

## Crop Report for August 7, 2005

One per cent of the 2005 crop has been combined, and a further two per cent has either been swathed or is ready to straight combine, according to Saskatchewan Agriculture and Food's weekly crop report.

Some harvest activity has taken place in all regions of the province and in all crops, except flax and sunflowers. Fall cereals are reported to be 85 per cent in good to excellent condition, with 97 per cent at normal or ahead of normal development. Spring cereals are reported to be 80 per cent in good to excellent condition, with 89 per cent at normal development. Oilseed crops are reported to be 82 per cent in good to excellent condition, with 89 per cent at normal or ahead of normal development. Pulse crops are at 80 per cent in good to excellent condition, with 91 per cent of the crop at normal or ahead of normal development.

Haying operations made fair progress during the past week, and 88 per cent of the first-cut hay crop has been baled or put into silage. Some areas have begun a second cut, with 12 per cent completed provincially. Over half of the reporters do not expect a second cut of hay in their areas.

Desiccation on pulse crops is underway. Many areas of the province are looking for a rain shower to help finish off crops.

Topsoil moisture conditions on crop, hay, and pasture land deteriorated during the past week as areas of short and very short moisture increased. The southwest and east central regions of the province have experienced the driest conditions.

Hot, dry conditions were the main sources of crop damage during the past week. Crop reporters indicate that yields will be somewhat reduced due to the heat. Disease

pressures came from rust, ascochyta blight, and mildew. Insect damage came from grasshoppers, wheat midge, flea beetles, aphids, Lygus bugs, bertha armyworm larvae, diamond back moth larvae, painted lady butterfly larvae, and sawflies. Other sources of crop damage during the past week were hail, wind, and wildlife. Lodging of crops is a concern.

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### Saskatchewan Crop Conditions, August 7, 2005

	Winter Wheat	Fall Rye	Spring Wheat	Durum	Oat	Barley	Triticale						
% excellent	24	31	23	23	20	24	23						
% good	60	57	59	53	63	60	56						
% fair	13	11	16	22	15	15	13						
% poor	1	0	2	1	1	1	1						
% very poor	2	1	0	1	1	0	7						
	Flax	Canola	Mustard	Sun- flower	Lentil	Pea	Canary Seed	Chick- pea					
% excellent	22	23	17	23	25	23	24	16					
% good	58	61	62	53	55	59	57	40					
% fair	19	15	18	14	18	15	16	34					
% poor	1	1	2	1	1	2	2	7					
% very poor	0	0	1	9	1	1	1	3					

### 1 Year Ago

Crop development ranged from normal to three weeks behind.

One per cent of the 2004 crop had been swathed. Some harvest activity had taken place in all regions of the province and in all crops except chickpeas.

Insects were the primary source of crop damage. Lodging was a concern.

Close to 80% of the first-cut hay crop had been baled or put into silage.

## **South eastern Saskatchewan (Crop Districts 1, 2, & 3ase)**

The south eastern region was generally hot and dry during the past week with a few scattered showers. An average of 3 mm of precipitation was reported, with an average high of 8 mm reported in Crop District 3ase. Heat and drought stress were reported across the region. Crop yields are expected to decrease somewhat. Wind damage, including lodging, was reported in CDs 1a, 2 and 3ase.

One per cent of the 2005 south eastern crop has been combined and a further 4% has been swathed or is ready to be straight-combined. Thirteen per cent of the winter wheat, 15% of the fall rye, and 8% of the peas have been combined. Pulse crops are being desiccated.

Crop reporters rated crops in good to excellent condition at the following percentages: Winter Wheat – 82%; Fall Rye – 82%; Spring Wheat – 82%; Durum – 82%; Oats – 83%; Barley – 83%; Triticale – 90%; Flax – 81%; Canola – 80%; Mustard – 86%; Sunflowers – 91%; Lentils – 80%; Peas – 76%; Canary seed – 86%; and Chickpeas – 61%. All crops deteriorated in condition during the past two weeks, except sunflowers.

