

1963

EC63-806 Farm Custom Rates ... Paid in Nebraska 1962

Darwin Ransom

Hugo Zimmerman

Follow this and additional works at: <http://digitalcommons.unl.edu/extensionhist>

Ransom, Darwin and Zimmerman, Hugo, "EC63-806 Farm Custom Rates ... Paid in Nebraska 1962" (1963). *Historical Materials from University of Nebraska-Lincoln Extension*. 3613.

<http://digitalcommons.unl.edu/extensionhist/3613>

This Article is brought to you for free and open access by the Extension at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Historical Materials from University of Nebraska-Lincoln Extension by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

AGRI

S
85
E7

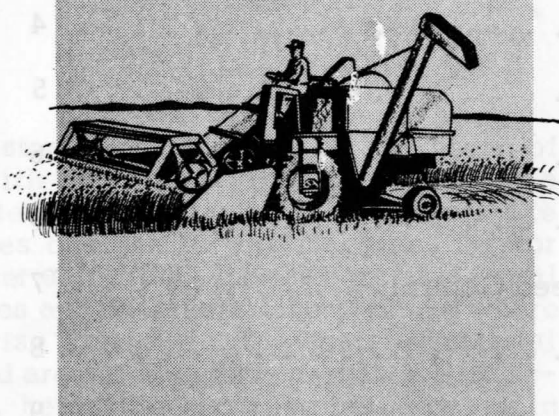
#63-806

F. Economy

E-282

E.C. 63-806

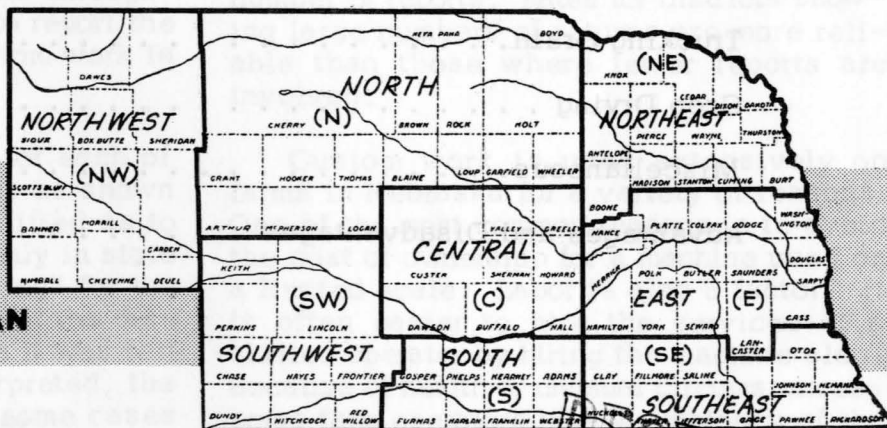
Farm Custom Rates



PAID IN NEBRASKA

1962

BY
DARWIN E. RANSOM
and
HUGO J. ZIMMERMAN



RECEIVED

EXTENSION SERVICE
UNIVERSITY OF NEBRASKA COLLEGE OF AGRICULTURE
AND U. S. DEPARTMENT OF AGRICULTURE
COOPERATING
E. F. FROLIK, DEAN E. W. JANIKE, DIRECTOR

OCT 19 1972
C. Y. THOMPSON
LIBRARY

TABLE OF CONTENTS

Introduction	3
Land Tillage	4
Planting and Seeding.	5
Cultivating.	6
Fertilizing	6
Spraying for Insect, Disease and Weed Control.	7
Combining	8
Harvesting Corn	9
Hay Harvesting and Handling	10
Making Silage	12
Trucking Grain.	13
Crop Drying	13
Miscellaneous.	14
Advantages and Disadvantages	16

FARM CUSTOM RATES PAID IN NEBRASKA 1962

by Darwin E. Ransom* and Hugo J. Zimmerman**

Custom work is defined as "the hiring of men with machines for performance of a specified machine task." The custom rate includes charges for the machine, tractor or power unit, fuel, lubrication, incidental supplies and operator's labor, except where otherwise indicated. The costs of material applied are not included--fertilizer, insecticide, herbicide and seed being cases in point.

