GUIDE

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1980 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 December 1980. Questionnaires were sent to farmers, agri-business firms, aerial applicators, and land improvement 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 an hourly basis.

Hourly rates are often difficult to interpret because they depend on the size of equipment used. Whenever acres per hour were reported along with the hourly charges, these rates were converted to dollars per

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.

RATES MAY NOT COVER COSTS. The rates in this guide are the "going rates" charged in 1980. 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"

CUSTOM JOB PERFORMED		Basis	Most		Range in Rates	
		of	Common	Average		Number
		Charge	Rate	Rate	Low High	Reporting
ILLAGE:						
Plowing, moldboard	Normal soil	Acre	\$ 8.00	\$ 9.05	\$ 5.00 - \$15.00	113
	Heavy soil	Acre	10.00	10.69	6.00 - 16.50	71
Plowing, chisel plow:	Normal soil	Acre	6.00	7.42	3.00 - 13.00	73
	Heavy soil	Acre	10.00	9.13	4.50 - 20.00	45
Plowing, disk plow		Acre	8.00	7.54	3.00 - 15.00	39
Disk only		Acre	5.00	5.19	2.50 - 15.00	110
Harrow only		Acre	2.00	3.23	1.00 - 6.50	28
Disk with harrow attach	ed	Acre	6.00	5.79	3.00 - 12.50	54
Rotary hoe		Acre	3.00	3.22	1.00 - 6.00	39
Cultivate rows		Acre	4.00	4.28	1.50 - 8.00	66
Cultipack		Acre	5.00	4.94	2.00 - 8.00	25
Cut stalks		Acrel	4.00	5.33	3.00 - 15.00	20

 $^{^{1}}$ \$5.00 reported an equal number of times.

