

Here are 1980 custom rate charges

HARRISBURG — The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale or bushel rather than per hour to reduce the variation due to machinery size.

Individual rates vary due to differences in working

conditions, services performed, or even the operator's eagerness to do custom work.

Therefore, the average rates shown should not be considered absolute indications of fair charges, according to Ag Statistician Greg Truckor.

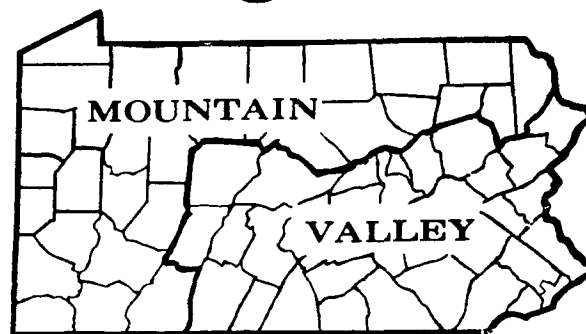
Average rates are shown separately for most items by two regions of the State, labeled "Mountain" and "Valley". The differences in rates between regions reflect differences, in terrain, soils, and alternative opportunities for the labor and equipment used.

Figures labeled "The State" represent the straight average of all reports used regardless of geographic location, Truckor said

Most custom rates are higher this year, up an average of 10 percent from last year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.

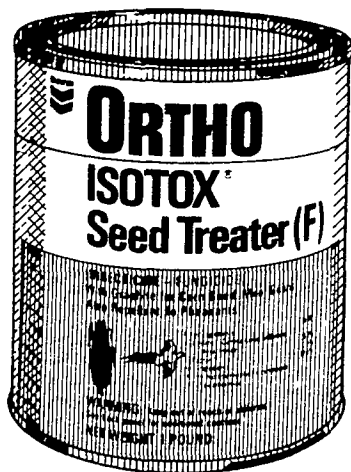
Some operators commented the rates may increase if the price of fuel continues to escalate.

Rates for other jobs not asked on the questionnaire but were volunteered by reporters included chisel plowing at \$8.30 per acre.



| | | | | |
|--------------------------------------------|------|-------|-------|-------|
| Disking Tandem | Acre | 6 00 | 6 30 | 6 15 |
| With Harrow Or Cultipacker | Acre | 6 90 | 7 25 | 7 10 |
| Harrowing | | | | |
| Spike Tooth | Acre | 4 70 | 4 50 | 4 60 |
| Spring Tooth | Acre | 5 15 | 5 70 | 5 50 |
| Cultivating | Acre | 6 10 | 5 90 | 6 00 |
| Planting and drilling | | | | |
| Planting Corn With Fertilizer | | | | |
| Conventional Till Planting | Acre | 6 25 | 6 75 | 6 55 |
| Reduced Till Planting | Acre | 9 50 | 9 15 | 9 25 |
| Planting Soybeans Without Fertilizer | Acre | 6 20 | 6 50 | 6 40 |
| Drilling Small Grain | | | | |
| Without Fertilizer | Acre | 5 40 | 5 95 | 5 75 |
| With Fertilizer | Acre | 6 00 | 6 45 | 6 25 |
| With Fertilizer And Cloverseed | Acre | 6 50 | 7 05 | 6 75 |
| Planting Potatoes | Acre | 7 70 | 8 10 | 7 90 |
| Seeding Alfalfa Clover Etc | Acre | 5 15 | 5 85 | 5 50 |
| Broadcast Seeding (On Grain Fields) | Acre | 3 30 | 3 90 | 3 60 |
| Cleaning Grain Seed | | | | |
| With Treatment | Bu | 41 | 44 | 43 |
| Without Treatment | Bu | 30 | 35 | 34 |
| Spraying | | | | |
| Ground Equipment | | | | |
| Spraying For Weed Control | | | | |
| Excluding Material | Acre | 3 50 | 3 55 | 3 55 |
| Spraying For Corn Borer | | | | |
| Including Cost Of Material | Acre | 8 10 | 8 20 | 8 15 |
| Excluding Cost Of Material | Acre | 3 60 | 3 70 | 3 65 |
| Spraying For Spittle Bug or Alfalfa Weevil | | | | |
| Including Cost Of Material | Acre | 6 10 | 6 00 | 6 05 |
| Excluding Cost Of Material | Acre | 3 40 | 3 50 | 3 45 |
| Spraying Potatoes | | | | |
| Including Cost Of Material | Acre | 10 50 | 11 00 | 11 00 |
| Excluding Cost of Material | Acre | 4 75 | 4 75 | 4 75 |
| Aerial Application (Excluding Material) | | | | |
| Fixed Wing | Acre | 6 00 | 6 20 | 6 20 |
| Miscellaneous | | | | |
| Stalk Shredding P T O | Acre | 5 40 | 5 60 | 5 50 |
| Spreading Bulk Fertilizer | | | | |
| Dry | Acre | 3 90 | 4 00 | 4 00 |
| Liquid | Acre | 3 90 | 4 00 | 4 00 |
| Side Dressing | Acre | 3 90 | 3 90 | 3 90 |
| Grinding Feed | | | | |
| Corn Oats or Barley | Cwt | 38 | 39 | 38 |

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ISOTOX® Seed Treater (F) is economical insurance against two threats, diseases and insects. There's an easy planter box treatment. This time tested product provides economical

stand insurance for corn, milo, beans as well as a variety of vegetables, melons and field crops. Drop in and see if it isn't exactly what you need.



