

1985 custom rates for farm services in Missouri

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The custom rates reported in this guide were revised based on a statewide survey conducted in January 1986. Questionnaires were sent to farmers, agri-business firms, aerial applicators, and land improvement firms, aerial applicators, and land improv contractors known to be performing custom services.

Rate data from the questionnaires were tabulated according to the most common rate reported, a simple average of all rates, and the range of the rates reported for the custom service being performed.

BASIS FOR CHARGES. In general, rates are reported on the basis of acres or yield. In some cases, however, rates were reported on another basis such as per hour.

Hourly rates are often difficult to interpret because they depend on the size of equipment used. Whenever charges, these rates were converted to dollars per acre.

Earth moving charges are reported per hour by size of equipment used. However, contractor estimates for

performing various jobs are also reported by cubic yard or other appropriate quantity units.

^{Farm} Management

JUN 1 1 1986

RATES MAY NOT COVER COSTS. The rates in this guide are the "going rates" charged in 1985. There is no assurance that the average or most common rate reported will cover the cost of performing the service. In some cases the reported rates are less than the amount needed to cover operating, labor and fixed machinery costs. The farmer who performs custom services is able to charge a rate below total cost because any income over cash expenses goes toward paying the fixed cost of a machine he already owns. The full-time custom operator, however, must charge a rate to cover all costs (including a normal profit). A custom operator should, therefore, carefully estimate his costs to determine if they are, or will be covered by the "going rate."*

RATES VARY WIDELY. The range in rates charged varied widely for a great many custom jobs. Rates can vary for several reasons: (1) competition for custom work in an area; (2) field conditions including size, shape and topography; (3) crop conditions and yields; (4) differences in type and size of equipment; (5) quality of work performed; (6) distance to job; and (7) speed at which operators adjust rates to current costs.

*See UMC Guide 303, "Estimating Custom Work Costs."

		Basis Most		Rang	Rates	Numbers		
CUSTOM JOB PERFORMED		of Charge	Common Rate	Average Rate	Low		High	Number Reporting
TILLAGE:		charge	Rate	Nate	LOW		might	Reporting
Plowing, moldboard:	Normal soil	Acre	\$10.00	\$9.49	\$3.33	-	\$20.00	80
rowring, morubourd.	Normal soil	Hour	30.00	25.75	18.00	-	30.00	4
	Heavy soil	Acre	10.00	11.27	5.00	-	25.00	54
lowing, chisel plow:	Normal soil	Acre	8.00	7.79	2.86	-	15.00	77
fouring, christer prout	Normal soil	Hour	15.00	22.50	15.00	-	30.00	2
	Heavy soil	Acre	10.00	9.09	4.00	-	20.00	45
lowing, disk plow:	incury sorr	Acre	10.00	8.87	5.00	-	20.00	30
towing, arsk prom.		Hour	15.00	26.00	15.00	-	45.00	5
isk only:		Acre	6.00	5.91	3.00	· · · ·	15.00	116
brsk only.		Hour	15.001	17.33	12.00	-	25.00	3
arrow only		Acre	3.00	3.58	2.00	-	5.00	17
Disk with harrow attached:		Acre	6.00 ²	6.88	1.30	-	20.00	51
		Hour	30.00	40.00	30.00	-	50.00	2
lotary hoe		Acre	4.00	3.82	1.00	-	6.95	36
Cultivate rows		Acre	5.00	4.59	1.50	-	8.50	62
Cultipack		Acre	6.00	5.34	2.00	-	8.00	25
Cut stalks		Acre	5.003	5.07	1.20	-	7.50	21
LANTING (Materials No	ot Included):							
Corn, Planting only:		Acre	6.00	6.24	3.00	-	12.00	88
, , , , , , , , , , , , , , , , , , , ,		Hour	15.00	15.00	15.00	-	15.00	1
Planting + fert	tilizing	Acre	8.00	8.22	3.00	-	15.00	34
Planting + fert	tilizer + weed or							
insect chemica		Acre	8.00	8.95	3.00	-	15.00	37
No-till planting		Acre	10.00	9.38	5.00	-	15.00	50
Soybeans: Plant only		Acre	5.00	6.82	3.00	-	16.50	103
Small grain: Drill only		Acre	5.00	6.54	3.00	-	21.00	84
	fertilize	Acre	10.00	8.13	1.25	-	15.00	17
	fertilize + other seed	Acre	9.004	8.02	1.50	-	20.00	23
	ported an equal number o	f times.	4\$1	10.00 reporte	d an equal	numb	er of tim	les.
² \$ 5.00 reported an ed	qual number of times.		5\$3	3.50 reported	an equal	numbe	r of time	s.