Custom rates in this circular were summarized from 1,543 questionnaires received from farmers and custom operators throughout Nebraska. Each was asked to report the rates he charged or paid for custom work in 1962.

The returns were tabulated for each of the state crop reporting districts as shown on the cover. Reports not identified as to district of origin were included only in state totals. The total "number reporting" for the state may be larger than the sum of the district figures. In instances where it was felt the questionnaires were misinterpreted, the reports were not included. In some cases district averages were omitted where too few reports were received to measure the average rate for the district.

* Agricultural Statistician, State-Federal Division of Agricultural Statistics.

** County Extension Agent-at-Large.

The following facts should be weighed carefully when differences exist between the district in question and the remainder of the state:

1. Rates vary between districts, and within districts, for many machines because of soil conditions, size of fields, and local availability of a particular machine.

2. Some of the variation in the averages shown may be the result of an insufficient number of reports. Rates for districts showing large numbers of returns are more reliable than those where fewer reports are involved.

Custom work is used extensively on farms in Nebraska for a variety of reasons. One of the most common reasons is to avoid the cost of ownership for a machine used on a limited scale. Labor is also a factor. It is often easier to hire the services of a skilled operator by hiring the machine also. Because of health or unusual circumstances, some farm operators hire the majority of the machine work on their farms.

Custom work is usually provided by those who own and operate specialized equipment as a business or by farmers who have excess machine capacity and labor on their own farms.

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

ITEM	DISTRICTS								State
	NW	N	NE	C	E	SW	S	SE	
<u>LAND TILLAGE</u>									
PLOWING, MOLDBOARD									
Number Reporting	23	9	60	19	46	11	19	44	236
Rate Per Acre	\$3.35	\$3.85	\$3.65	\$3.10	\$3.20	\$2.95	\$3.00	\$3.50	\$3.40
PLOWING, ONEWAY									
Number Reporting	14	6	6	6	7	13	14	9	76
Rate Per Acre	\$1.75	\$2.35	\$1.85	\$2.15	\$1.95	\$1.60	\$1.95	\$2.40	\$1.95
DISKING, SINGLE									
Number Reporting	7	4	13	10	14	11	13	11	86
Rate Per Acre	\$.90	\$1.30	\$1.25	\$1.05	\$1.10	\$.90	\$1.05	\$1.15	\$1.10
DISKING, TANDEM									
Number Reporting	20		18	15	29	15	15	23	143
Rate Per Acre	\$1.25	---	\$1.45	\$1.35	\$1.55	\$1.20	\$1.60	\$1.60	\$1.45
HARROWING, SPIKE TOOTH									
Number Reporting	11		10	9	15	9	6	12	78
Rate Per Acre	\$.67	---	\$.65	\$.72	\$.79	\$.54	\$.84	\$.79	\$.71
HARROWING, SPRING TOOTH									
Number Reporting	14	1	8	8	8	7	7	10	65
Rate Per Acre	\$1.00	\$1.00	\$1.35	\$1.10	\$1.20	\$.90	\$1.25	\$1.40	\$1.15
DUCKFOOTING (SHALLOW)									
Number Reporting	6			6	4	9	7	2	39
Rate Per Acre	\$1.15	---	---	\$1.50	\$1.30	\$1.20	\$1.60	\$1.25	\$1.40
CHISELING, SURFACE									
Number Reporting	5		3	4		12	4	3	34
Rate Per Acre	\$1.00	---	\$2.50	\$1.60	---	\$1.30	\$2.20	\$2.65	\$1.65
CHISELING, DEEP									
Number Reporting	5		5	3	3	7	6	4	35
Rate Per Acre	\$2.20	---	\$4.20	\$3.50	\$3.65	\$1.95	\$3.65	\$4.60	\$3.20