CUSTOM JOB PERFORMED		Basis of	Most Common	Average Rate	Range in	n Rates	Number
		Charge	Rate		Low	High	Reporting
PLANTING (MATERIA	LS NOT INCLUDED):						
Corn: Planting on	ly (4.7)	Acre	\$ 5.00	\$ 5.33	\$ 2.00 -	\$10.00	70
Planting +	fertilizing	Acre	6.00	6.50	3.50 -	12.50	35
	fertilizing + weed or		700 0000		The second of the second		h ., *
insect cher No-till plan		Acre	6.00	7.84	3.50 -	15.00	40
Soybeans: Plant or		Acre	10.00	8.11 5.95	4.00 - 2.00 -	15.00	27 80
	l only	Acre	5.00	5.07	3.00 -	10.50	69
	l + fertilize	Acre	6.00	7.00	3.50 -	14.00	17
Drill	l + fertilize + other seed	Acre	5.00	7.82	4.00 -	15.00	15
ERTILIZER & CHEMI MATERIALS NOT INC • RATES REPORTED	LUDED):						
			20				
Fert. Application: (Include labor &	anhydrous ammonia	Acre	5.00	5.40	2.00 -	10.00	46
equipment)	spreading dry fert. applying liquid fert.	Acre	2.50 3.50	2.48 3.72	1.00 - 2.50 -	7.50 6.00	66 9
1 1	combination liquid fert.	11016	3.30	3.14	2.30 -	0.00	9
	+ chemicals	Acre	3.00	3.20	2.75 -	3.75	5
	combined dry fertilizer		0.50	6			
Spraying Crops:	application + seeding applying chemicals with	Acre	3.50	3.57	2.00 -	8.00	31
-praying drops.	truck	Acre	2.502	3.13	2.00 -	4.50	16
	tractor-mounted or						
	pulled sprayer	Acre	3.00	3.21	1.50 -	7.00	62
	highboy sprayer flotation sprayer	Acre	3.00 ³	4.47 3.15	3.00 -	8.00 3.50	5
• RATES REPORTED	BY AGRI-BUSINESS FIRM	<u>S</u> :					
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• RATES REPORTED Complete Custom App Anhydrous a	lication Service:	_	5.00	5.18	1.50 -	9.00	36
Complete Custom App Anhydrous a Dry fertili	olication Service:	Acre Acre	5.00 3.00	5.18 2.57	1.50 - 1.50 -	9.00	36
Complete Custom App Anhydrous a Dry fertili Liquid fert	olication Service: mmonia .zer .ilizer	Acre Acre Acre	3.00 3.00	2.57 3.01	1.50 - 2.00 -	6.00 4.00	207 136
Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq.	lication Service: mmonia zer ilizer fert. + chemicals	Acre Acre Acre	3.00	2.57	1.50 -	6.00	207
Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq. Partial Application	dication Service: mmonia zer dilizer fert. + chemicals Services (rental of equip.	Acre Acre Acre Acre	3.00 3.00 3.00	2.57 3.01 3.18	1.50 - 2.00 - 2.00 -	6.00 4.00 5.00	207 136 133
Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq.	dication Service: mmonia zer dilizer fert. + chemicals Services (rental of equip.	Acre Acre Acre	3.00 3.00	2.57 3.01	1.50 - 2.00 -	6.00 4.00	207 136 133