3\$ 6.00 reported an equal number of times.

6\$1.00 reported an equal number of times.

CUSTOM JOB PERFORM	ED	Basis of	Most Common	Average	Range in Rates			Number
FERTILIZER & CHEMICAL APPLICATION (Materials no		Charge	Rate	Rate	Low		High	Reporting
RATES REPORTED BY	CAL APPLICATION (Materials no	t included):				in the	
Fert. Application:		1						
rent. Apprication:	anhydrous ammonia	Acre	\$5.00	\$5.49	\$3.00		\$8.50	25
	spreading fertilizer: Dry	Acre	3.005	2.79	1.50	-	\$8.50	50
	Liquid	Acre	3.00	3.30	2.50	-	4.00	10
	combination liquid fert.	ACTE	5.00	5.50	2.50	-	4.00	10
	+ chemicals	Acre	3.50	3.79	2.75	-	6.00	12
	combined dry fertilizer	ACTE	5.50	5.75	2.75	-	0.00	12
	application + seeding	Acre	3.00	3.80	2.00	-	8.00	27
Spraying Crops:	applying chem. with truck	Acre	3.50	3.43	2.75	-	4.00	17
	tractor-mounted or		0.00	0.10	2.70		1.00	17
()	pulled sprayer	Acre	3.50	3.41	1.00	-	7.50	62
	Highboy sprayer	Acre	3.00	3.81	2.50	-	7.00	9
	Flotation sprayer	Acre	3.50	3.63	3.50	-	4.00	4
RATES REPORTED BY	AGRI-BUSINESS FIRMS:							
Complete Custom Ap	plication Service:							-
	anhydrous ammonia:	Acre	6.00	5.65	3.00	-	8.50	33
		Ton	20.00	22.50	20.00	-	25.00	2
	dry fertilizer	Acre	3.00	2.76	.50	-	3.68	221
	liquid fertilizer	Acre	3.00	3.17	2.00	-	4.00	170
	comb. liq. fert. + chems.	Acre	3.50	3.31	2.15	-	5.00	170
	comb. dry fert. appl. +	West Correction		1				
	seeding	Acre	4.50	3.62	.50	-	7.00	177
Partial Application	n Services: (equipment renta							
	anhydrous ammonia:	Acre	.506	2.41	.30	-	10.00	22
	1	Ton	10.00	10.58	5.00		40.00	66
	dry fertilizer:	Acre	.50	1.04	.20		4.00	83
		Ton	4.00	4.13	1.00	-	8.00	80
	liquid fertilizer:	Acre	3.00/	1.98	.40		3.50	26
		Ton	5.00	4.55	2.50	-	8.00	10
	comb. liq. fert. + chems.:	Acre	3.00	2.06	.40	-	3.75	25
Consultant Change	annlying change with tweek	Ton	4.00	4.75	3.00	-	8.00	4
Spraying Crops:	applying chems. with truck tractor mounted or	Acre	3.50	3.45	2.00	-	6.00	156
		A	2 50	0.70	50		4 00	07
	pulled sprayer Highboy sprayer	Acre	3.50	2.76	.50	-	4.00	27
	Flotation sprayer	Acre	5.00 ⁸ 3.50	4.07 3.42	3.00	-	5.00	23
DATES DEDODTED BY	AERIAL APPLICATORS:	Acre	3.50	3.42	2.50	-	5.00	120
Spraying crops	ALKIAL AFFLICATORS.	Acre	4.00	3.92	2.50		5.50	20
Spraying brush		Acre	5.009	6.50	3.00	-	12.00	32 5
Spraying brush + co	ost of chemicals	Acre	22.50	25.25	22.50	-	28.00	2
Crop dusting		Acre	4.50	4.12	3.50		4.50	5
Fertilizer spreadi	ng	Acre	6.00	5.08	3.00	-	6.50	11
Seeding	ing	Acre	3.00	4.46	2.00		7.50	11
Defoliation of cot	ton	Acre	3.00	3.46	2.50	-	4.50	12
			5.00	5.40	2.50		4.50	
HARVESTING GRAIN A	ND SEED:							
Combining small gr		Acre	20.00	19.73	12.00	-	25.00	105
		Bushe1	.45	.45	.45	-	.45	100
Combining grass &	other seed crops	Acre	20.0010	22.50	15.00	-	50.00	26
Combining sovbeans	: WITHOUT flex. cutter bar:	Acre	20.00	19.59	15.00	-	25.00	32
,		Bushel	.60	.60	.60	-	.60	1
	WITH flexible cutter bar:	Acre	20.00	21.99	14.00	-	30.00	87
		Bushel	.5511	.64	.55	-	.75	5
Combining grain	Straight charge:	Acre	20.00	20.46	12.00	-	30.00	71
sorghum:		Bushe1	.25	.25	.25	-	.25	1
	Combination charge:	Acre	15.0012	15.00	10.00	-	20.00	-
	3	+	+	+		+		3
		Bushe1	.0613	.07	.05	-	.10	•
	Minimum charge:	Bushe1	.1814	.21	.18	-	.25	2
		Acre	20.0015	20.63	15.00	-	25.00	4
Combining corn:	Straight charge:	Acre	20.00	21.96	12.00	-	30.00	93
		Bushe1	.20	.20	.20	-	.20	2
	Combination charge:	Acre	20.00	18.00	12.00	-	20.00	E
		+	+	+		+	0	9
		Bushel	.05	.06	.03	_	.10	5
	Minimum charge:	Acre	20.0016	18.67	12.00		22.50	6

