

Custom Rates Survey



Field Operations
Fall Report
2004

Economics & Competitiveness



PREFACE

The Custom Rate Surveys are conducted by the Survey Services Team of Statistics and Data Development Unit, Alberta Agriculture, Food and Rural Development.

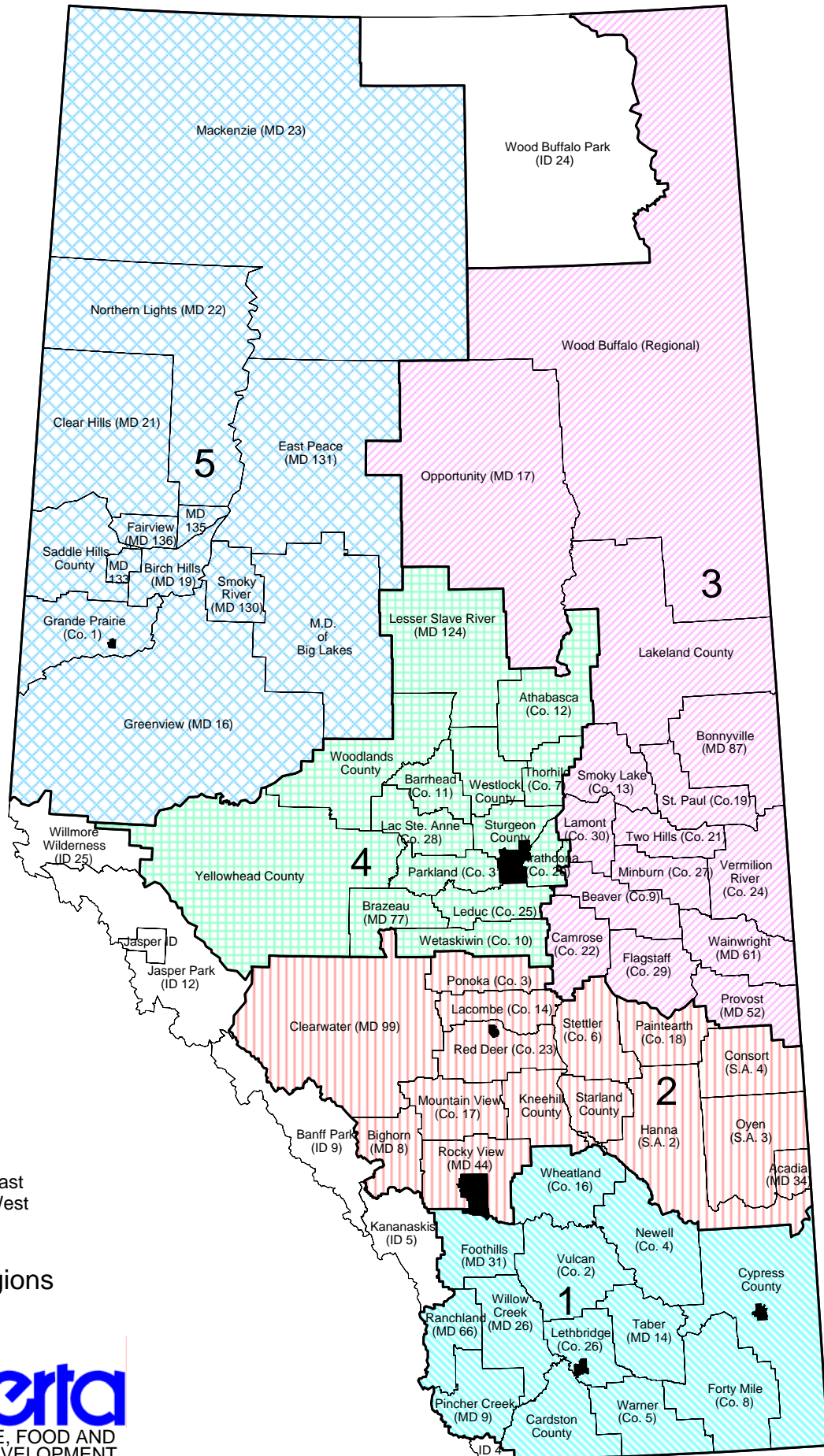
The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be Good Neighbour Rates as opposed to Commercial Rates. The reader should be aware that varying conditions in different areas of the province could significantly affect the rates charged from year to year.






The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who willingly provided information for this report. If you are involved in any custom operations and have not been contacted, but wish to contribute, please contact me.

In addition, the assistance of Nicole Strang, Marion Harry, Guangzhi Liu and Gail Atkinson of Alberta Agriculture, Food and Rural Development, is greatly appreciated.

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-  1 South
-  2 Central
-  3 North East
-  4 North West
-  5 Peace

AAFRD Regions



Alberta Municipalities Classified by Region

South Region*

<u>Legal Name</u>	<u>AMC</u>	<u>Reference</u>
Cardston County	-----	M.D. No. 6
Cypress County	-----	M.D. No. 1
Foothills No. 31	MD 31	M.D. No. 31
Forty Mile County No. 8	CO 8	County No.8
Lethbridge County	-----	County No. 26
Newell County No. 4	CO 4	County No. 4
Pincher Creek No. 9	MD 9	M.D. No. 9
Ranchland No. 66	MD 66	M.D. No. 66
Taber	MD	M.D. No. 14
Vulcan County	-----	County No. 2
Warner County No. 5	CO 5	County No. 5
Wheatland County	-----	County No. 16
Willow Creek No. 26	MD 26	M.D. No. 26

Central Region*

<u>Legal Name</u>	<u>AMC</u>	<u>Reference</u>
Acadia No. 34	MD 34	M.D. No. 34
Bighorn No. 8	MD 8	M.D. No. 8
Calgary	-----	Calgary
Clearwater County	-----	M.D. No. 99
Kneehill County	-----	M.D. No. 48
Lacombe County	-----	County No. 14
Mountain View County	-----	County No. 17
Paintearth County No. 18	CO 18	County No. 18
Ponoka County	-----	County No. 3
Red Deer County	-----	County No. 23
Rocky View No. 44	MD 44	M.D. No. 44
Special Area No. 2	SA 2	S.A. No. 2
Special Area No. 3	SA 3	S.A. No. 3
Special Area No. 4	SA 4	S.A. No. 4
Starland County	-----	M.D. No. 47
Stettler County No. 6	CO 6	County No. 6

North East Region*

<u>Legal Name</u>	<u>AMC</u>	<u>Reference</u>
Beaver County	-----	County No. 9
Bonnyville No. 87	MD 87	M.D. No. 87
Camrose County No. 22	CO 22	County No. 22
Flagstaff County	-----	County No. 29
Lakeland County	-----	M.D. No. 87
Lamont County	-----	County No. 30
Minburn County No. 27	CO 27	County No. 27
Opportunity No. 17	MD 17	M.D. No. 17
Provost No. 52	MD 52	M.D. No. 52
Smoky Lake County	-----	County No. 13
St. Paul County No. 19	CO 19	County No. 19
Two Hills County No. 21	CO 21	County No. 21
Vermilion River County No. 24	CO 24	County No. 24
Wainwright No. 61	MD 61	M.D. No. 61

North West Region*

<u>Legal Name</u>	<u>AMC</u>	<u>Reference</u>
Athabasca County No. 12	CO 12	County No. 12
Barrhead County No. 11	CO 11	County No. 11
Brazeau No. 77	MD 77	M.D. No. 77
Edmonton	-----	Edmonton
Lac Ste. Anne County	-----	County No. 28
Leduc County	-----	County No. 25
Lesser Slave River No. 124	MD 124	M.D. No. 124
Parkland County	-----	County No. 31
Strathcona County	-----	County No. 20
Sturgeon County	-----	M.D. No. 90
Thorhild County No. 7	CO 7	County No. 7
Westlock County	-----	M.D. No. 92
Wetaskiwin County No. 10	CO 10	County No. 10
Woodlands County	-----	M.D. No. 15
Yellowhead County	-----	M.D. No. 94

Peace Region*

<u>Legal Name</u>	<u>AMC</u>	<u>Reference</u>
Big Lakes	MD	M.D. BGL
Birch Hills County	-----	M.D. No. 19
Clear Hills No. 21	MD 21	M.D. No. 21
East Peace No. 131	MD 131	M.D. No. 131
Fairview No. 136	MD 136	M.D. No. 136
Greenview No. 16	MD 16	M.D. No. 16
Grande Prairie County No. 1	CO 1	County No. 1
Mackenzie No. 23	MD 23	M.D. No. 23
Northern Lights No. 22	MD 22	M.D. No. 22
Peace No. 135	MD 135	M.D. No. 135
Saddle Hills County	-----	M.D. No. 20
Smoky River No. 130	MD 130	M.D. No. 130
Spirit River No. 133	MD 133	M.D. No 133

AMC – Abbreviated Municipality Code
Reference – Prior Legal Name

* AAFRD Regional boundaries no longer exist; however, these have been maintained to facilitate historical comparisons.