For crop development, south eastern crop reporters rate 78% of spring cereals as normal and 17% as ahead; oilseeds – 76% normal and 19% ahead; pulse crops – 70% normal and 22% ahead; and fall cereals – 80% normal and 17% ahead of normal. All crops, except pulses, have maintained or improved in development relative to two weeks ago.

Topsoil moisture conditions on cropland deteriorated this past week. Thirty-three per cent of reporters rated topsoil moisture as adequate compared with 61% last week. Conditions also deteriorated on hay and pasture land with 28% of reporters rating topsoil moisture as adequate compared to 54% last week. Reporters are looking for a little rain, and indicate that the second cut of hay needs moisture.

Insect damage came from aphids, flea beetles, saw flies, diamond back moth larvae, and painted lady butterfly larvae. Diseases reported included rust, ascochyta blight, and mildew.

First-cut haying operations are 85% baled or silaged, and 11% lying in the swath. Quality is generally expected to be good to excellent. Second-cut haying has begun in some areas with 12% baled or put into silage and 7% cut across the region. Many reporters do not expect a second cut in their area.

## **South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)**

The past week was hot, dry, and windy in the southwest. An average of 2 mm of precipitation was reported during the past week, with an average high of 7 mm reported in CD 3asw. Wind, heat and drought stress were reported across the region. Crops are burning and yields are expected to decline. Hail damage was reported in CDs 3asw and 3bn.

Three per cent of the 2005 south western crop has been combined and a further 4% is swathed or is ready to be straight-combined. Thirty-nine per cent of the

winter wheat, 32% of the fall rye, 3% of the lentils, and 17% of the peas have been combined.

Crop reporters rated crops in good to excellent condition at the following percentages: Winter Wheat – 64%; Fall Rye – 86%; Spring Wheat – 67%; Durum – 68%; Oats – 66%; Barley – 73%; Triticale – 72%; Flax – 67%; Canola – 69%; Mustard – 62%; Sunflowers – 6%; Lentils – 71%; Peas – 71%; Canary seed – 63%; and Chickpeas – 46%. All crops deteriorated in condition during the past week.

For crop development, south western crop reporters rate 58% of spring cereals as normal and 40% ahead; oilseeds – 69% normal and 31% ahead; pulse crops – 60% normal and 38% behind; and fall cereals – 70% normal and 28% behind normal. Development levels of all crops improved in the past two weeks.

Topsoil moisture conditions on crop land deteriorated during the past week, with 5% of reporters rating topsoil moisture as adequate, compared with 17% last week. Topsoil moisture conditions also deteriorated on hay and pasture land with 3% of reporters giving a rating of adequate compared to 12% last week. Rain is needed for crops and to reduce the fire hazard. Cattle are being fed in pastures in CD 3bs.

Disease pressures came from ascochyta blight. Insect pressures came from wheat midge, diamond back moth larvae, and sawflies. Deer and antelope are damaging crops in the Counsel area.

Haying operations are winding down in the southwest, with 94% of the first-cut hay baled or put into

silage, and a further 11% is lying in the swath. Quality is expected to be good to excellent. Thirty-one per cent of the second-cut crop has been baled or put into silage and a further 4% is lying in the swath. Many reporters do not expect to see a second cut in their area.

### **East central Saskatchewan (Crop Districts 5 & 6a)**

The east central region was hot and dry during the past week. An average of less than one-half mm of precipitation was reported. Heat, drought, and wind stress were reported across the region. Symptoms include burning of crops and lodging, and yield loss is expected. Hail damage was reported in CD 6a.

One per cent of the 2005 east central crop has been swathed or is ready to be straight-combined. Three per cent of the winter wheat and one per cent of the fall rye has been combined. Desiccation of pulses is underway.