\$1.00 & 3.50 reported an equal number of times. 8\$3.00 reported an equal number of times. 9\$3, 4.50, 8 & 12 reported an equal # of times. $10\frac{1}{2}$ of seed is most common rate. 11.75 reported an equal number of times.

¹²\$10.00 & \$20.00 reported an equal number of times.
¹³\$.05 and .10 reported an equal number of times.
¹⁴\$.25 reported an equal number of times.
¹⁵\$15, 22.50 & 25 reported an equal number of times.
¹⁶\$22.50 reported an equal number of times.

CUSTOM JOB PERFORMED	Basis of	Most Common	Average	Range	e in Rates	Number
JUSTOM JUB PERFORMED	Charge	Rate	Rate	Low	High	Reportin
ARVESTING GRAIN, SEED, AND COTTON:(Continued)						
icking corn (with picker)	Acre	\$20.00	\$18.33	\$15.00	- \$20.00) 3
Corn, pick, haul & crib:	Bushe1	.20	.20	.20	20	
	Acre	25.00	30.00	25.00	- 35.00	
Grain hauling	Bushel	.1017	.12	.01	30	
rain hauling (field to farm)	Bushel	.10	.(19	.03	20	53
ARVESTING HAY:						
lowing hay:	Acre	5.00	5.34	3.00	- 10.00	
lay conditioning, crushing or crimping:	Small bale Acre	.10 7.00 ¹⁸	.15	.10	25	
ay conditioning, crushing of chiliping.	Small bale	.20	.19	.10	25	
lowing & conditioning:	Acre	7.0019	7.58	3.00	- 15.00) 84
	Small bale	.25	.23	.15	30	
low, condition, windrow: Self-propelled	Acre	8.00	7.42	6.00	- 8.00	
Jaliana have	Small bale	.30 3.00	.32	.30	35	
Raking hay:	Acre Small bale	.10	.10	.02	15	
	Ton	2.25	2.25	2.25	- 2.2	
Baling hay: wire tie	Bale	.35	.34	.20	50	
(Square bale) twine tie	Bale	.30	.32	.15	80) 12
twine tie with bale thrower	Bale	.30	.52	.30	7	
small round-AC-bales	Bale	.30	.28	.20	30	
lauling and storing bales	Bale	.30	.28	.20	50	
Complete hay harvest(mow, rake,	<u>Small bale</u> Ton	.90	.85 40.00	.50	- 1.1	
bale, haul & store) LARGE PACKAGE MACHINES:	1011	40.00	40.00	40.00	- 40.00) 1
Baling Hay: under 1,000 lbs.	Bale	5.00	5.85	3.00	- 11.00) 43
(Round Bales) over 1,000 lbs.	Bale	6.00	6.32	4.00	- 18.00	
loving large bales	Bale	1.00	1.85	.50	- 8.00	
laystacking machine: under 2 tons	Stack	8.00	9.00	8.00	- 10.00	
over 4 tons	Stack	40.00	40.00	40.00	- 40.00	
Moving stacks	Stack	5.00	5.00	5.00	- 5.00) 1
ARVESTING SILAGE:						
Corn silage: field chop only	Acre	25.00	30.00	25.00	- 40.00	
	Ton	4.00	3.63	3.00	- 4.00	
Couchum cileros field chan only	Hour	50.00 32.00 ²⁰	41.43 30.67	20.00	- 60.00	
Sorghum silage: field chop only	Acre Ton	4.0021	4.33	3.00	- 6.00	
	Hour	50.00	50.00	50.00	- 50.00	
Small grain or grass: field chop only	Acre	27.00	28.50	27.00	- 30.00	
	Hour	50.00	55.00	50.00	- 60.00) 2
Corn or sorghum silage Tower silo	Acre	55.00 ²²	53.33	45.00	- 60.0	
(chop, haul & fill): Horizontal silo	Acre	60.00	54.00	25.00	- 75.0	
	Ton	6.00 ²³	6.06	3.75	- 10.00	
Small grain & grass silage Horizontal silo	Hour Acre	55.00 45.00	60.00 45.00	55.00 45.00	- 65.0	-
(chop, haul, & fill):	Hour	65.00	65.00	65.00	- 65.0	
	Ton	10.00	10.00	10.00	- 10.00	
PROCESSING GRAINS, FEED AND SEEDS:						
	Duch - 1	¢ 15	¢ 1E	¢ 15	e 1	1
Corn shell from crib only	Bushel Bushel	\$.15 .10	\$.15 .16	\$.15 .10	- \$.1	
Corn shell from crib & deliver Grind and mix grains: at farm (1-2 tons)	Ton	10.00	10.51	6.00	- 30.0	
at farm (over 2 tons)	Ton	10.00	9.10	5.00	- 25.0	12
at elev. (1-2 tons)	Ton	7.00	7.83	4.00	- 16.0) 12
at elev. (over 2 tons)	Ton	7.00	7.58	4.00	- 16.0) 12
Grind hay at farm:	Ton	7.50	9.75	7.50	- 12.0	
	Hour	12.5024	14.17	10.00	- 20.0	
	Small bale	.50 ²⁵ 6.00 ²⁶	.54	.40	8	
Reclean grass seed	Cwt.		5.79 5.25	.40	- 10.5	
Reclean clover seed Reclean soybeans or small grain	Cwt. Bushel	5.00	.57	.40	- 12.0	
GRAIN DRYING:	DUSILET	.00	.57	.15	- 1.1	
Charge for each 1% moisture removed	1% moist.	.03	.04	.01	1	5 89
Shrinkage rate used in computing number of dry bushels of corn	% Gr. Wt.	1.5	1.4	1.0	- 2.5	80
number of dry bushels of corn ¹⁷ Distance limits varied. ¹⁸ \$6.00 reported an equal number of times.	<u> % Gr. Wt. </u>	22 \$45 &	60 reported 4.50 & 10 r	an equal nur	mber of time	