Statistics and Data
Development Unit

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Vulcan		Brush Mowing	Rotary mower 6' wide	\$185.00/day		Rental only; \$95.00/half day
S	Vulcan		Brush Mowing	Rotary mower 15' wide	\$325.00/day		Rental only; \$185.00/half day
S	Vulcan		Brush Mowing	Rotary mower 26' wide	\$495.00/day		Rental only
S	Willow Creek MD 26	\$250.00/hour	Brush & Mulch	PTO powered 210hp Valmet 8950 2.5M Meri-crusher brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
C	All Counties	\$250.00/hour	Brush & Mulch	PTO powered 210hp Valmet 8950 2.5M Meri-crusher brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
C	Lacombe	\$75.00/hour	BP/RP	Cat D5 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
C	Lacombe	\$100.00/hour	BP/RP	Cat D7 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
C	Lacombe	\$120.00/hour	BP/RP	Cat D7F crawler with 13' dozer blade		0.50 acres/hour	Plus trucking of equipment
C	Lacombe	\$165.00/hour	BP/RP	Fiat Allis FD30 crawler		0.75 acres/hour	Plus trucking of equipment

Regions: S - South C - Central NE - North East NW - North West P - Peace **Operations:** BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Lacombe	\$165.00/hour	R	Fiat Allis FD30 crawler with Fiat Allis ripper			Plus trucking of equipment; tip replacement at ~\$150.00/tip, as necessary
C	Mountain View	\$120.00/hour	BP/RP	Cat D7F crawler with 13' dozer blade		0.50 acres/hour	Plus trucking of equipment
C	Mountain View	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
C	Mountain View	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
C	Mountain View	\$140.00/hour	BP/RP	Cat D6D crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$145.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$160.00/hour	BP/RP	Cat D8H or D8K crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$165.00/hour	BP/RP	Fiat Allis FD30 crawler		0.75 acres/hour	Plus trucking of equipment
C	Mountain View	\$165.00/hour	R	Fiat Allis FD30 crawler with Fiat Allis ripper			Plus trucking of equipment; tip replacement at ~\$150.00/tip, as necessary
C	Mountain View	\$125.00/hour	SS	Steiger 4wd 360hp tractor; Kello-Bilt 5 shank subsoiler			
C	Ponoka	\$75.00/hour	BP/RP	Cat D5 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
C	Ponoka	\$88.00/hour	BP/RP	Dresser 200 track loader			
C	Ponoka	\$100.00/hour	BP/RP	Cat D7 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
<p>Regions: S - South C - Central NE - North East NW - North West P - Peace Operations: BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Ponoka	\$115.00/hour	BP/RP	Cat D7C crawler with 14' dozer blade			Plus trucking of equipment
C	Ponoka	\$140.00/hour	BP/RP	Cat D8H crawler with dozer blade			Trucking of equipment to jobsite at \$120.00/hour; minimum charge \$250.00
C	Ponoka	\$75.00/hour plus \$1.00/inch for bagging	Tree Moving & Planting	Truck mounted tree spade 44" diameter			Digs about 44" across by 3.5 - 4' deep; includes wire basket and burlap for moving
C	Red Deer	\$90.00/hour	BP/RP	Cat D6C highhoser crawler with dozer blade and winch			Plus trucking of equipment at \$90.00/hour; both ways if 10 hours or less of work, one way if between 10 and 20 hours of work and no charge for moving equipment if greater than 20 hours of work.
C	Red Deer	\$120.00/hour	BP/RP	Cat D7F crawler with 13' dozer blade		0.50 acres/hour	Plus trucking of equipment
C	Red Deer	\$165.00/hour	BP/RP	Fiat Allis FD30 crawler		0.75 acres/hour	Plus trucking of equipment
C	Red Deer	\$165.00/hour	R	Fiat Allis FD30 crawler with Fiat Allis ripper			Plus trucking of equipment; tip replacement at ~\$150.00/tip, as necessary
C	Red Deer	\$125.00/hour	SS	Steiger 4wd 360hp tractor; Kello-Bilt 5 shank subsoiler			
C	Stettler Co 6	\$75.00/hour	BP/RP	Cat D5 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer

Regions: S - South C - Central NE - North East NW - North West P - Peace **Operations:** BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Stettler Co 6	\$100.00/hour	BP/RP	Cat D7 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
C	Stettler Co 6	\$125.00/hour	BP/RP	Cat D7G crawler with dozer blade			Transportation cost waived for farmers
NE	All Counties	\$250.00/hour	Brush & Mulch	PTO powered 210hp Valmet 8950 2.5M Meri-crusher brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
NE	Camrose Co 22	\$75.00/hour	BP/RP	Cat D5 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
NE	Camrose Co 22	\$88.00/hour	BP/RP	Dresser 200 track loader			
NE	Camrose Co 22	\$100.00/hour	BP/RP	Cat D7 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
NE	Lamont	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NE	Lamont	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NE	Provost MD 52	\$80.00/hour	BP/RP	International 20B power shift dozer			
NE	Provost MD 52	\$100.00/hour	BP/RP	Cat D7E crawler with dozer blade			
<p>Regions: S - South C - Central NE - North East NW - North West P - Peace Operations: BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	All Counties	\$250.00/hour	Brush & Mulch	PTO powered 210hp Valmet 8950 2.5M Meri-crusher brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
NW	Athabasca Co 12	\$110.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
NW	Barrhead Co 11	\$110.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
NW	Brazeau MD 77	\$115.00/hour	BP/RP	Cat D6C crawler with 14' dozer blade			Light brushing - mostly repiling; plus trucking of equipment to jobsite one way
NW	Brazeau MD 77	\$155.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade or brush rake (piler) blade			Plus trucking of equipment to jobsite one way
NW	Brazeau MD 77	\$65.00/hour	Brush Mowing	John Deere fwa 65hp tractor; brush mower 5' wide			Light brushing of 4-5" diameter trees at stump
NW	Brazeau MD 77	\$75.00/hour	Brush Mowing	Fwa 100hp tractor, Woods Batwing HD 210 heavy duty rotary brush mower 10' wide			Light brushing of ditches, roadways or stubble
NW	Brazeau MD 77		Brush Mowing	PT John Deere brush mower 6' wide	\$75.00/day		Rental only
NW	Brazeau MD 77		Tractor Rental	John Deere 790 fwa 35hp tractor with loader	\$160.00/day		Rental only; tractor for pulling brush mower

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Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Lac Ste. Anne	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Lac Ste. Anne	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Leduc	\$88.00/hour	BP/RP	Dresser 200 track loader			
NW	Parkland	\$115.00/hour	BP/RP	Cat D6C crawler with 14' dozer blade			Light brushing - mostly repiling; plus trucking of equipment to jobsite one way
NW	Parkland	\$155.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade or brush rake (piler) blade			Plus trucking of equipment to jobsite one way
NW	Parkland	\$75.00/hour	Brush Mowing	Fwa 100hp tractor, Woods Batwing HD 210 heavy duty rotary brush mower 10' wide			Light brushing of ditches, roadways or stubble
NW	Strathcona	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Strathcona	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Sturgeon	\$110.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
NW	Sturgeon	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Sturgeon	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment