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
ROD WEEDING									
Number Reporting	16	3	31	3	3	15	8	31	46
Rate Per Acre	\$1.05	\$.90	---	\$1.15	---	\$1.05	\$1.25	---	\$1.10
ROTARY HOEING									
Number Reporting	9		10	4	10	12	8	10	69
Rate Per Acre	\$.81	---	\$.88	\$.78	\$.94	\$.74	\$.92	\$.95	\$.88
STALK CUTTING, POWER DRIVEN									
Number Reporting	3	4	19	12	17	4	4	13	78
Rate Per Acre	\$1.75	\$1.45	\$1.60	\$1.55	\$1.55	\$1.45	\$1.65	\$1.45	\$1.55
STALK CUTTING, OTHER									
Number Reporting	1								18
Rate Per Acre	---	---	---	---	---	---	---	---	\$1.00
<u>PLANTING AND SEEDING</u>									
(Rates do not include seed or fertilizer)									
DRILLING WITH FERTILIZER ATTACHMENT									
Number Reporting	4		7	9	7		5	9	54
Rate Per Acre	\$1.80	---	\$1.50	\$1.50	\$1.85	---	\$1.50	\$1.95	\$1.70
DRILLING WITHOUT FERTILIZER ATTACHMENT									
Number Reporting	17	7	10	15	21	18	9	20	120
Rate Per Acre	\$1.35	\$1.55	\$1.10	\$1.20	\$1.35	\$1.25	\$1.15	\$1.25	\$1.25
PLANTING, LISTER									
Number Reporting	7	6	19	16	23	14	15	17	120
Rate Per Acre	\$1.50	\$1.90	\$1.75	\$1.60	\$1.75	\$1.45	\$1.55	\$1.65	\$1.65
PLANTING, SURFACE									
Number Reporting	5	2	26	7	11	8	6	16	83
Rate Per Acre	\$1.20	\$1.25	\$1.20	\$1.40	\$1.25	\$1.10	\$1.30	\$1.35	\$1.25

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
PLANTING, TILL-PLANTER									
Number Reporting									15
Rate Per Acre	---	---	---	---	---	---	---	---	\$2.00
PLANTING, SOYBEANS									
Number Reporting			8		6		2	3	22
Rate Per Acre	---	---	\$1.40	---	\$1.70	---	\$1.80	\$1.60	\$1.55
PLANTING, SUGAR BEETS									
Number Reporting									7
Rate Per Acre	---	---	---	---	---	---	---	---	\$2.75
PLANTING, POTATOES									
Number Reporting									4
Rate Per Acre	---	---	---	---	---	---	---	---	\$4.50
<u>CULTIVATING</u>									
CULTIVATING WITH FERTILIZER ATTACHMENT									
Number Reporting	1	2	7	6	3	4	4	6	36
Rate Per Acre (does not include material)	\$1.50	\$2.00	\$1.60	\$1.60	\$1.65	\$1.35	\$1.50	\$1.80	\$1.65
CULTIVATING WITHOUT FERTILIZER ATTACHMENT									
Number Reporting	3	3	11	9	16	9		15	75
Rate Per Acre	\$1.15	\$1.60	\$1.20	\$1.40	\$1.45	\$1.10	---	\$1.35	\$1.35
<u>FERTILIZING</u>									
(Rates do not include material)									
FERTILIZING, DRY MATERIAL									
Number Reporting	9	3	21	8	7	8	7	21	86
Rate Per Acre	\$1.10	\$.85	\$.80	\$1.00	\$1.00	\$.85	\$1.20	\$1.10	\$.98

