

## EQUIPMENT CHARGE COMPARISON TABLE

Directions: You will find listed below a brief list of some of the various operations connected with agriculture projects. This information was obtained from the Pennsylvania Agricultural Statistics Service for the year 1990. A suggestion is that when a student uses the owner/operator's equipment for these jobs, an estimation of cost is needed to make profit margins realistic. Since the equipment charges listed below contain labor costs, it is recommended that a value of \$5.00 per hour be deducted for student operated jobs with owner/operator equipment.

Job	Basis of Charge	Mountain Section	Valley Section
<u>Harvesting</u>			
Corn Picking	Acre	19.50	19.30
Corn Picking & Shelling	Acre	23.30	22.20
Corn Combining	Acre	24.20	22.90
Corn Drying	Bushel	0.26	0.26
Combining Small Grains	Acre	21.20	21.40
Hay Making:			
Mowing	Acre	7.20	7.90
Mowing & Conditioning	Acre	8.50	9.10
Raking	Acre	4.70	4.90
Pick-up Baling (Twine)	Bale	0.30	0.30
Pick-up Baling (Wire)	Bale	0.39	0.38
Cut, Rake, Bale & Store	Bale	0.71	0.76
Large Round Baler (Avg. = 1,070 lbs.)	Bale	6.00	5.50
Stacker Wagon (Avg. 1 Ton)	Stack	18.30	18.50
Silage Making:			
Pull-Type Chopper & Tractor	Hour	30.90	33.80
Self-Propelled Chopper	Hour	47.60	53.60
Blower	Hour	5.00	5.70
1 Man, 2 Wagons, 1 Tractor	Hour	26.10	27.00
2 Men, 2 Wagons, 2 Tractors	Hour	39.10	39.20
<u>Plowing and Cultivating</u>			
Plowing, Moldboard Plow:			
Spring, Stubble <sup>3</sup>	Acre	10.40	11.40
Spring, Sod	Acre	11.50	12.50
Fall, Stubble	Acre	10.70	11.40
Fall, Sod	Acre	12.30	12.30
Plowing, Deep (10" or more)	Acre	13.00	13.70
Plowing, Chisel	Acre	10.80	10.90
Plowing, Disk	Acre	10.40	10.70
Disking, Tandem	Acre	9.00	9.20
Disking, with Harrow or Cultipacker	Acre	9.90	10.40
Harrowing			
Spike Tooth	Acre	7.20	7.10
Spring Tooth	Acre	7.50	7.50
Cultivating	Acre	8.00	8.20

Job	Basis of Charge	Mountain Section	Valley Section
<u>Planting and Drilling</u>			
Planting Corn with Fertilizer:			
Conventional-Till Planting	Acre	10.10	10.60
Reduced-Till Planting	Acre	11.40	11.50
No-Till Planting	Acre	12.50	12.90
Planting Soybeans without Fertilizer:			
Conventional-Till	Acre	9.50	9.90
Reduced-Till	Acre	11.40	11.50
No-Till	Acre	13.00	13.40
Drilling Small Grain:			
Without Fertilizer	Acre	7.90	8.60
With Fertilizer	Acre	8.80	9.20
With Fertilizer and Clover Seed	Acre	10.10	10.10
Seeding Alfalfa, Clover, etc.			
Broadcast Seeding (on grain fields)	Acre	8.50	9.00
	Acre	5.20	5.40
Cleaning Grain Seed:			
With Treatment	Bushel	0.63	0.65
Without Treatment	Bushel	0.46	0.45
<u>Miscellaneous</u>			
Field Spraying (excluding materials)			
Stalk Shredding, P.T.O.	Acre	5.20	5.40
	Acre	7.40	8.00
Spreading Bulk Fertilizer:			
Dry	Acre	5.10	5.00
Liquid	Acre	5.20	5.20
Side Dressing	Acre	6.00	5.90
Grinding Feed:			
Corn, Oats or Barley	Cwt.	0.54	0.52
Corn and Cobs	Cwt.	0.56	0.55
Cobs	Cwt.	0.57	0.54
Additional Charge for Mixing	Cwt.	0.19	0.19
Manure Loading			
Manure Spreading	Hour	17.00	18.20
	Hour	17.20	18.50