Crop reporters rated crops in good to excellent condition at the following percentages: Winter Wheat – 98%; Fall Rye – 94%; Spring Wheat – 83%; Durum – 93%; Oats – 86%; Barley – 84%; Triticale – 100%; Flax – 82%; Canola – 82%; Mustard – 89%; Sunflowers – 90%; Lentils – 88%; Peas – 91%; Canary seed – 88%; and Chickpeas – 96%. All crops, except winter wheat, fall rye, triticale, and canary seed deteriorated in condition during the past two weeks.

For crop development, east central crop reporters rate 75% of spring cereals as normal and 21%

ahead; oilseeds – 72% normal and 21% ahead; pulse crops – 76% normal and 20% ahead; and fall cereals – 69% normal and 19% ahead of normal. A higher percentage of crops are ahead as compared to two weeks ago.

Topsoil moisture conditions on cropland deteriorated, with 19% of reporters rating topsoil moisture as adequate, compared with 63% last week. Conditions also deteriorated on hay and pasture land with 23% of reporters rating topsoil moisture as adequate compared to 55% last week. Reporters are looking for some rain to alleviate the hot, dry conditions.

Insect damage came from aphids, wheat midge, painted lady butterfly larvae, and sawflies. Powdery mildew was reported in CD 5a.

First-cut haying operations are progressing, with 88% baled or silaged, and a further 9% lying in the swath. Quality is expected to be good. Fourteen per cent of the second-cut hay crop has been baled or made into silage, with a further 5% lying in the swath. Many reporters do not expect to see a second cut in their area.

### **West central Saskatchewan (Crop Districts 6b & 7)**

The west central region was generally hot, dry, and windy this past week. An average of 1 mm of precipitation was reported during the past week, with an average high of 2 mm in CD 6b. Wind, heat and drought stress were reported across the region. Hail damage was reported in CD 6b with up to 100%

in localized areas.

Less than one half of one per cent of the 2005 west central crop has been swathed or is ready to be straight-combined. One per cent of the fall rye has been combined. Pulse desiccation is underway. Some second growth in cereals could delay harvest in CD 7b.

Crop reporters rated crops in good to excellent condition at the following percentages: Winter Wheat – 99%; Fall Rye – 99%; Spring Wheat – 85%; Durum – 89%; Oats – 81%; Barley – 87%; Triticale – 100%; Flax – 85%; Canola – 83%; Mustard – 95%; Sunflowers – 100%; Lentils – 89%; Peas – 89%; Canary seed – 85%; and Chickpeas – 94%. The condition of most crops deteriorated from two weeks ago. The exceptions are winter wheat, fall rye, triticale, mustard, sunflowers, and chickpeas.

For crop development, west central crop reporters rate 57% of spring cereals as normal and 35% as behind; oilseeds – 61% normal and 31% behind; pulse crops – 65% normal and 24% behind; and fall cereals – 57% normal and 39% behind normal. Crop development levels are rated similar to slightly more advanced than they were two weeks ago.

Topsoil moisture conditions on cropland deteriorated, with 54% of reporters rating topsoil moisture as adequate, compared with 71% last week. Conditions also deteriorated on hay and pasture land with 44% of reporters rating topsoil moisture as adequate compared to 71% last week. Rain would help fill later crops.

Diamondback moth larvae,

bertha armyworms, leaf disease, and ascochyta blight were all reported in CD 7b.

Cutting and baling the 2005 hay crop is winding down with 93% baled or silaged, and a further 5% lying in the swath. Quality is generally expected to be good. Two per cent of the second cut crop has been baled and a further 6% cut, though a number of reporters do not expect to harvest a second cut.

### **North eastern Saskatchewan (Crop Districts 8 & 9ae)**

The north eastern region was also hot and dry during the past week. An average of 4 mm of precipitation was reported during the past week, with an average high of 6 mm reported in CD 8b. Heat and drought stress were reported across the region. Wind damage, including lodging, was reported in CD 8b.

Less than one half of one per cent of 2005 crops has been swathed. Nineteen per cent of the winter wheat and 10% of the fall rye have been swathed or are ready to straight combine.