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

ITEM	DISTRICTS								State
	NW	N	NE	C	E	SW	S	SE	
FERTILIZING, LIQUID MATERIAL									
Number Reporting	6	2	35	18	32	9	11	37	155
Rate Per Acre	\$1.25	\$1.00	\$.90	\$.90	\$1.00	\$.95	\$1.15	\$1.05	\$1.00
FERTILIZING, ANHYDROUS AMMONIA									
Number Reporting	7	3	26	26	53	11	22	63	212
Rate Per Acre	\$1.40	\$1.50	\$1.45	\$1.55	\$1.50	\$1.40	\$1.60	\$1.65	\$1.55
<u>SPRAYING FOR INSECT, DISEASE AND WEED CONTROL</u> (Rates do not include material)									
SPRAYING FOR WEED CONTROL									
Number Reporting	9	6	22	12	28	10	13	33	139
Rate Per Acre	\$1.10	\$.95	\$.90	\$1.20	\$.90	\$1.35	\$1.15	\$1.05	\$1.00
SPRAYING FOR INSECT & DISEASE CONTROL									
GROUND APPLICATION									
Number Reporting		4	2	5	8	3	5	6	40
Rate Per Acre	---	\$1.45	\$.90	\$1.25	\$.75	\$1.15	\$1.50	\$1.25	\$1.15
AERIAL APPLICATION									
Number Reporting	5		9	9	7	9	9	16	67
Rate Per Acre	\$1.75	---	\$1.65	\$1.85	\$1.50	\$1.75	\$1.70	\$1.60	\$1.65
SPRAYING FRUIT TREES									
Aerial Application									10
Rate Per Acre	---	---	---	---	---	---	---	---	\$1.65
SPRAYING CATTLE									
Number Reporting	8	13	20	14	17	13	10		106
Rate Per Head	\$.27	\$.20	\$.24	\$.25	\$.28	\$.25	\$.25	---	\$.24
SPRAYING GRAIN BINS									
Number Reporting									10
Rate Per Bu.	---	---	---	---	---	---	---	---	\$.009 (0.9¢)

[illegible]

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
COMBINING SAFFLOWER									
Number Reporting	11	13	30	49	152	23	49	114	11
Rate Per Acre	\$3.50	---	---	---	---	---	---	---	\$3.50
COMBINING GRASS SEED									
Number Reporting									7
Rate Per Acre	---	---	---	---	---	---	---	---	\$6.45
COMBINING DRY EDIBLE BEANS									
Number Reporting	6		13	2	13		4	2	6
Rate Per Bu.	\$.25	---	---	---	---	---	---	---	\$.25
COMBINING CASTORBEANS									
Number Reporting			30	13	38	10	11	38	6
Minimum Charge Per Acre	---	---	---	---	---	---	---	---	\$7.40
Plus Extra Per Lb. Charge Of									3/4 ¢
On Portion Of Yield Above									1000 lbs.
WINDROWING GRAIN CROPS									
Number Reporting	54	10	66		16	27	7	7	192
Rate Per Acre	\$1.70	\$1.20	\$1.25	---	\$1.55	\$1.75	\$1.85	\$1.60	\$1.50
<u>HARVESTING CORN</u>									
EAR CORN PICKING									
Number Reporting	12	18	88	37	95	25	27	57	363
Rate Per Acre	\$5.45	\$4.05	\$4.65	\$4.95	\$5.00	\$4.00	\$4.55	\$4.65	\$4.70
EAR CORN PICKING									
Number Reporting				7	25			24	61
Rate Per Bu.	---	---	---	\$.09	\$.10	---	---	\$.10	\$.10
FIELD PICKING & SHELLING									
Number Reporting			24	21	39	16	7	32	145
Rate Per Acre (flat charge)	---	---	\$6.55	\$6.30	\$6.35	\$5.30	\$5.45	\$6.00	\$6.10
FIELD PICKING & SHELLING									
Number Reporting	3		8	27	41	10	22	62	180
Rate Per Bu. (flat charge)	\$.10	---	\$.10	\$.10	\$.10	\$.10	\$.09	\$.10	\$.10