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Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Sturgeon	\$65.00/hour	Tree Removal & Moving	Truck mounted tree spade 44" diameter			
NW	Thorhild Co 7	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Thorhild Co 7	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Westlock	\$85.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment to jobsite at \$85.00/hour; minimum 1 hour job
NW	Westlock	\$100.00/hour	BP/RP	Cat D6D crawler with dozer blade			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$110.00/hour	BP/RP	Cat D7 crawler with dozer blade			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$110.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
NW	Westlock	\$130.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Westlock	\$130.00/hour	BP/RP	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Wetaskiwin Co 10	\$75.00/hour	BP/RP	Cat D5 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer
NW	Wetaskiwin Co 10	\$88.00/hour	BP/RP	Dresser 200 track loader			
NW	Wetaskiwin Co 10	\$100.00/hour	BP/RP	Cat D7 crawler with 14' dozer blade			Plus trucking of equipment at \$110.00/hour on triaxle low bed trailer

Regions: S - South C - Central NE - North East NW - North West P - Peace **Operations:** BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

LAND CLEARING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Woodlands	\$110.00/hour	BP/RP	Cat D7G crawler with dozer blade			Plus trucking of equipment
NW	Yellowhead	\$115.00/hour	BP/RP	Cat D6C crawler with 14' dozer blade			Light brushing - mostly repiling; plus trucking of equipment to jobsite one way
NW	Yellowhead	\$155.00/hour	BP/RP	Cat D8H crawler with 16' dozer blade or brush rake (piler) blade			Plus trucking of equipment to jobsite one way
P	All Counties	\$250.00/hour	Brush & Mulch	PTO powered 210hp Valmet 8950 2.5M Meri-crusher brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
<p>Regions: S - South C - Central NE - North East NW - North West P - Peace Operations: BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Cardston	\$110.00/hour	D	John Deere 8440 4wd 200hp tractor; Whishek breaking disc 14' wide		~6.0-7.0 acres/hour	
S	Cardston	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Cardston	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Cypress	\$1.25/cubic yard	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Cypress	\$170.00/hour	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Cypress	\$150.00/hour	DO/LL	Terex TS14B motor scraper			Plus trucking of equipment at \$120.00/hour both ways
S	Cypress	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Cypress	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Foothills MD 31	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Foothills MD 31	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Forty Mile Co 8	\$1.25/cubic yard	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Forty Mile Co 8	\$150.00/hour	DO/LL	Terex TS14B motor scraper			Plus trucking of equipment at \$120.00/hour both ways
S	Forty Mile Co 8	\$170.00/hour	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Forty Mile Co 8	\$95.00-\$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Forty Mile Co 8	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Lethbridge	\$1.25/cubic yard	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Lethbridge	\$150.00/hour	DO/LL	Terex TS14B motor scraper			Plus trucking of equipment at \$120.00/hour both ways
S	Lethbridge	\$170.00/hour	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Lethbridge	\$95.00-\$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Lethbridge	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Newell Co 4		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Newell Co 4	\$130.00/hour	DO/DR/LL	Cat Challenger 75D crawler with Cat 435 land scraper (laser equipped)			
S	Newell Co 4		DO/DR/LL	Slough pump with 400 foot hose	\$100.00/day		Rental only (24 hour period)
S	Newell Co 4		LR	SP 100hp land roller 45' wide	\$3.00/acre		Rental only; maximum \$500.00/day
S	Newell Co 4		LR	Hay float with wagon	\$3.50/acre		Rental only
S	Newell Co 4	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Newell Co 4	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Newell Co 4		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only; no operator
S	Newell Co 4		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only; no operator
S	Taber MD	\$1.25/cubic yard	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Taber MD	\$150.00/hour	DO/LL	Terex TS14B motor scraper			Plus trucking of equipment at \$120.00/hour both ways
S	Taber MD	\$170.00/hour	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Taber MD	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Taber MD	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Vulcan		D	Heavy duty breaking disc 10' wide	\$5.50/acre		Rental only
S	Vulcan		DO/DR/LL	PT land scraper 850	\$350.00/day		Rental only
S	Vulcan		LR	PT land roller 40' wide	\$1.75/acre		Rental only; minimum \$350.00/day or \$225.00/half day
S	Vulcan	\$95.00-\$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Vulcan	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Vulcan		Rock PK	Conveyor type rock picker	\$275.00/day		Rental only; \$185.00/half day
S	Vulcan		Rock RK	PT Rock rake	\$295.00/day		Rental only; \$200.00/half day
S	Warner Co 5	\$1.25/cubic yard	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways
S	Warner Co 5	\$150.00/hour	DO/LL	Terex TS14B motor scraper			Plus trucking of equipment at \$120.00/hour both ways
S	Warner Co 5	\$170.00/hour	DO	Hitachi UH123 55' long reach excavator with 1.25 cubic yard bucket			Plus trucking of equipment at \$120.00/hour both ways

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Warner Co 5	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Warner Co 5	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Wheatland		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only
S	Wheatland		DO/DR/LL	Slough pump with 400 foot hose	\$100.00/day		Rental only (24 hour period)
S	Wheatland		LR	SP 100hp land roller 45' wide	\$3.00/acre		Rental only; maximum \$500.00/day
S	Wheatland		LR	Hay float with wagon	\$3.50/acre		Rental only
S	Wheatland	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Wheatland	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
S	Wheatland		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only; no operator
S	Wheatland		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only; no operator
S	Willow Creek MD 26	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
S	Willow Creek MD 26	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Bighorn MD 8	\$75.00/hour	DO/DR	Case 580L rubber tire backhoe			Plus trucking of equipment at \$70.00/hour; used for water lines
C	Bighorn MD 8	\$125.00/hour	DO/DR	Cat D7G crawler with 16' dozer blade			Plus trucking of equipment at \$110.00/hour
C	Bighorn MD 8	\$125.00/hour	DO/DR/LL	Cat 322 backhoe with 2.5 cubic yard bucket			Plus trucking of equipment at \$110.00/hour
C	Bighorn MD 8	\$75.00/hour	R	Case 5140 tractor; rototiller 8' wide			Plus trucking of equipment at \$70.00/hour
C	Clearwater	\$75.00/hour	DO/DR	Case 580L rubber tire backhoe			Plus trucking of equipment at \$70.00/hour; used for water lines
C	Clearwater	\$125.00/hour	DO/DR	Cat D7G crawler with 16' dozer blade			Plus trucking of equipment at \$110.00/hour
C	Clearwater	\$125.00/hour	DO/DR/LL	Cat 322 backhoe with 2.5 cubic yard bucket			Plus trucking of equipment at \$110.00/hour
C	Clearwater	\$75.00/hour	R	Case 5140 tractor; rototiller 8' wide			Plus trucking of equipment at \$70.00/hour
C	Kneehill		LR	PT Degelman land roller 40' wide	\$3.20/acre		Rental only
C	Lacombe	\$135.00/hour	DO/DR/LL	54,000 lb excavator			Plus trucking of equipment at \$110.00/hour
C	Lacombe	\$150.00/hour	DO/DR/LL	74,000 lb excavator			Plus trucking of equipment at \$110.00/hour

