or excellent from 30% last week.
- Hay and pastures rated 37% poor; 35% fair; 28% good.
- Flea beetle infestation rated 22% moderate and 20% over threshold.

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

- Cereals averaging 1 – 2 leaf stage; 45% of canola in cotyledon stage with 51% in 1 – 3 leaf stage.
- Frost along with heavy flea beetle pressure is negatively affecting the canola crop.
- Surface soil moisture ratings fell to 35% poor from 29% with good or excellent rating unchanged at 11%.
- Hay and pastures rated 39% poor; 39% fair; 22% good.
- Flea beetle infestation rated 42% moderate and 29% over threshold.

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

- Cereals averaging 3 – 5 leaf stage; 61% of canola in cotyledon stage with 39% in 1 – 3 leaf stage.
- Surface soil moisture ratings were unchanged at 11% poor and 49% rated good or excellent.
- Hay and pastures rated 9% poor; 37% fair; 46% good; 8% excellent.
- Flea beetle infestation rated 10% moderate and 5% over threshold.

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