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
FIELD PICKING & SHELLING									
Number Reporting			22	11	31		8	4	84
Rate Per Acre	---	---	\$4.40	\$4.25	\$4.95	---	\$4.30	\$4.75	\$4.50
Plus Per Bu.			\$.03	\$.03	\$.02		\$.03	\$.02	\$.03
FIELD PICKING AND SHELLING									
Number Reporting			6		8			4	23
Minimum Charge Per Acre	---	---	\$5.35	---	\$6.20	---	---	\$5.00	\$5.30
Plus Extra Per Bu. Charge Of			\$.06		\$.07			\$.07	\$.06
On Portion Of Yield Above			58 bu.		64 bu.			48 bu.	58 bu.
<u>HAY HARVESTING AND HANDLING</u>									
MOWING									
Number Reporting	11	14	36	17	34	14	11	30	171
Rate Per Acre	\$1.30	\$1.35	\$1.25	\$1.30	\$1.30	\$1.40	\$1.40	\$1.30	\$1.30
RAKING									
Number Reporting	9	9	30	13	28	10	11	28	141
Rate Per Acre	\$.83	\$.50	\$.88	\$1.00	\$.88	\$.98	\$.99	\$.95	\$.90
CRUSHING OR CRIMPING									
Number Reporting			17	6	17		4	9	58
Rate Per Acre	---	---	\$1.10	\$1.20	\$1.10	---	\$1.15	\$1.15	\$1.10
MOWING, CRUSHING AND WINDROWING									
Number Reporting									8
Rate Per Acre	---	---	---	---	---	---	---	---	\$2.40
BALING, SQUARE BALES, TWINE									
Number Reporting	41	17	90	46	125	53	46	114	541
Rate Per Bale	\$.13	\$.12	\$.11	\$.11	\$.11	\$.12	\$.12	\$.11	\$.11
BALING, SQUARE BALES, TWINE									
Number Reporting									10
Rate Per Ton	---	---	---	---	---	---	---	---	\$4.20

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
BALING, SQUARE BALES, WIRE									
Number Reporting	35	9	77	41	129	21	43	83	444
Rate Per Bale	\$.16	\$.15	\$.13	\$.13	\$.12	\$.14	\$.14	\$.12	\$.13
BALING, SQUARE BALES, WIRE									
Number Reporting									20
Rate Per Ton	---	---	---	---	---	---	---	---	\$4.35
BALING, ROUND BALES									
Number Reporting	18	28	53	36	27	12	22	59	257
Rate Per Bale	\$.11	\$.10	\$.10	\$.10	\$.10	\$.11	\$.11	\$.10	\$.10
BALE LOADING									
Number Reporting	9		19	20	19	6	7	29	91
Rate Per Bale	\$.05	---	\$.02	\$.02	\$.02	\$.04	\$.03	\$.02	\$.03
BALE LOADING									
Number Reporting									12
Rate Per Ton	---	---	---	---	---	---	---	---	\$1.75
BALE LOADING									
Number Reporting									8
Rate Per Hour	---	---	---	---	---	---	---	---	\$1.45
SWEEPING HAY									
Number Reporting									17
Rate Per Acre	---	---	---	---	---	---	---	---	\$1.50
SWEEPING HAY									
Number Reporting									17
Rate Per Hour	---	---	---	---	---	---	---	---	\$3.30
STACKING HAY									
Number Reporting	3		4	3		3	3	2	19
Rate Per Day	\$25	---	\$22	\$33.50	---	\$28.50	\$25	\$22.50	\$26.50
STACKING HAY									
Number Reporting			15	8	13	7	8		55
Rate Per Hour	---	---	\$3.85	\$4.10	\$4.25	\$3.95	\$3.80	---	\$3.95

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
STACK MOVING									
Number Reporting	6		47	17	28	2	3		117
Rate Per Stack (flat rate)	\$4.40	---	\$6.70	\$6.20	\$7.50	\$7.50	\$9.00		\$6.65
STACK MOVING									
Number Reporting			19	4	4				32
Rate Per Ton (flat rate)	---	---	\$.95	\$1.05	\$1.10	---	---	---	\$1.10
STACK MOVING									
Number Reporting		5	2	16	4				29
Rate Per Hour (flat rate)	---	\$5.10	\$6.50	\$6.35	\$7.50	---	---	---	\$6.45
STACK MOVING									
Number Reporting	5	7	24	12	12	2			64
Rate Per Stack	\$3.60	\$4.95	\$5.85	\$7.15	\$7.10	\$6.00	---	---	\$6.05
Plus Per Mile	\$.80	\$.93	\$.78	\$.98	\$.75	\$1.00	---	---	\$.84
STACK MOVING									
Number Reporting		1	3	3	1				10
Rate Per Ton	---	\$1.00	\$1.00	\$1.00	\$1.00	---	---	---	\$1.00
Plus Per Mile	---	\$1.00	\$1.00	\$.83	\$1.00	---	---	---	\$.83
<u>MAKING SILAGE</u>									
CHOPPING, HAULING & FILLING SILO									
Number Reporting						11		3	25
Rate Per Ton	---	---	---	---	---	\$2.25	---	\$2.75	\$2.55
CHOPPING, HAULING & FILLING SILO									
Number Reporting	6	2	7	3	12	4	6	5	43
Rate Per Acre	\$11.35	\$8.50	\$10.15	\$11.00	\$7.90	\$8.50	\$9.10	\$9.70	\$8.95
CHOPPING, HAULING & FILLING SILO									
Number Reporting		1	2	7	6		10	10	39
Rate Per Hour	---	\$8.00	\$8.50	\$10.85	\$9.50	---	\$11.85	\$9.95	\$10.80
FIELD CHOPPING ONLY									
Number Reporting	11	2	27	11	22	4	6	13	96
Rate Per Acre	\$7.95	\$5.75	\$6.30	\$7.50	\$7.50	\$5.90	\$6.85	\$6.95	\$7.00