Crop reporters rated crops in good to excellent condition at the following percentages: Winter Wheat – 91%; Fall Rye – 93%; Spring Wheat – 85%; Durum – 88%; Oats – 84%; Barley – 85%; Flax – 80%; Canola – 89%; Mustard – 87%; Sunflowers – 75%; Lentils – 84%; Peas – 88%; and Canary seed – 75%. All crops, except winter wheat, fall rye, flax, canola, and lentils, deteriorated in condition during the past two weeks.

For crop development, north eastern crop reporters rate 80% of

spring cereals as normal and 10% as behind; oilseeds – 85% normal and 10% behind; pulse crops – 90% normal and 5% behind; and fall cereals – 85% normal and 15% ahead of normal. Crop development levels have improved during the past two weeks.

Topsoil moisture conditions on cropland deteriorated this past week, with 27% of reporters rating topsoil moisture as adequate, compared with 41% last week. Conditions also deteriorated on hay and pasture land with 30% of reporters rating topsoil moisture as adequate compared to 38% last week.

Insect damage came from painted lady butterfly larvae, sawflies, aphids, and diamond back moth larvae. Ascochyta blight and powdery mildew caused crop damage in CD 8b.

Haying operations are continuing with 86% of the 2005 crop baled or silaged, and a further 11% lying in the swath. Quality is expected to be good. Many reporters do not expect a second cut in their area.

### **North western Saskatchewan (Crop Districts 9aw & 9b)**

The north western region was generally hot and dry during the past week. An average of less than one-half mm of precipitation was reported. Drought and heat stress were reported across the region. Wind damage was reported in CD 9b. Yields are expected to be reduced.

Four per cent of the 2005 north western crop has been swathed or is ready to straight combine. Five per

cent of the fall rye has been combined.

Crop reporters rated crops in good to excellent condition at the following percentages: Fall Rye – 83%; Spring Wheat – 92%; Durum – 75%; Oats – 91%; Barley – 88%; Triticale – 50%; Flax – 90%; Canola – 93%; Mustard – 80%; Peas – 93%; and Canary seed – 100%. All crops deteriorated in condition in the past two weeks, except durum and canary seed.

For crop development, north western crop reporters rate 67% of spring cereals as normal and 28% as behind; oilseeds – 61% normal and 33% behind; pulse crops – 76% normal and 18% behind; and fall cereals – 90% normal and 10% ahead of normal. Development levels of oilseeds deteriorated in the past two weeks.

Topsoil moisture conditions on crop land deteriorated during the past week with 45% of reporters rating topsoil moisture as adequate compared to 65% last week. Conditions on hay and pasture land also deteriorated during the past week, with 35% of reporters rating topsoil moisture as adequate, compared with 65% last week. Rain is needed in the area.

Grasshoppers, diamondback moth larvae, and Lygus bugs all caused crop damage during the past week.

Haying operations are progressing in the northwest with 79% of the crop baled or silaged, and a further 16% lying in the swath. Quality is expected to be good. Many reporters do not expect to see a second cut in their area.

# Weekly Rainfall Summary

(in millimeters)