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Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq. Partial Application Anhydrous a Dry fertili Liquid fert Comb. liq. Spraying Crops: app tra pu hig flo RATES REPORTED Spraying brush Spraying brush Spraying brush Spraying brush + ch Crop dusting Fertilizer spreadin Seeding Defoliation of cott ARVESTING GRAIN, Combining small gra Combining grass & o	Dication Service: Immonia Izer Ilizer Ifert. + chemicals Iservices (rental of equipalmonia Izer Ilizer Infert. + chemicals Ilizer Ilize	Acre Acre Acre Acre Ton Acre Ton Acre Acre Acre Acre Acre Acre Acre Acre	3.00 3.00 3.00 3.00 3.00 5.00 5.00 3.00 1.00 1.00 3.00 3.50 4.00 3.00 3.00 5.00 20.00 3.00 6.00 2.50 ⁴ 5.00 2.50 3.00 2.50 3.00 6.00 2.50 3.00 6.00 2.50 3.00 6.00 2.50 3.00	2.57 3.01 3.18 1.70 7.95 .84 3.93 1.92 1.71 3.18 3.44 4.35 3.19 3.26 7.08 19.61 3.57 5.14 3.07 4.05 3.04 2.95	1.50 - 2.00 - 2.00 - 2.00 - .20 - 5.0020 - 1.007575 - 2.00 - .50 - 2.50	6.00 4.00 5.00 7.50 20.00 4.00 8.00 3.50 3.25 4.00 7.00 8.00 4.00 15.00 25.00 6.00 4.00 3.75 25.00 1.00 30.00	207 136 133 9 30 55 41 6 6 107 18 15 43 32 9 7 7 7 7 14 16 7 14 16 7 14
Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq. Partial Application Anhydrous a Dry fertili Liquid fert Comb. liq. Spraying Crops: app tra pu hig flo RATES REPORTED Spraying brush Spraying brush Spraying brush Spraying brush + ch Crop dusting Fertilizer spreadin Seeding Defoliation of cott HARVESTING GRAIN, Combining small gra Combining grass & o	plication Service: Immonia Izer Islizer Islize	Acre Acre Acre Acre Ton Acre Ton Acre Acre Acre Acre Acre Acre Acre Acre	3.00 3.00 3.00 3.00 3.00 5.00 5.00 3.00 1.00 3.00 3.00 3.50 4.00 3.00 3.00 5.00 20.00 3.00 6.00 2.50 ⁴ 5.00 2.50 3.00 2.50 3.00 20.00 3.55 20.00 ⁶ 20.00	2.57 3.01 3.18 1.70 7.95 .84 3.93 1.92 1.71 3.18 3.44 4.35 3.19 3.26 7.08 19.61 3.57 5.14 3.07 4.05 3.04 2.95	1.50 - 2.00 - 2.00 - 2.00 - .20 - 5.0020 - 1.007575 - 2.00 - .50 - 2.50	6.00 4.00 5.00 7.50 20.00 4.00 8.00 3.50 3.25 4.00 7.00 8.00 4.00 4.00 15.00 25.00 6.00 4.00 3.75	207 136 133 9 30 55 41 6 6 107 18 15 43 32 9 7 7 7 7 14 16 7 14 16 7 14 230 8 53 84
Complete Custom App Anhydrous a Dry fertili Liquid fert Comb. Liq. Partial Application Anhydrous a Dry fertili Liquid fert Comb. liq. Spraying Crops: app tra pu hig flo RATES REPORTED Spraying brush Spraying brush Spraying brush Spraying brush + ch Crop dusting Fertilizer spreadin Seeding Defoliation of cott HARVESTING GRAIN, Combining small gra Combining grass & o	Dication Service: Immonia Izer Ilizer Ifert. + chemicals Iservices (rental of equipalmonia Izer Ilizer Infert. + chemicals Ilizer Ilize	Acre Acre Acre Acre Ton Acre Ton Acre Acre Acre Acre Acre Acre Acre Acre	3.00 3.00 3.00 3.00 3.00 5.00 5.00 3.00 1.00 1.00 3.00 3.50 4.00 3.00 3.00 5.00 20.00 3.00 6.00 2.50 ⁴ 5.00 2.50 3.00 2.50 3.00 6.00 2.50 3.00 6.00 2.50 3.00 6.00 2.50 3.00	2.57 3.01 3.18 1.70 7.95 .84 3.93 1.92 1.71 3.18 3.44 4.35 3.19 3.26 7.08 19.61 3.57 5.14 3.07 4.05 3.04 2.95	1.50 - 2.00 - 2.00 - 2.00 - .20 - 5.0020 - 1.007575 - 2.00 - .50 - 2.50	6.00 4.00 5.00 7.50 20.00 4.00 8.00 3.50 3.25 4.00 7.00 8.00 4.00 15.00 25.00 6.00 4.00 3.75 25.00 1.00 30.00	207 136 133 9 30 55 41 6 6 107 18 15 43 32 9 7 7 7 7 14 16 7 14 16 7 14