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Lacombe	\$155.00/hour	DO	Cat 627 motor scraper			Plus trucking of equipment
C	Lacombe	\$155.00/hour	LL	Fiat Allis FD30 crawler with dozer blade			Plus trucking of equipment
C	Lacombe	\$160.00/hour	Rock PK	Tractor 4wd 130hp; Harley rock picker; truck; two operators			Plus trucking of equipment at \$110.00/hour
C	Lacombe	\$65.00/hour	Rock RK	Tractor 4wd 130hp; Harley rock rake 12' or 20' wide			Plus trucking of equipment at \$110.00/hour
C	Mountain View	\$35.00/acre	D	Steiger 4wd 360hp tractor; 2 Kello-Bilt 300 discs 12' wide each, one behind the other			
C	Mountain View	\$125.00/hour	D	Cat D7G crawler; Rome heavy duty breaking disc 10' wide			Plus trucking of equipment
C	Mountain View	\$135.00/hour	D	Steiger 4wd 360hp tractor; 2 Kello-Bilt 300 discs 12' wide each, one behind the other			
C	Mountain View	\$140.00/hour	D	John Deere 8430 4wd 180hp tractor; heavy duty breaking disc 13' wide			
C	Mountain View		D	Kello-Bilt 300 disc 12' wide	\$350.00/day		Rental only
C	Mountain View		D	Kello-Bilt 400 breaking disc 10' wide	\$425.00/day		Rental only
C	Mountain View		D	Kello-Bilt 500 breaking disc 10' wide	\$450.00/day		Rental only
C	Mountain View	\$75.00/hour	DO/DR	Case 580L rubber tire backhoe			Plus trucking of equipment at \$70.00/hour; used for water lines
C	Mountain View	\$125.00/hour	DO/DR/LL	Cat 322 backhoe with 2.5 cubic yard bucket			Plus trucking of equipment at \$110.00/hour

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Mountain View	\$125.00/hour	DO/DR	Cat D7G crawler with 16' dozer blade			Plus trucking of equipment at \$110.00/hour
C	Mountain View	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
C	Mountain View	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
C	Mountain View	\$140.00/hour	DO/DR/LL	Cat D6D crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$145.00/hour	DO/DR/LL	Cat D7G crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$155.00/hour	DO	Cat 627 motor scraper			Plus trucking of equipment
C	Mountain View	\$160.00/hour	DO/DR/LL	Cat D8H or D8K crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$70.00/hour	DR	Tandem axle dump truck			For hauling gravel
C	Mountain View	\$85.00/hour	DR	John Deere 310SG backhoe with 12", 24", or 36" bucket			For water lines
C	Mountain View	\$155.00/hour	LL	Fiat Allis FD30 crawler with dozer blade			Plus trucking of equipment
C	Mountain View	\$75.00/hour	R	Case 5140 tractor; rototiller 8' wide			Plus trucking of equipment at \$70.00/hour
C	Paintearth Co 18	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Paintearth Co 18	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Ponoka	\$15.00/acre	D	Tractor; Ezee-On breaking disc 12' wide			
C	Ponoka	\$140.00/hour	D	Cat D8H 300hp crawler; breaking disc 12' wide with 32" blades		~3.0 acres/hour	
C	Ponoka	\$135.00/hour	DO/DR/LL	54,000 lb excavator			Plus trucking of equipment at \$110.00/hour
C	Ponoka	\$140.00/hour	DO/DR/LL	Cat D8H crawler with dozer blade			Plus trucking of equipment at \$120.00/hour; minimum charge \$250.00
C	Ponoka	\$150.00/hour	DO/DR/LL	74,000 lb excavator			Plus trucking of equipment at \$110.00/hour
C	Ponoka	\$65.00/hour	Rock RK	Tractor 4wd 130hp; Harley rock rake 12' or 20' wide			Plus trucking of equipment at \$110.00/hour
C	Ponoka	\$160.00/hour	Rock PK	Tractor 4wd 130hp; Harley rock picker; truck; two operators			Plus trucking of equipment at \$110.00/hour
C	Red Deer	\$35.00/acre	D	Steiger 4wd 360hp tractor; 2 Kello-Bilt 300 discs 12' wide each, one behind the other			
C	Red Deer	\$135.00/hour	D	Steiger 4wd 360hp tractor; 2 Kello-Bilt 300 discs 12' wide each, one behind the other			
C	Red Deer		D	Kello-Bilt 300 disc 12' wide	\$350.00/day		Rental only
C	Red Deer		D	Kello-Bilt 400 breaking disc 10' wide	\$425.00/day		Rental only
C	Red Deer		D	Kello-Bilt 500 breaking disc 10' wide	\$450.00/day		Rental only
C	Red Deer	\$70.00/hour	DR	Tandem axle dump truck			For hauling gravel

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Red Deer	\$90.00/hour	LL	Cat D6 highhorser crawler with dozer blade and winch			Plus trucking of equipment at \$90.00/hour; both ways if 10 hours or less of work, one way if between 10 and 20 hours of work and no charge for moving equipment if greater than 20 hours of work
C	Red Deer	\$155.00/hour	LL	Fiat Allis FD30 crawler with dozer blade			Plus trucking of equipment
C	Rocky View MD 44		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only
C	Rocky View MD 44	\$75.00/hour	DO/DR	Case 580L rubber tire backhoe			Plus trucking of equipment at \$70.00/hour; used for water lines
C	Rocky View MD 44	\$125.00/hour	DO/DR	Cat D7G crawler with 16' dozer blade			Plus trucking of equipment at \$110.00/hour
C	Rocky View MD 44	\$125.00/hour	DO/DR/LL	Cat 322 backhoe with 2.5 cubic yard bucket			Plus trucking of equipment at \$110.00/hour
C	Rocky View MD 44		DO/DR/LL	Slough pump with 400 foot hose	\$100.00/day		Rental only (24 hour period)
C	Rocky View MD 44	\$70.00/hour	DR	Tandem axle dump truck			For hauling gravel
C	Rocky View MD 44	\$85.00/hour	DR	John Deere 310SG backhoe with 12", 24", or 36" bucket			For water lines
C	Rocky View MD 44		LR	SP 100hp land roller 45' wide	\$3.00/acre		Rental only; maximum \$500.00/day
C	Rocky View MD 44		LR	Hay float with wagon	\$3.50/acre		Rental only
C	Rocky View MD 44	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Rocky View MD 44	\$75.00/hour	R	Case 5140 tractor; rototiller 8' wide			Plus trucking of equipment at \$70.00/hour
C	Rocky View MD 44	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Rocky View MD 44		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only; no operator
2	Rocky View MD 44		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only; no operator
C	Special Area No. 2	\$1.00/cubic yard	DO	John Deere 790 trackhoe excavator			Plus trucking of equipment at \$120.00/hour
C	Special Area No. 2	\$100.00/hour	DO	Tractor 300hp; Cat 70 motor scraper			Plus trucking of equipment at \$120.00/hour
C	Special Area No. 2	\$130.00/hour	DO	John Deere 790 trackhoe excavator			Plus trucking of equipment at \$120.00/hour
C	Special Area No. 2	\$100.00/hour	Feedlot landscaping	Tractor 300hp; Cat 70 motor scraper			Plus trucking of equipment at \$120.00/hour
C	Special Area No. 2	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Special Area No. 2	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Special Area No. 3	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
C	Special Area No. 3	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Special Area No. 4	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Special Area No. 4	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Starland	\$95.00- \$100.00/acre	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Starland	\$125.00/hour	R	Versatile 118 120hp tractor; motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep			Plus trucking of equipment one way at cost
C	Stettler Co 6	\$125.00/hour	DO	Cat D7G crawler with dozer blade			Transportation cost waived for farmers
C	Stettler Co 6	\$135.00/hour	DO/DR/LL	54,000 lb excavator			Plus trucking of equipment at \$110.00/hour
C	Stettler Co 6	\$150.00/hour	DO/DR/LL	74,000 lb excavator			Plus trucking of equipment at \$110.00/hour
C	Stettler Co 6	\$150.00/hour	DO	Fiat Allis motor scraper			Transportation cost waived for farmers
C	Stettler Co 6	\$65.00/hour	Rock RK	Tractor 4wd 130hp; Harley rock rake 12' or 20' wide			Plus trucking of equipment at \$110.00/hour
C	Stettler Co 6	\$160.00/hour	Rock PK	Tractor 4wd 130hp; Harley rock picker; truck; two operators			Plus trucking of equipment at \$110.00/hour
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NE	Beaver	\$135.00/hour	D	Tractor; Athens heavy duty disc			
NE	Beaver	\$100.00/hour	DO/LL	Trackhoe excavator			
NE	Beaver	\$135.00/hour	DO/LL	Cat D8 crawler with dozer blade			
NE	Beaver	\$210.00/hour	DO/LL	Cat 627 motor scraper			
NE	Camrose Co 22	\$135.00/hour	D	Tractor; Athens heavy duty disc			
NE	Camrose Co 22	\$100.00/hour	DO/LL	Trackhoe excavator			
NE	Camrose Co 22	\$135.00/hour	DO/DR/LL	54,000 lb excavator			Plus trucking of equipment at \$110.00/hour
NE	Camrose Co 22	\$135.00/hour	DO/LL	Cat D8 crawler with dozer blade			
NE	Camrose Co 22	\$150.00/hour	DO/DR/LL	74,000 lb excavator			Plus trucking of equipment at \$110.00/hour
NE	Camrose Co 22	\$210.00/hour	DO/LL	Cat 627 motor scraper			
NE	Camrose Co 22	\$65.00/hour	Rock RK	Tractor 4wd 130hp; Harley rock rake 12' or 20' wide			Plus trucking of equipment at \$110.00/hour
NE	Camrose Co 22	\$160.00/hour	Rock PK	Tractor 4wd 130hp; Harley rock picker; truck; two operators			Plus trucking of equipment at \$110.00/hour
NE	Lamont	\$135.00/hour	D	Tractor; Athens heavy duty disc			