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¹⁸\$6.00 reported an equal number of times.
¹⁹\$6.00 reported an equal number of times.
²⁰\$25 & 35 reported an equal number of times.
²¹\$3 & \$6 reported an equal number of times.

23\$3.75, 4.50 & 10 reported an equal number of times.
24\$10 & \$20 reported an equal number of times.
25\$.40, \$.45 & \$.80 reported an equal number of times.
26\$5 reported an equal number of times.

AUCTON 100 DEDEADNED	Basis	Most		Range in Rates			
CUSTOM JOB PERFORMED	of Charge	Common Rate	Average Rate	Low		High	Number Reporting
MISCELLANEOUS FARM JOBS:	churge	Nace	Nace	LOW		nign	Reporting
Fence building & repairing	Hour	\$5.00	\$5.99	\$3.75	-	\$20.00	41
Fence building: 4-barb wires, set posts	Hour	5.00	7.04	4.00	-	20.00	24
	Rod	7.5027	7.22	2.75	-	16.00	5
woven, 2-barb wire, set posts	Hour	6.0028	7.50	4.00	-	20.00	12
	Rod	9.0029	9.01	3.00	-	21.00	5
Post hole digging:	Hole	.5030	.72	.25	-	2.00	13
ost driving:	Hour Post	.20	.41	4.00	-	22.50	13
ost arrying.	Hour	15.0031	15.83	10.00		22.50	3
Saw lumber from logs	100 Bd.Ft.	12.00	12.25	10.00	-	15.00	4
aw firewood: 2 ft. lengths with chainsaw	Hour	10.0032	10.86	4.00	-	25.00	16
	Cord	35.00	40.00	35.00	-	45.00	2
utting brush with brush hog:	Acre	10.00	10.50	6.00	-	20.00	12
	Hour	25.00	20.80	12.00	-	30.00	29
lowing weeds:	Acre	5.00 20.00 ³³	5.90 18.02	4.00	-	15.00	20 23
.oading manure: Dry	Hour Hour	20.00	18.02	6.00	-	50.00	13
.oading & spreading liquid manure-knifed in	Hour	30.00	30.00	30.00		30.00	13
oading & spreading manure: Dry	Hour	20.00	19.25	7.00	-	25.00	8
.oad & spread liquid manure-broadcast	Hour	25.00	27.50	25.00	-	30.00	2
Pumping lagoons with traveling gun	Hour	60.00	46.67	20.00	-	60.00	3
ATER MANAGEMENT AND EARTH MOVING:							
Building terraces: conventional:	Cu.Yd.	.75	.84	.60	-	1.25	6
	Ln.Ft.	.60	.57	.24	-	1.75	45
	Hour	55.00	57.50	55.00	-	60.00	2
parallel cut & fill:	Cu.Yd.	.75	.92	.75	-	1.20	4
	Ln.Ft. Hour	.6034	.74 57.50	.35	-	1.75	51
parallel with storage:	Cu.Yd.	55.00 .75 ³⁵	1.00	55.00	-	60.00	2
paratter with storage.	Ln.Ft.	1.00	.85	.35	-	2.25	50
	Hour	55.00	57.50	55.00	-	60.00	2
diversion:	Cu.Yd.	.7036	.80	.40	-	1.25	25