3\$3.50 reported an equal number of times. 4\$3.50 & \$5.00 reported an equal number of times. 5\$3.00 reported an equal number of times. 6\$0.35 & \$.50 reported an equal number of times. 6Combine for one-half of crop is also a common charge.

CUSTOM JOBS PERFORMED	Basis of	Most Common	Aronoss	Range in Rates		Number
COSTON JOBS PERFORMED	Charge	Rate	Average Rate	Low	High	Number Reporting
HARVESTING GRAIN, SEED & COTTON (con't.)						
Combining grain sorghum: straight charge	Acre	20.00	17.92	7.00 -	26.00	117
Combining corn: straight charge	Acre	20.00	19.47	8.00 -		172
	Bu.	.25	.24	.14 -		11
combination charge	[Bu. +]	r ·05 ₁	r .08 ₁	г .02 -		21
7	'Acre	18.00	16.12		20.00	
Picking corn (with picker)	Acre	\$20.00	\$17.24	\$10.00 -		17
Corn: pick, haul, and crib Picking cotton (by machine)	Acre Cwt.	4.00	22.50 3.65	18.00 - 3.00 -		<u>4</u> 5
Grain hauling (field to farm)	Bu.	.10	.10	.01 -		130
HARVESTING HAY:						
Mowing Hay	Acre	5.00	4.48	1.50 -		43
War and the desired and the second second	Bale	.10	.13	.05 -		13
Hay conditioning (crushing or crimping)	Acre Bale	7.00 .25	5.53 .20	1.00 -		16 7
Mowing and conditioning	Acre	6.00	6.77	3.50 -		62
	Bale	.15	.19	.10 -		20
Mow, condition, windrow (self-propelled)	Acre	5.00	6.94	4.00 -		18
Raking hay	Acre	2.00	2.84	1.00 -		44
	Bale	.10	.10	.02 -	.25	45
Baling hay: Square bale, wire tie	Ba1e	. 30	. 32	.17 -		25
Square bale, twine tie	Bale	.25	. 30	.15 -		113
Small round, AC, bales	Bale	.20	.31	.20 -		18
Hauling and storing bales Complete hay harvest (mow, rake, bale,	Bale	. 30	. 30	.15 -	1.00	51
haul and store)	Bale	.75	.78	.15 -	1.00	41
LARGE PACKAGE MACHINES:	Date	•13	.70	•15 -	1.00	41
Large round bales: under 2000 1b.	Bale	6.00	5.74	2.50 -	16.00	141
over 2000 1b.	Bale	5.00	6.36	4.50 -		16
Moving large bales	Bale	2.008	2.44	.50 -		40
Haystacking machine: under 2 tons	Stack	8.00	8.50	7.50 -	10.00	. 5
two to four tons	Stack	20.00	24.30	20.00 -		5
Moving stacks	Stack	5.009	5.67	2.00 -	10.00	3
HARVESTING SILAGE:						
Corn silage: field chop only	Acre	35.00	27.06	12.00 -	50.00	16
TILL OTTAGE. ITOTA CHOP ONLY	Ton	3.00	3.15	1.00 -		12
Sorghum silage: field chop only	Acre	14.00	22.17	14.00 -		3
	Ton	3.00	3.58	2.00 -		9
Small grain or grass: field chop only	Ton	None	3.30	2.25 -	4.00	5
Corn or sorghum silage (chop, haul & fill):				6. 50	F = 0	,
tower silo	Ton	None	4.39	3.50 -		5 7
horizontal silo	Acre	5.00	55.07	40.00 - 2.50 -		9
Small grain & grass silage (chop, haul,	Ton	J.00	5.03	2.30 -	8.00	7
& fill): tower silo	Ton	None	5.08	4.25 -	6.00	3
horizontal silo	Ton	None	5.17	4.50 -		3
DDOCESSING CDAINS EFFD AND SEFDS						
PROCESSING GRAINS, FEED, AND SEEDS:						
(RATES REPORTED BY AGRI-BUSINESS FIRMS)	:					
Grind and mix grains: at farm (1-2 tons)	Ton	2.50	7.67	2.50 -	15.00	6
at farm (over 2 tons)	Ton	5.00	8.50	5.00 -		5
at elevator (1-2 tons)	Ton	6.00	6.36	3.00 -		101
at elevator (over 2 T.)	Cwt.	.25	. 36	.25 -		4
D 1	Ton	8.00	7.16	3.00 -		96
Reclean grass seed	Cwt.	4.00	4.60	.60 -		33
Reclean clover seed	Cwt.	5.00	3.94	.60 -		38 64
Reclean soybeans or small grain	Bu.	.50	. 49	.03 -	1.00	04
GRAIN DRYING:	19/		0.1	0.1	10	
Charge for each 1% moisture removed	1% moist.	.03	.04	.01 -	.12	57
Shrinkage rate used in computing number of dry bushels of corn	% Gr. Wt.	1.50	1.41	.94 -	2.67	64
number of dry businers of com	/0 G1. WL.	1.50	1.41	• 54	2.07	