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NE	Lamont	\$100.00/hour	DO/LL	Trackhoe excavator			
NE	Lamont	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NE	Lamont	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NE	Lamont	\$135.00/hour	DO/LL	Cat D8 crawler with dozer blade			
NE	Lamont	\$210.00/hour	DO/LL	Cat 627 motor scraper			
NE	Provost MD 52	\$90.00/hour	D	Bolaris 7010 250hp tractor; Kello-Bilt 350 breaking disc 12' wide			
NE	Provost MD 52	\$90.00/hour	DO/DR/LL	Bolaris 7010 250hp tractor with 12 cubic yard land scraper			
NE	Provost MD 52	\$90.00/hour	DO/DR/LL	International 20B power shift dozer			
NE	Provost MD 52	\$100.00/hour	DO/DR/LL	John Deere 790 trackhoe excavator			
NW	Athabasca Co 12	\$1.50/cubic metre	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Athabasca Co 12	\$1.50/cubic metre	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Athabasca Co 12	\$100.00/hour	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Athabasca Co 12	\$120.00/hour	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Barrhead Co 11	\$115.00/hour	D	Steiger Industrial wheel loader; Ezee-On breaking disc 14' wide with 35" blades			
NW	Barrhead Co 11	\$1.50/cubic metre	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Barrhead Co 11	\$1.50/cubic metre	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Barrhead Co 11	\$100.00/hour	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Barrhead Co 11	\$100.00/hour	DO	Hitachi 200LC backhoe excavator			
NW	Barrhead Co 11	\$110.00/hour	DO/DR/LL	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$100.00/hour; minimum 1 hour job
NW	Barrhead Co 11	\$115.00/hour	DO/DR/LL	Terex 14-17 cubic yard land scraper			
NW	Barrhead Co 11	\$120.00/hour	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Barrhead Co 11	\$130.00/hour	DO	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Barrhead Co 11	\$145.00/hour	DO	Hitachi 300 - 3LC trackhoe excavator			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Barrhead Co 11	\$150.00/hour	DO	Cat D8K crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Barrhead Co 11	\$174.00/hour	R	Cat D8K crawler with 1 point ripper			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Brazeau MD 77	\$80.00/hour	DO/DR/LL	2005 Cat 420D wheel loader backhoe			

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Brazeau MD 77	\$85.00/hour	DO/DR/LL	2001 tandem axle gravel truck			For hauling gravel
NW	Brazeau MD 77	\$95.00/hour	DO/DR/LL	1995 Cat D5C 91hp crawler with 6' wide angle blade and winch			
NW	Brazeau MD 77	\$95.00/hour	DO/DR/LL	Truck and trailer for hauling heavy duty equipment to job site			
NW	Brazeau MD 77	\$115.00/hour	DO/DR/LL	1998 Cat 315 excavator with hydraulic thumb; 28" digging bucket or 50" cleanup bucket			Plus trucking of equipment
NW	Brazeau MD 77	\$115.00/hour	DO/DR/LL	Cat D6C crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Brazeau MD 77	\$135.00/hour	DO/DR/LL	1994 Cat 325 trackhoe excavator with hydraulic thumb; 42" digging bucket or 66" cleanup bucket			Plus trucking of equipment
NW	Brazeau MD 77	\$135.00/hour	DO/DR/LL	2004 Komatsu 220 excavator; 42" digging bucket or 66" cleanup bucket			Plus trucking of equipment
NW	Brazeau MD 77	\$155.00/hour	DO	Cat D8H crawler with 16' blade and Cat D8 hinge ripper			
NW	Brazeau MD 77	\$155.00/hour	DO/DR/LL	Cat D8H crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Brazeau MD 77	\$180.00/hour	D	Cat D8H crawler; Rome TRW breaking disc 11" wide		~3.0-5.0 acres/hour	
NW	Brazeau MD 77	\$135.00/hour	P	Cat D6C crawler; breaking plow 2 bottom x 24" spacing		~1.0-1.5 acres/hour	
NW	Brazeau MD 77		R	PT 3 point hitch heavy duty rototiller 5' wide	\$85.00/day		Rental only
NW	Lac Ste. Anne	\$60.00/hour	Aerate	John Deere 4430 2wd 125hp tractor; Airway aerator 16' wide			Plus fuel