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
FIELD CHOPPING ONLY									
Number Reporting			17	13	20	2	22	29	106
Rate Per Hour	---	---	\$7.40	\$7.80	\$8.00	\$6.50	\$7.50	\$8.30	\$7.85
TRUCKING GRAIN									
10 Miles Or Less									
Number Reporting	17	3	62	41	130	24	37	83	405
Rate Per Bu.	\$.04	\$.04	\$.03	\$.03	\$.02	\$.04	\$.03	\$.03	\$.03
Over 10 Miles									
Number Reporting	6	4	18	8	9	16	4	3	68
Rate Per Bu.	\$.06	\$.06	\$.04	\$.05	\$.03	\$.06	\$.04	\$.04	\$.05
TRUCKING GRAIN									
Number Reporting	15		2	2	2	4	4	6	34
Rate Per Bu.	\$.05	---	\$.02	\$.03	\$.02	\$.04	\$.02	\$.02	\$.04
Plus Per Mile	\$.005		\$.002	\$.006	\$.006	\$.004	\$.003	\$.004	\$.005 (1/2¢)
On Any Mileage Over	5		4	8	4	4	5	3	5
CROP DRYING									
DRYING CORN									
Number Reporting	3		22	10	40	11	22	28	140 1/
Rate Per Bu.	\$.09	---	\$.08	\$.07	\$.06	\$.07	\$.05	\$.07	\$.07 1/
DRYING GRAIN SORGHUM									
Number Reporting			11	4	21	6	18	19	82 1/
Rate Per Bu.	---	---	\$.08	\$.08	\$.06	\$.07	\$.05	\$.07	\$.07 1/

1/ Part of the variation in rates from one district to another was due to the differences in amounts of moisture removed. In corn, for example, 10.3 percentage points of moisture were removed in the NW area while only 8.4 points were removed in the S area.

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DRYING CORN According to moisture removed 3-5% 6-8% 9-11% 12% or more

Number Reporting 27 53 35 26
State Average Per Bu. \$.05 \$.06 \$.07 \$.09

DRYING GRAIN SORGHUM According to moisture removed 3-5% 6-8% 9% or more

Number Reporting 22 40 20
State Average Per Bu. \$.05 \$.06 \$.08

DISTRICTS

ITEM NW N NE C E SW S SE State

MISCELLANEOUS

CLEANING SEED

Number Reporting 16 25 5 28 9 11 27 125
Rate Per Bu. \$.10 --- \$.09 \$.08 \$.08 \$.07 \$.09 \$.08 \$.08

TREATING SEED

Number Reporting 11 10 18 9 17 81
Rate Per Bu. \$.06 --- \$.05 --- \$.04 --- \$.07 \$.05 \$.05

SHELLING CORN

Number Reporting 6 14 105 53 149 37 42 93 506
Rate Per Bu. \$.050 \$.034 \$.024 \$.026 \$.020 \$.030 \$.025 \$.024 \$.024(2.4¢)