 $^{^{7}}_{8}$ \$18.00 , \$22.00 , & \$26.00 reported an equal number of times. 9 \$1.00 reported an equal number of times. 9 \$2.00 & 10.00 reported an equal number of times.

MISCELLANEOUS FARM JOBS: Hour S 4.00 S 5.85 S 3.20 \$\frac{1}{2}\text{Long}\text{Charge} Rate Rate						
NISCELLANEOUS FARM JOBS:		Basis	Most		Range in Rat	
Fence building & repairing	CUSTOM JOB PERFORMED		Common	Average		
Fence building & repairing		Charge	Rate	Rate	Low Hi	gh Reporting
Fence building & repairing						
Note	MISCELLANEOUS FARM JOBS:					
Fence building: 4-barb wires, set posts Hour 4,00 5,18 3,50 - 9,35 10	Fence building & repairing	Hour	\$ 4.00	\$ 5.85	\$ 3.20 - \$16.	00 25
Woven, 2-barb wires, set posts Hour	Fence building: 4-barb wires, set posts	Hour		5.18		
Post hole digging		Rod	4.50 10	5.45		
Post hole digging	Woven, 2-barb wires, set posts	Hour	4.00			
Hole .50 .98 .12 .5.00 18		Rod				
Post driving	Post hole digging	Hour	25.00			
Saw lumber from logs 100 Bd, Ft. 10.00 8.79 5.00 - 12.00 7		Ho1e				
Saw firewood: 2 ft. lengths with chainsaw Hour 8.00 8.40 3.00 - 15.00 15 Cutting brush with brush hog Hour 20.00 18.96 7.50 - 40.00 26	Post driving					
Cutting brush with brush hog Hour 20.00 18.96 7.50 - 40.00 26	Saw lumber from logs					
Mowing weeds	Saw firewood: 2 ft. lengths with chainsaw					
Hour 20.00 19.50 7.00 - 50.00 18	Cutting brush with brush hog					
Loading manure: Dry Hour 5.00 1 16.25 3.50 - 40.00 6	Mowing weeds					
Loading & spreading manure: Dry Hour None 20.25 3.50 40.00 6						
None	Loading manure: Dry					
NATER MANAGEMENT AND EARTH MOVING:	Loading & spreading manure: Dry					
### WATER MANAGEMENT AND EARTH MOVING: ESTIMATED JOB COSTS: ### Building terraces: Conventional	Pumping lagoons with traveling gun					
Building terraces: Conventional Lin.Ft. .40 .41 .10 - 1.25 .42	Cleaning septic tanks	Tank	25.00	30.00	25.00 - 40.	3
Cu. Yd. .60 .81 .45 - 1.50 11			10	/ 1	10 1	25 /2
Parallel	Building terraces: Conventional					
Cu. Yd. .70 .88 .60 .1.50 .11	D11-1					
Diversion	Parallel					
Building ponds & lakes Cu. Yd. 60 .69 .34 - 1.50 26 Building ponds & lakes Cu. Yd. 60 .77 .40 - 1.50 75 Ditch construction Cu. Yd. 50 .75 .45 - 1.50 27 Land leveling Cu. Yd. 60 .85 .60 - 1.75 20 Land clearing Acre 200.00 273.00 125.00 - 625.00 32 Hour 50.00 47.17 25.00 - 80.00 51 EQUIPMENT CHARGES: Small bulldozer (under 100 h.p.) Hour 40.00 40.06 25.00 - 52.00 24 Medium bulldozer (under 100 h.p.) Hour 50.00 47.67 30.00 - 60.00 83 Large bulldozer (Over 150 h.p.) Hour 60.00 59.91 42.50 - 80.00 47 Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 <t< td=""><td>D11</td><td></td><td></td><td></td><td></td><td></td></t<>	D11					
Building ponds & lakes Cu. Yd. .60 .77 .40 - 1.50 .75	Diversion					
Ditch construction Cu. Yd. .50 .75 .45 - 1.50 27	Puilding manda (lakea					
Land leveling Cu. Yd. .60 .85 .60 - 1.75 20	Ditch construction					
Acre 200.00 273.00 125.00 - 625.00 32						
Hour 50.00 47.17 25.00 - 80.00 51						
EQUIPMENT CHARGES: Small bulldozer (under 100 h.p.) Hour 40.00 40.06 25.00 - 52.00 24 Medium bulldozer (100-150 h.p.) Hour 50.00 47.67 30.00 - 60.00 83 Large bulldozer (Over 150 h.p.) Hour 60.00 59.91 42.50 - 80.00 47 Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. 45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft40 12 .40 .1090 13	Land Clearing					
Small bulldozer (under 100 h.p.) Hour 40.00 40.06 25.00 - 52.00 24 Medium bulldozer (100-150 h.p.) Hour 50.00 47.67 30.00 - 60.00 83 Large bulldozer (Over 150 h.p.) Hour 60.00 59.91 42.50 - 80.00 47 Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13	EQUIPMENT CHARGES:	110 41	30.00			
Medium bulldozer (100-150 h.p.) Hour 50.00 47.67 30.00 - 60.00 83 Large bulldozer (Over 150 h.p.) Hour 60.00 59.91 42.50 - 80.00 47 Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13	•	Hour	40.00	40.06	25.00 - 52.	00 24
Large bulldozer (Over 150 h.p.) Hour 60.00 59.91 42.50 - 80.00 47 Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13						
Motor grader Hour 40.00 39.29 22.00 - 55.00 47 Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13	Large hulldozer (Over 150 h.p.)			59.91	42.50 - 80.	00 47
Dragline Hour None 47.14 30.00 - 65.00 14 Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13		Hour	40.00	39.29	22.00 - 55.	00 47
Small scoop (10 yds. or less) Hour 50.00 44.29 10.00 - 75.00 38 Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 ¹² .40 .1090 13				47.14	30.00 - 65.	00 14
Large scoop (over 10 yds.) Hour 60.00 59.41 8.00 - 120.00 43 Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 12 .40 .1090 13		Hour	50.00	44.29	10.00 - 75.	00 38
Tiling (trenching, laying, backfilling) Ft. .45 .54 .25 - 1.20 22 Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 12 .40 .1090 13	Large scoop (over 10 yds.)	Hour	60.00	59.41	8.00 - 120.	00 43
Tile NOT furnished Hour None 41.00 30.00 - 55.00 5 Trenching (Ln. ft., per ft. of depth, Ft. .40 12 .40 .1090 13	Tiling (trenching, laying, backfilling)		. 45	.54	.25 - 1.	20 22
Trenching (Ln. ft., per ft. of depth, Ft40 1090 13	Tile NOT furnished	Hour	None	41.00	30.00 - 55.	
	Trenching (Ln. ft., per ft. of depth,	Ft.	.40 12	.40		
		Hour	40.00	38.39	27.50 - 50.	00 9

¹⁰ 11 \$2.00 reported an equal number of times. 12 \$12.00 reported an equal number of times. \$.30 reported an equal number of times.

[■] Issued in furtherance of Cooperative Extension Work Acts of May 8 and June 30, 1914 in cooperation with the United States Department of Agriculture, Leonard C. Douglas, Director, Cooperative Extension Service, University of Missouri and Lincoln University, Columbia, Missouri 65211. ■ An equal opportunity institution.