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Lac Ste. Anne	\$100.00/hour	DO	Hitachi 200LC backhoe excavator			
NW	Lac Ste. Anne	\$130.00/hour	DO	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Lac Ste. Anne	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Lac Ste. Anne	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Lac Ste. Anne	\$145.00/hour	DO	Hitachi 300 - 3LC trackhoe excavator			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Lac Ste. Anne	\$150.00/hour	DO	Cat D8K crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Lac Ste. Anne	\$75.00/hour	DR	Case 580K rubber tire backhoe with 1.5 cubic yard bucket			For farm water lines or drainage ditches
NW	Lac Ste. Anne	\$110.00/hour	DR	Daewoo 220 trackhoe excavator			For farm water lines or drainage ditches
NW	Lac Ste. Anne	\$174.00/hour	R	Cat D8K crawler with 1 point ripper			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Leduc	\$15.00/acre	D	Tractor; Ezee-On breaking disc 12' wide			
NW	Leduc	\$135.00/hour	D	Tractor; Athens heavy duty disc			
NW	Leduc	\$100.00/hour	DO/LL	Trackhoe excavator			
NW	Leduc	\$135.00/hour	DO/LL	Cat D8 crawler with dozer blade			
NW	Leduc	\$210.00/hour	DO/LL	Cat 627 motor scraper			
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Parkland	\$70.00/hour	D	Tractor 130hp; Hutchmaster disc			Serves local area; travel time extra
NW	Parkland	\$180.00/hour	D	Cat D8H crawler; Rome TRW breaking disc 11" wide		~3.0-5.0 acres/hour	
NW	Parkland	\$80.00/hour	DO/DR/LL	2005 Cat 420D wheel loader backhoe			
NW	Parkland	\$115.00/hour	DO/DR/LL	Cat D6C crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Parkland	\$155.00/hour	DO	Cat D8H crawler with 16' blade and Cat D8 hinge ripper			
NW	Parkland	\$155.00/hour	DO/DR/LL	Cat D8H crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Parkland	\$75.00/hour	DR	Case 580K rubber tire backhoe with 1.5 cubic yard bucket			For farm water lines or drainage ditches
NW	Parkland	\$110.00/hour	DR	Daewoo 220 trackhoe excavator			For farm water lines or drainage ditches
NW	Parkland	\$135.00/hour	P	Cat D6C crawler; breaking plow 2 bottom x 24" spacing		~1.0-1.5 acres/hour	
NW	Strathcona	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Strathcona	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Sturgeon	\$1.50/cubic metre	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Sturgeon	\$1.50/cubic metre	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Sturgeon	\$100.00/hour	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Sturgeon	\$120.00/hour	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Sturgeon	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Sturgeon	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Thorhild Co 7	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Thorhild Co 7	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Westlock	\$115.00/hour	D	Steiger Industrial wheel loader; Ezee-On breaking disc 14' wide with 35" blades			
NW	Westlock	\$1.25/cubic yard	DO/DR/LL	Hitachi EX200 excavator or John Deere 790 excavator			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$1.50/cubic metre	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Westlock	\$1.50/cubic metre	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Westlock	\$85.00/hour	DO/DR/LL	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$85.00/hour; minimum 1 hour job
NW	Westlock	\$100.00/hour	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Westlock	\$110.00/hour	DO/DR/LL	Cat D6D crawler with dozer blade			Plus trucking of equipment at \$100.00/hour
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Westlock	\$110.00/hour	DO/DR/LL	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$110.00/hour	DO/DR/LL	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$100.00/hour; minimum 1 hour job
NW	Westlock	\$110.00/hour	DO/DR/LL	Hitachi EX200 excavator			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$115.00/hour	DO/DR/LL	Terex 14-17 cubic yard land scraper			
NW	Westlock	\$120.00/hour	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Westlock	\$130.00/hour	DO/LL	Cat D8H crawler with 16' dozer blade			Plus trucking of equipment
NW	Westlock	\$130.00/hour	DO/LL	Fiat Allis HD21B crawler with 16' dozer blade			Plus trucking of equipment
NW	Westlock	\$130.00/hour	DO/DR/LL	John Deere 790 trackhoe excavator			Plus trucking of equipment at \$100.00/hour
NW	Westlock	\$85.00/hour	DR	Cat D7G crawler with Cat hydraulic scraper 8' wide			
NW	Westlock	\$85.00/hour	DR	Steiger Bear Cat 4wd 225hp tractor; Cat hydraulic scraper 8' wide			
NW	Wetaskiwin Co 10	\$15.00/acre	D	Tractor; Ezee-On breaking disc 12' wide			
NW	Wetaskiwin Co 10	\$135.00/hour	DO/DR/LL	54,000 lb excavator			Plus trucking of equipment at \$110.00/hour
NW	Wetaskiwin Co 10	\$150.00/hour	DO/DR/LL	74,000 lb excavator			Plus trucking of equipment at \$110.00/hour
NW	Wetaskiwin Co 10	\$65.00/hour	Rock RK	Tractor 4wd 130hp; Harley rock rake 12' or 20' wide			Plus trucking of equipment at \$110.00/hour

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking

Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Wetaskiwin Co 10	\$160.00/hour	Rock PK	Tractor 4wd 130hp; Harley rock picker; truck; two operators			Plus trucking of equipment at \$110.00/hour
NW	Woodlands	\$1.50/cubic metre	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Woodlands	\$1.50/cubic metre	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Woodlands	\$80.00/hour	DO/DR/LL	2005 Cat 420D wheel loader backhoe			
NW	Woodlands	\$100.00/hour	DO/DR/LL	Cat EL240 excavator			Plus trucking of equipment
NW	Woodlands	\$100.00/hour	DO	Hitachi 200LC backhoe excavator			
NW	Woodlands	\$120.00/hour	DO/DR/LL	Hitachi EX300 excavator			Plus trucking of equipment
NW	Woodlands	\$130.00/hour	DO	Cat D7G crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Woodlands	\$145.00/hour	DO	Hitachi 300 - 3LC trackhoe excavator			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Woodlands	\$150.00/hour	DO	Cat D8K crawler with dozer blade			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Woodlands	\$174.00/hour	R	Cat D8K crawler with 1 point ripper			Plus trucking of equipment at \$130.00/hour; minimum 1 hour job
NW	Yellowhead	\$180.00/hour	D	Cat D8H crawler; Rome TRW breaking disc 11" wide		~3.0-5.0 acres/hour	
NW	Yellowhead	\$80.00/hour	DO/DR/LL	2005 Cat 420D wheel loader backhoe			

Region: S - South C - Central NE - North East NW - North West P - Peace **Operation:** D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking
Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated

LAND BREAKING OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Rate/Hour	Notes
NW	Yellowhead	\$115.00/hour	DO/DR/LL	Cat D6C crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Yellowhead	\$155.00/hour	DO	Cat D8H crawler with 16' blade and Cat D8 hinge ripper			
NW	Yellowhead	\$155.00/hour	DO/DR/LL	Cat D8H crawler with dozer blade			Plus trucking of equipment one way at cost
NW	Yellowhead	\$110.00/hour	DR	Daewoo 220 trackhoe excavator			For farm water lines or drainage ditches
NW	Yellowhead	\$110.00/hour	DR	Daewoo 220 trackhoe excavator			For farm water lines or drainage ditches
NW	Yellowhead	\$135.00/hour	P	Cat D6C crawler; breaking plow 2 bottom x 24" spacing		~1.0-1.5 acres/hr	
P	All Counties	\$250.00/hour metered time	R	Massey Ferguson 1805 4wd 210hp tractor; Madge 560hp rototiller			Charges for metered time only; travel time included
P	Clear Hills MD 21	\$14.00/acre	D	Case-IH 4894 tractor; Big G heavy duty disc 16' wide			
P	Spirit River MD 133	\$80.00/hour	Water Hauling	Water tanker holds 3,000 gallons			Hauling water to dugouts
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Operation: D - Discing P - Plowing LL - Land Leveling LR - Land Rolling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock raking</p> <p>Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated</p>							

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
S	Cardston	\$110.00/hour	D	John Deere 8440 4wd 200hp tractor; Whishek breaking disc 14' wide		P/H	
S	Cardston	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Cardston	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Cypress	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Cypress	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Foothills MD 31	\$8.00/acre	C	John Deere 7810 tractor, cultivator with John Deere air seeder		C/S	Cultivating and seeding; ~15 acres/hour average
S	Foothills MD 31	\$10.00/acre	C	Case 7120 4wd 175hp tractor, Morris heavy duty cultivator 21' wide		C/S	
S	Foothills MD 31	\$10.00/acre	D	Case 7120 4wd 175hp tractor, Hutchmaster heavy duty disc 14' wide		P/H	
S	Foothills MD 31	\$100.00/hour	D	Case 4694 230hp tractor, Whishek breaking disc 20' wide		C/S or P/H	
S	Foothills MD 31	\$5.00/acre	H	Tractor, Flexi-Coil harrow 60' wide		C/S	
S	Foothills MD 31	\$5.00/acre	LR	Tractor, land roller (shop built) 20' wide		P/H	
S	Foothills MD 31	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled</p> <p>Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling</p> <p>Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
S	Foothills MD 31	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Forty Mile Co 8	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Forty Mile Co 8	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Lethbridge	\$6.25/acre	C	Case 9250 4wd 300hp tractor, Bourgault 880 heavy duty cultivator 40' wide with mounted harrow packer and Valmar box		P/H	Heavy cultivating, harrowing & packing and applying granular herbicide in one pass
S	Lethbridge	\$2.75/acre	HP	John Deere 4250 fwa 130hp tractor, Blanchard heavy harrow packer 50' wide		C/S	
S	Lethbridge	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Lethbridge	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Newell Co 4		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only
S	Newell Co 4	\$2.50/acre	H	Tractor, harrow packer 50' wide		C/S	
S	Newell Co 4	\$6.00/acre	H	Tractor, Phillips rotary harrow 50' wide		C/S	
S	Newell Co 4		LR	SP 100hp land roller 45' wide	\$3.00/acre		Rental only; maximum \$500.00/day
S	Newell Co 4		LR	Hay float with wagon	\$3.50/acre		Rental only