for the week ending August 6, 2005

Crop Municipality				Crop Municipality				Crop Municipality			
Dist. No.	Name	Past Week	Since April 1	Dist. No.	Name	Past Week	Since April 1	Dist. No.	Name	Past Week	Since April 1
1A	1 Argyle	NIL	292	3BN	136 Coulee	NIL	236		285 Fertile Valley	4	343
	2 Mount Pleasant	NIL	280		137 Swift Current	NIL	141		314 Dundurn	NIL	281
	3 B Enniskillen	7	324		138 Webb	NIL	188		344 Corman Park	NIL	228
	31 Storthoaks	NIL	273		166 Excelsior	1	243		345 Vanscoy	5	271
	32 Reciprocity	15	275		167 Sask. Landing	9	246		346 Perdue	NIL	282
	33 A Moose Creek	17	334		226 Victory	NIL	283		376 A Eagle Creek	NIL	251
	34 Browning	6	268		228 A Lacadena	6	215		403 Rosthern	1	216
	35 Benson	10	303		228 B Lacadena	2	238		404 Laird	NIL	194
	63 A Moose Mountain	4	228		257 Monet	18	251	7A	259 Snipe Lake	1	223
	64 Brock	NIL	289	4A	19 Frontier	NIL	323		260 Newcombe	TR	178
	65 Tecumseh	1	299		51 Reno	NIL	137		287 St. Andrews	NIL	319
1B	91 Maryfield	NIL	242		79 Arlington	NIL	140		290 Kindersley	NIL	212
	92 Walpole	NIL	217		109 A Carmichael	NIL	300		317 B Marriott	NIL	333
	94 Hazelwood	NIL	288		109 B Carmichael	NIL	248		317 C Marriott	NIL	249
	95 Golden West	NIL	258		110 Piapot	NIL	257		318 A Mountain View	NIL	259
	123 Silverwood	NIL	310		111 A Maple Creek	NIL	254		318 B Mountain View	NIL	285
	124 Kingsley	NIL	275	4B	139 Gull Lake	NIL	201		319 Winslow	1	223
	125 Chester	NIL	181		141 Big Stick	NIL	225		320 Oakdale	2	238
	151 B Rocanville	NIL	311		142 Enterprise	NIL	267		321 Prairiedale	NIL	238
	153 Willowdale	NIL	221		169 Pittville	NIL	191	7B	347 A Biggar	NIL	252
	154 Elcapo	NIL	200		171 Fox Valley	NIL	251		347 B Biggar	NIL	240
	155 Wolseley	NIL	309		229 Miry Creek	NIL	198		350 A Mariposa	NIL	189
2A	36 Cymri	8	307		231 Happyland	NIL	259		350 B Mariposa	NIL	194
	66 Griffin	0	188		232 Deer Forks	NIL	243		351 Progress	NIL	229
	67 Weyburn	NIL	197	5A	152 Spy Hill	NIL	228		352 Heart's Hill	NIL	335
	68 Brokenshell	NIL	209		181 Langenburg	NIL	265		377 A Glenside	NIL	256
	96 Fillmore	NIL	263		184 C Grayson	TR	245		377 B Glenside	NIL	269
	97 Wellington	NIL	238		185 McLeod	NIL	318		378 A Rosemount	TR	251
	99 Caledonia	NIL	303		186 Abernethy	NIL	263		378 B Rosemount	NIL	264
2B	126 Montmartre	NIL	230		211 Churchbridge	NIL	306		379 Reford	TR	254
	127 Francis	NIL	292		213 Saltcoats	NIL	251		380 A Tramping Lake	NIL	212
	129 Bratt's Lake	NIL	199		214 Cana	NIL	310		382 Eye Hill	9	353
	131 Baildon	NIL	274		241 Calder	NIL	336		409 Buffalo	NIL	228
	156 A Indian Head	NIL	325		243 Wallace	NIL	317		411 Senlac	NIL	236
	156 B Indian Head	NIL	285	5B	245 B Garry	NIL	252	8A	395 Porcupine	NIL	211
	157 South Qu'appelle	NIL	343		246 Ituna Bon Accord	NIL	296		397 Barrier Valley	6	263
	158 Edenwold	NIL	190		247 Kellross	NIL	272		398 Pleasantdale	4	293
	160 Pense	NIL	146		248 Touchwood	NIL	196		456 Arborfield	2	225