ELEVATING GRAIN

Number Reporting 3 3 12 7 23 6 4 20 80
Rate Per Bu. \$.012 \$.013 \$.010 \$.009 \$.010 \$.012 \$.009 \$.011 \$.011(1.1¢)

FEED GRINDING AND MIXING

Number Reporting 10 5 37 10 35 16 17 36 167
Rate Per Ton \$3.00 \$3.10 \$3.30 \$3.05 \$3.25 \$3.95 \$2.15 \$3.15 \$3.20

Number Reporting 3 6 7 2 28
Rate Per Hour --- --- \$14.20 \$15.00 \$13.45 \$13.50 --- --- \$14.30

NUMBER REPORTING AND RATE PER UNIT IN DOLLARS

DISTRICTS

ITEM	NW	N	NE	C	E	SW	S	SE	State
FEED GRINDING AND MIXING (cont.)									
Number Reporting			6		6				14
Rate Per Bu.	---	---	\$.06	---	\$.05	---	---	---	\$.06
In Batches Of 50-75 Bu.									
Number Reporting			10	3	8			3	26
Rate Per Batch	---	---	\$4.65	\$5.00	\$5.30	---	---	\$5.15	\$5.00
LOADING MANURE									
Number Reporting	5	6	14	10	23	8	12	30	110
Rate Per Hour	\$3.50	\$4.10	\$3.15	\$3.80	\$3.65	\$3.20	\$3.65	\$3.30	\$3.50
SPREADING MANURE									
Number Reporting		2	7	8	7	5	4	10	48
Rate Per Hour	---	\$3.00	\$2.20	\$2.95	\$2.85	\$2.45	\$3.10	\$2.50	\$2.60
CHAIN SAWING									
Number Reporting		3	18	6	26		6	26	93
Rate Per Hour	---	\$3.00	\$3.30	\$2.90	\$3.60	---	\$3.25	\$3.40	\$3.30
DIGGING POST HOLES									
Number Reporting	6	8	39	18	33	10	15	55	188
Rate Per Hour	\$.12	\$.09	\$.11	\$.09	\$.12	\$.12	\$.10	\$.11	\$.11

RENTAL RATES

The following figures represent the amounts charged for the use of the tractor only. They do not include any allowance for the time of an operator and the fuel would be furnished by the party using the tractor.

Small Size (2-Plow)									
Number Reporting	4	4	5	6	4	4	6	12	49
Rate Per Hour	\$2.50	\$1.25	\$1.80	\$1.25	\$1.45	\$1.40	\$1.90	\$2.25	\$1.80
Medium Size (3-Plow)									
Number Reporting	4	4	7	11	10	4	6	14	64
Rate Per Hour	\$3.40	\$2.50	\$2.30	\$1.80	\$1.60	\$2.10	\$2.80	\$2.75	\$2.35
Large Size (4-5 Plow)									
Number Reporting	5	---	---	9	5	4	8	14	54
Rate Per Hour	\$4.20	---	---	\$2.90	\$2.95	\$3.30	\$3.50	\$3.50	\$3.35

CONSIDER THESE ADVANTAGES AND DISADVANTAGES OF CUSTOM SERVICE

Advantages

1. Costs of ownership are eliminated.
2. Capital required to own equipment can be invested in other enterprises.
3. Some labor is furnished with hired equipment.
4. Less power and associated equipment must be obtained by the farm operator.
5. Farmers may benefit from newer machinery, techniques and skilled operation.
6. Repairs, maintenance and securing materials is the custom operator's responsibility.
7. Farm operator with smaller jobs can gain benefits of large machines.
8. Risk of premature equipment obsolescence is eliminated.

Disadvantages

1. Service may not be available when job is ready.
2. Irresponsible custom operators may do poor work and lose quantity and quality of products.
3. Greater risk of crop loss and/or quality because of time delays.
4. Risk of carrying noxious weeds and diseases from farm to farm.
5. For large jobs total cost may be higher than owning equipment.
6. Custom operators prefer large jobs, may refuse or postpone small jobs.
7. Farmers may not be able to realize return on labor released by hiring custom work done.