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
S	Newell Co 4	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Newell Co 4	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Newell Co 4		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only
S	Newell Co 4		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only
S	Taber MD	\$6.25/acre	C	Case 9250 4wd 300hp tractor, Bourgault 880 heavy duty cultivator 40' wide with mounted harrow packer and Valmar box		P/H	Heavy cultivating, harrowing & packing and applying granular herbicide in one pass
S	Taber MD	\$6.00/acre	H	Tractor, Phillips rotary harrow 50' wide		C/S	
S	Taber MD	\$2.75/acre	HP	John Deere 4250 fwa 130hp tractor, Blanchard heavy harrow packer 50' wide		C/S	
S	Taber MD	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Taber MD	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Vulcan	\$100.00/hour	D	Case 4694 230hp tractor, Whishek breaking disc 20' wide		C/S or P/H	
S	Vulcan		D	Heavy duty disc 10' wide	\$5.50/acre		Rental only; minimum \$280.00/day
S	Vulcan		D	Heavy duty disc 14' wide	\$5.50/acre		Rental only; minimum \$365.00/day
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled</p> <p>Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling</p> <p>Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
S	Vulcan		D	Heavy duty disc 20' wide	\$5.50/acre		Rental only; minimum \$550.00/day
S	Vulcan		D	Heavy duty disc 8' wide	\$5.50/acre		Rental only; minimum \$250.00/day
S	Vulcan		H	Heavy harrow 44' wide	\$1.75/acre		Rental only; minimum \$380.00/day
S	Vulcan		H	Heavy harrow 62' wide	\$1.75/acre		Rental only; minimum \$400.00/day
S	Vulcan	\$3.50/acre	H	Versatile 875 4wd 300hp tractor, harrow bar 100' wide		C/S	~60 acres/hour average
S	Vulcan	\$4.25/acre	H	John Deere 9400 4wd 425hp tractor, Degelman heavy harrow 70' wide		C/S	
S	Vulcan	\$6.00/acre	H	Tractor, Phillips rotary harrow 50' wide		C/S	
S	Vulcan		HP	Harrow packer 46' wide	\$1.75/acre		Rental only; maximum \$375.00/day or \$250.00/half day
S	Vulcan	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Vulcan	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Warner Co 5	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Warner Co 5	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Wheatland	\$100.00/hour	D	Case 4694 230hp tractor, Whishek breaking disc 20' wide		C/S or P/H	

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
S	Wheatland		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only
S	Wheatland		LR	SP 100hp land roller 45' wide	\$3.00/acre		Rental only; maximum \$500.00/day
S	Wheatland		LR	Hay float with wagon	\$3.50/acre		Rental only
S	Wheatland	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Wheatland	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
S	Wheatland		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only
S	Wheatland		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only
S	Willow Creek MD 26	\$3.50/acre	H	John Deere 8640 275hp tractor, Degelman heavy harrow 70' wide		C/S	
S	Willow Creek MD 26	\$3.50/acre	HP	John Deere 8640 275hp tractor, Flexi-Coil harrow packer 70' wide		C/S	
S	Willow Creek MD 26	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
S	Willow Creek MD 26	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
C	Kneehill	\$100.00/hour	D	Case 4694 230hp tractor, Whishek breaking disc 20' wide		C/S or P/H	

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
C	Kneehill		LR	PT Degelman land roller 40' wide	\$3.20/acre		Rental only
C	Mountain View	\$8.00/acre	C	John Deere 8760 4wd tractor, field cultivator 40' wide		C/S	
C	Mountain View	\$35.00/acre	D	Steiger 4wd 360hp tractor, 2 Kello-Bilt 300 discs 12' wide each, one behind the other		C/S or P/H	
C	Mountain View	\$135.00/hour	D	Steiger 4wd 360hp tractor, 2 Kello-Bilt 300 discs 12' wide each, one behind the other		C/S or P/H	
C	Mountain View	\$140.00/hour	D	John Deere 8430 4wd 180hp tractor, heavy duty breaking disc 13' wide		P/H	Plus trucking of equipment
C	Mountain View		D	Kello-Bilt 300 disc 12' wide	\$350.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Mountain View		D	Kello-Bilt 400 breaking disc 10' wide	\$425.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Mountain View		D	Kello-Bilt 500 breaking disc 10' wide	\$450.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Mountain View	\$125.00/hour	SS	Steiger 4wd 360hp tractor, Kello-Bilt 5 shank subsoiler		C/S or P/H	
C	Paintearth Co 18	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Paintearth Co 18	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
C	Ponoka	\$8.00/acre	C	Tractor, Bourgault cultivator 40' wide		C/S	
C	Ponoka	\$8.50/acre	D	Tractor, Ezee-On disc		C/S	
C	Ponoka	\$10.00/acre	D	John Deere 4440 2wd 140hp tractor, Kello-Bilt 210 breaking disc		P/H	~5.5 acres/hour average
C	Ponoka	\$15.00/acre	D	Tractor, Ezee-On breaking disc 12' wide		P/H	
C	Ponoka	\$55.00/hour	D	John Deere 4440 2wd 140hp tractor, Kello-Bilt 210 breaking disc		P/H	~5.5 acres/hour average
C	Ponoka	\$3.75/acre	H	Tractor, heavy harrow 60' wide		C/S	
C	Ponoka		H	Heavy harrow 60' wide	\$1.50/acre		Rental only
C	Ponoka		H	Heavy harrow 60' wide with Valmar box	\$3.00/acre		Rental only
C	Ponoka		H	Tractor, heavy harrow 60' wide with Valmar box	\$4.00/acre		Rental only; no operator
C	Ponoka	\$3.75/acre	HP	Tractor, harrow packer 60' wide		C/S	
C	Ponoka		LR	PT land roller	\$300.00/day		Rental only; \$200.00/half day
C	Red Deer	\$6.00/acre	C	Tractor, field cultivator 40' wide with harrow packer bar		C/S	Cultivating, harrowing & packing in one pass
C	Red Deer	\$35.00/acre	D	Steiger 4wd 360hp tractor, 2 Kello-Bilt 300 discs 12' wide each, one behind the other		C/S or P/H	

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
C	Red Deer	\$135.00/hour	D	Steiger 4wd 360hp tractor, 2 Kello-Bilt 300 discs 12' wide each, one behind the other		C/S or P/H	
C	Red Deer		D	Kello-Bilt 300 disc 12' wide	\$350.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Red Deer		D	Kello-Bilt 400 breaking disc 10' wide	\$425.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Red Deer		D	Kello-Bilt 500 breaking disc 10' wide	\$450.00/day		Rental only, no operator or tractor; plus trucking of disc to site; \$75.00/flat rate within 25 miles
C	Red Deer	\$125.00/hour	SS	Steiger 4wd 360hp tractor, Kello-Bilt 5 shank subsoiler		C/S or P/H	
C	Rocky View MD 44	\$140.00/hour	C	Steiger 4wd 350hp tractor, Flexi-Coil deep tillage cultivator 41' wide		C/S	
C	Rocky View MD 44	\$9.00/acre	D	Steiger 4wd 350hp tractor, John Deere disc 32' wide		C/S	
C	Rocky View MD 44	\$100.00/hour	D	Case 4694 230hp tractor, Whishek breaking disc 20' wide		C/S or P/H	
C	Rocky View MD 44	\$140.00/hour	D	Steiger 4wd 350hp tractor, John Deere tandem disc 32' wide		C/S or P/H	
C	Rocky View MD 44		D	Kello-Bilt double disc 14' wide with 26" blades	\$300.00/day		Rental only
C	Rocky View MD 44	\$12.00/acre or \$145.00/hour	D & Seed	Steiger 4wd 350hp tractor, John Deere disc 32' wide with air cart		C/S	Discing and seeding grains in one operation
C	Rocky View MD 44	\$12.00/acre or \$150.00/hour	D, Seed & Fert	Steiger 4wd 350hp tractor, John Deere disc 32' wide with air cart & liquid fertilizer applicator behind		C/S	Discing, seeding grains and applying liquid fertilizer in one operation