	161 Moose Jaw	NIL	199		271 Cote	NIL	302		457 B Connaught	5	150
3ASE	8 Lake Alma	18	243		276 Foam Lake	NIL	288		458 Willow Creek	3	190
	9 Surprise Valley	22	236		277 Emerald	NIL	240		487 Nipawin	NIL	152
	38 A Laurier	NIL	268		303 Keys	NIL	293	8B	369 St. Peter	NIL	192
	38 B Laurier	NIL	229		304 Buchanan	NIL	165		370 Humboldt	10	252
	39 B The Gap	1	213		307 Elfros	NIL	224		371 Bayne	1	206
3ASW	10 Happy Valley	20	205		308 Big Quill	NIL	231		372 Grant	13	228
	12 Poplar Valley	12	164		335 Hazel Dell	NIL	261		373 A Aberdeen	24	246
	40 Bengough	8	221		336 Sasman	NIL	203		373 B Aberdeen	12	161*
	42 Willow Bunch	32	233		338 Lakeside	NIL	172		399 Lake Lenore	3	327
	43 A Old Post	3	200		366 A Kelvington	2	165		401 Hoodoo	NIL	237
	43 B Old Post	8	185		366 B Kelvington	TR	183		402 Fish Creek	8	243
	44 Waverley	NIL	165		367 Ponass Lake	NIL	226		429 B Flett's Springs	NIL	256
	71 A Excel	NIL	206	6A	189 Lumsden	NIL	234		430 Invergordon	1	196
	71 B Excel	NIL	161		190 A Dufferin	NIL	196		431 A St. Louis	NIL	195
	71 C Excel	NIL	139		190 B Dufferin	NIL	183	9AE	461 Prince Albert	NIL	200
	73 A Stonehenge	NIL	172		190 C Dufferin	NIL	174		488 Torch River	2	269
	73 B Stonehenge	4	195		219 B Longlaketon	NIL	165		520 A Paddockwood	NIL	56
3AN	101 B Terrell	NIL	207		220 Mckillop	NIL	178	9AW	520 B Paddockwood	NIL	164
	102 Lake Johnston	1	195		221 Sarnia	TR	218		406 Mayfield	NIL	237
	132 Hillsborough	11	164		251 Big Arm	NIL	289		435 Redberry	NIL	228
	134 Shamrock	NIL	248		252 Arm River	4	210		436 Douglas	NIL	182
	164 Chaplin	NIL	173		279 A Mount Hope	NIL	198		463 Duck Lake	NIL	237
	193 Eyebrow	NIL	238		279 B Mount Hope	NIL	290		464 Leask	NIL	221
	194 Enfield	NIL	203		280 Wrexford	NIL	207		467 Round Hill	NIL	211
3BS	17 A Val Marie	NIL	110		281 Wood Creek	NIL	213		494 Canwood	1	170
	17 B Val Marie	NIL	131		282 Mccraney	2	273		496 Spiritwood	NIL	210
	45 Mankota	NIL	121		309 Prairie Rose	NIL	190	9B	438 A Battle River	NIL	276
	46 A Glen Mcpherson	NIL	131		310 Usborne	1	293		438 B Battle River	TR	217
	75 A Pinto Creek	NIL	120		312 Morris	NIL	183		472 Wilton	NIL	281
	75 B Pinto Creek	NIL	131		313 Lost River	1	181		498 A Parkdale	NIL	224
	76 A Auvergne	NIL	101		339 A Leroy	3	158		498 B Parkdale	NIL	216
	76 B Auvergne	NIL	132		339 B Leroy	2	170		499 Mervin	NIL	294
	77 Wise Creek	NIL	150		340 A Wolverine	NIL	210		501 B Frenchman Butte	TR	214
	78 B Grassy Creek	NIL	116		340 B Wolverine	NIL	216		501 C Frenchman Butte	NIL	244
	78 C Grassy Creek	NIL	170		341 Viscount	NIL	187		502 Britannia	NIL	255
	105 Glenbain	NIL	244		343 Blucher	TR	168		561 Loon Lake	NIL	335
	106 Whiska Creek	NIL	139	6B	254 Loreburn	2	282		588 B Meadow Lake	NIL	297
	107 Lac Pelletier	NIL	160		283 Rosedale	TR	321		588 C Meadow Lake	NIL	314
	108 Bone Creek	NIL	208		284 Rudy	6	308		588 D Meadow Lake	4	261