	Ln.Ft.	1.00	.81	.40		1.10	22
	Hour	55.00	57.50	55.00	-	60.00	2
Building ponds and lakes:	Cu.Yd.	1.00	.99	.60	-	3.50	70
24-b	Hour	60.0037	62.07	45.00	-	85.00	/
Ditch construction:	Hour Cu.Yd.	55.00 .80	61.67 .87	45.00	-	80.00	<u>6</u> 32
and leveling:	Hour	55.00	59.06	45.00		75.00	8
and reverning.	Acre	300.00	300.00	300.00		300.00	1
	Cu.Yd.	1.00	1.16	.70	-	3.50	15
and clearing:	Hour	60.0038	65.03	45.00	-	200.00	43
	Acre	400.0039	473.62	150.00	-	2000.00	29
EQUIPMENT CHARGES:		and the second					
Small bulldozer (under 100 h.p.)	Hour	50.00	46.57	30.00	-	60.00	20
ledium bulldozer (100-150 h.p.)	Hour	60.00	57.19	45.00	-	80.00	71
arge bulldozer (over 150 h.p.) rack-type loader: under 100 h.p.	Hour Hour	60.00 50.00	68.74 49.31	50.00		110.00 65.00	35 24
over 100 h.p.	Hour	55.00	60.98	40.00		85.00	22
lotor grader: under 100 h.p.	Hour	45.00	45.50	35.00	-	55.00	19
over 100 h.p.	Hour	50.00	49.63	30.00	-	70.00	34
ragline (1/2 to 3/4 cubic yards)	Hour	40.00	46.25	40.00	-	60.00	4
mall scoop (10 yds. or less):	Hour	60.00	56.45	25.00	-	90.00	29
	Cu.Yd.	.85	1.17	.85	-	1.50	2
arge scoop (over 10 yards):	Hour	60.00	66.41	50.00	-	125.00	37
iling (twonching lowing bookfilling)	Cu.Yd.	.65	.72	.65	-	.80	2
iling (trenching, laying, backfilling)-	Hour foot	45.00	47.50	30.00		70.00	24
Tile not furnished: renching:	Hour	35.00	38.13	30.00	-	45.00	8
. c. c. ing i	Foot	.3540	.39	.11		.69	11

²⁷\$2.75, \$3.50, \$6.35 & \$16 reported an equal number of times.

²⁸\$5 reported an equal number of times.

²⁹\$3, \$4.50, \$7.54 & \$21 reported an equal number of times.

³⁰\$.25 reported an equal number of times.

³¹\$10 & \$22.50 reported an equal number of times. ³²\$7 and \$8 reported an equal number of times.

³³\$15 reported an equal number of times.

34\$.50 reported an equal number of times.

³⁵\$1.25 reported an equal number of times.
³⁶\$1 reported an equal number of times.
³⁷\$45, 52, 55, 57.50, 80 & 85 reported an equal number of times.

³⁸\$55 reported an equal number of times.
³⁹\$300 reported an equal number of times.

40\$.50 reported an equal number of times.

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