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
C	Rocky View MD 44	\$32.00/acre	P	Case 4690 4wd 200hp tractor, Melroe 6 bottom plow pulling roller behind		P/H	
C	Rocky View MD 44	\$32.00/acre or \$110.00/hour	P	John Deere 7820 160hp or John Deere 8200 160hp tractor, Kverneland moldboard plow 6 bottom x 16" spacing		P/H	
C	Rocky View MD 44	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Rocky View MD 44	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
C	Rocky View MD 44		Tractor Rental	Case 2590 2wd 210hp tractor	\$45.00/hour		Rental only
C	Rocky View MD 44		Tractor Rental	Case-IH 9270 4wd 325hp tractor	\$85.00/hour		Rental only
C	Special Area No 2	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Special Area No 2	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
C	Special Area No 3	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Special Area No 3	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
C	Special Area No 4	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled</p> <p>Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling</p> <p>Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
C	Special Area No 4	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
C	Starland	\$95.00 - \$100.00/acre	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost; rate depends on rocks, roots, etc.
C	Starland	\$125.00/hour	R	Versatile 118 120hp tractor, motorized 400hp rotary plow 7.5' wide, 72 tines, digs 8" deep		P/H	Plus trucking of equipment one way at cost
NE	Bonnyville MD 87	\$20.00/acre	P	Massey Ferguson 1805 4wd 210hp tractor, Melroe plow 8 bottom x 16" spacing		P/H	Travel time and trucking of equipment included
NE	Bonnyville MD 87	\$20.00/acre	P	Massey Ferguson 1805 4wd 210hp tractor, Willridge plow with centre pivot 9 bottom x 18" spacing		P/H	Travel time and trucking of equipment included
NE	Flagstaff	\$8.50/acre	C	Tractor, Bourgault cultivator with 10" spacing		C/S	Standing stubble
NE	Provost MD 52	\$8.50/acre	C	Tractor, Bourgault cultivator with 10" spacing		C/S	Standing stubble
NE	Provost MD 52	\$90.00/hour	D	Bolaris 7010 250hp tractor, Kello-Bilt 350 breaking disc 12' wide		P/H	
NE	St. Paul Co 19	\$20.00/acre	P	Massey Ferguson 1805 4wd 210hp tractor, Melroe plow 8 bottom x 16" spacing		P/H	Travel time and trucking of equipment included
NE	St. Paul Co 19	\$20.00/acre	P	Massey Ferguson 1805 4wd 210hp tractor, Willridge plow with centre pivot 9 bottom x 18" spacing		P/H	Travel time and trucking of equipment included
NE	Wainwright MD 61	\$3.00/acre	HP	Case 4490 4wd 180hp tractor, Flexi-Coil harrow packer 50' wide		C/S	Tine teeth, coil packers; ~ 20 acres/hour average; good neighbor rate
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled</p> <p>Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling</p> <p>Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
NW	Barrhead Co 11	\$115.00/hour	D	Steiger Industrial wheel loader, Ezee-On breaking disc 14' wide with 35" blades		C/S or P/H	
NW	Brazeau MD 77	\$90.00/hour	C	John Deere 7710 fwa 135hp tractor, International Harvester deep tillage cultivator 16' wide		C/S or P/H	
NW	Brazeau MD 77	\$90.00/hour	D	John Deere 7710 fwa 135hp tractor, Ezee-On breaking disc 12' wide		P/H	
NW	Brazeau MD 77	\$90.00/hour	D	John Deere 7710 fwa 135hp tractor, John Deere field disc 20' wide		P/H	
NW	Brazeau MD 77	\$90.00/hour	P	John Deere 7710 fwa 135hp tractor, International Harvester plow 6 bottom x 18" spacing		P/H	
NW	Leduc	\$8.00/acre	C	Tractor, Bourgault cultivator 40' wide		C/S	
NW	Leduc	\$8.50/acre	D	Tractor, Ezee-On disc		C/S	
NW	Leduc	\$15.00/acre	D	Tractor, Ezee-On breaking disc 12' wide		P/H	
NW	Leduc	\$3.75/acre	H	Tractor, heavy harrow 60' wide		C/S	
NW	Leduc		H	Heavy harrow 60' wide	\$1.50/acre		Rental only
NW	Leduc		H	Heavy harrow 60' wide with Valmar box	\$3.00/acre		Rental only
NW	Leduc		H	Tractor, heavy harrow 60' wide with Valmar box	\$4.00/acre		Rental only; no operator

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
NW	Leduc	\$3.75/acre	HP	Tractor, harrow packer 60' wide		C/S	
NW	Leduc		LR	PT land roller	\$300.00/day		Rental only; \$200.00/half day
NW	Strathcona	\$4.75/acre	C	Steiger Case 9350 4wd 310hp tractor, Morris chisel plow 35' wide		C/S	
NW	Strathcona	\$8.00/acre	D	Steiger Case 9350 4wd 310hp tractor, White disc 32' wide		C/S	
NW	Strathcona	\$1.75/acre	H	Steiger Case 9350 4wd 310hp tractor, Inland diamond harrows 70' wide		C/S	
NW	Westlock	\$12.00/acre or \$125.00/hour	D	Tractor, Kello-Bilt double disc with 26" blades		C/S or P/H	
NW	Westlock	\$115.00/hour	D	Steiger Industrial wheel loader, Ezee-On breaking disc 14' wide with 35" blades		C/S or P/H	
NW	Wetaskiwin Co 10	\$8.00/acre	C	Tractor, Bourgault cultivator 40' wide		C/S	
NW	Wetaskiwin Co 10	\$8.50/acre	D	Tractor, Ezee-On disc		C/S	
NW	Wetaskiwin Co 10	\$15.00/acre	D	Tractor, Ezee-On breaking disc 12' wide		P/H	
NW	Wetaskiwin Co 10	\$3.75/acre	H	Tractor, heavy harrow 60' wide		C/S	
NW	Wetaskiwin Co 10		H	Heavy harrow 60' wide	\$1.50/acre		Rental only

Region: S - South C - Central NE - North East NW - North West P - Peace **Equipment:** fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled

Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling

Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland **Notes:** Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.

TILLAGE OPERATIONS 2004



Region	County	Custom Cost	Operation	Equipment	Rental Rate	Land Type	Notes
NW	Wetaskiwin Co 10		H	Heavy harrow 60' wide with Valmar box	\$3.00/acre		Rental only
NW	Wetaskiwin Co 10		H	Tractor, heavy harrow 60' wide with Valmar box	\$4.00/acre		Rental only; no operator
NW	Wetaskiwin Co 10	\$3.75/acre	HP	Tractor, harrow packer 60' wide		C/S	
NW	Wetaskiwin Co 10		LR	PT land roller	\$300.00/day		Rental only; \$200.00/half day
P	Grande Prairie Co 1	\$105.00/hour	P	Versatile 875 4wd 250hp tractor, Melroe plow 8 bottom x 18" spacing with Valmar box		P/H	Heavy cultivating and applying granular herbicide in one pass
P	Spirit River MD 133	\$10.00/acre	D	Case 4890 4wd 300hp tractor, White heavy duty disc 33' wide with diamond harrow bar		C/S	Discing and harrowing in one operation; two passes per acre
<p>Region: S - South C - Central NE - North East NW - North West P - Peace Equipment: fwa - front wheel assist hp - horse power M - metre PT - pull-type SP - self-propelled</p> <p>Operation: C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling</p> <p>Land Type: C/S - Crop/Summerfallow P/H - Pasture/Hayland Notes: Custom costs include operator and fuel and are based on one pass per acre, unless otherwise stated.</p>							