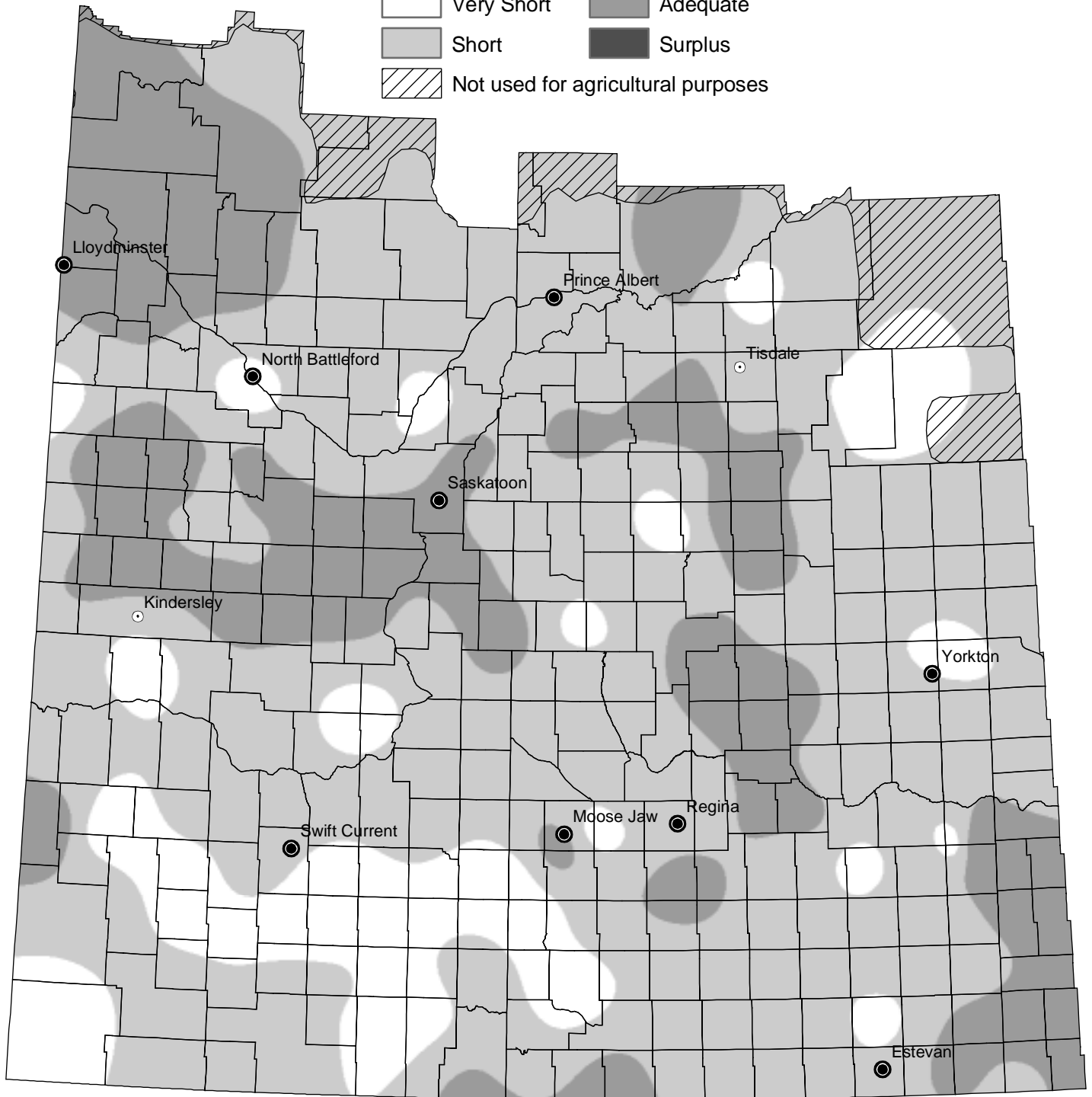
These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R.M.

\* incomplete

Municipality No: A, B, C, and D - more than one reporter

# Crop Land Topsoil Moisture Conditions August 7, 2005

## Moisture Conditions



# Crop Districts and Rural Municipalities