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| | | | | |
|--------------------------------------|-------|-------|-------|-------|
| Harvesting | | | | |
| Corn Picking | Acre | 14 50 | 13 30 | 13 90 |
| Corn Picking And Shelling | Acre | 17 60 | 17 60 | 17 60 |
| Corn Combining | Acre | 19 20 | 18 60 | 18 80 |
| Corn Drying (23 Percent Corn) | Bu | 25 | 25 | 25 |
| Combining Small Grains | Acre | 15 10 | 14 50 | 14 80 |
| Hay Making | | | | |
| Mowing | Acre | 5 50 | 5 10 | 5 30 |
| Mowing and Conditioning | Acre | 6 90 | 6 45 | 6 60 |
| Raking | Acre | 3 80 | 3 75 | 3 75 |
| Pick Up Baling | | | | |
| Twine | Bale | 20 | 20 | 20 |
| Wire | Bale | 29 | 26 | 27 |
| Cut Rake Bale And Store | Bale | 49 | 49 | 49 |
| Large Round Baler (Avg = 1500 lb) | Bale | 7 35 | 6 25 | 6 90 |
| Stacker Wagon (Avg = 1 Ton) | Stack | 16 00 | 15 00 | 15 50 |
| Siage Making | | | | |
| Pull Type Chopper And Tractor | Hour | 20 50 | 24 00 | 22 50 |
| Self Propelled Chopper | Hour | 27 00 | 35 00 | 32 00 |
| Blower | Hour | 4 20 | 4 50 | 4 35 |
| 1 Man 2 Wagons 1 Tractor | Hour | 19 00 | 20 50 | 20 00 |
| 2 Men 2 Wagons 2 Tractors | Hour | 29 00 | 31 00 | 30 50 |
| Potato Harvesting 1 7 Men 0-3 Trucks | Acre | | 98 00 | 98 00 |
| Plowing and cultivating | | | | |
| Plowing Moldboard Plow | | | | |
| Spring Stubble | Acre | 8 75 | 8 75 | 8 75 |
| Sod | Acre | 9 85 | 9 75 | 9 80 |
| Fall Stubble | Acre | 9 25 | 9 10 | 9 15 |
| Sod | Acre | 10 50 | 10 50 | 10 50 |
| Plowing Deep (10 Inches Or More) | Acre | 11 00 | 11 00 | 11 00 |
| Plowing Disk | Acre | 8 20 | 8 50 | 8 35 |

YOU'VE HEARD THE TALK.

There's a better way to dry grain. It's called CHILLCURING™ because it means CURING without heat. Here's what the talk is all about.

THE GRAIN

Every kernel of grain is alive when it comes out of the field. It is a seed, able to grow because it has the ability to take on moisture. Likewise, it can be kept in a state of preservation by removing the moisture already in it.

But by heating the grain to dry it, the seed life is destroyed.

By removing heat and moisture from the grain, it becomes dormant, and stays alive. Then it can ripen to full weight, losing only water while keeping valuable protein, starches and sugar.

THE SYSTEM

It's simple. Grain goes from the field right to the bin. With the unique AIRFRAME™ and AIRFLOOR™ the grain rests on a solid bed that allows maximum ventilation.

Clean dry air is the best curing medium for the grain. GRAINLAMPS™ provide electric sunshine, cleaning and drying the air beneath the floor, before it passes through the grain.

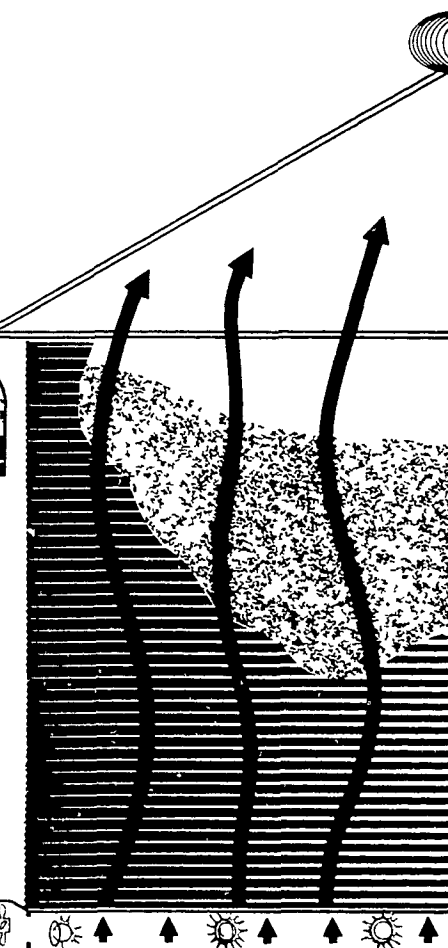
Fans force air under the floor. Rising through the grain, this dry outside air carries away moisture and heat.

At the peak of the bin a jumbo 40" turbine, the WHIRLCOOLER™, puts nature to work for you. Wind and rising air keeps it turning, venting the system naturally.

A special HARVESTAT™ Control System monitors the curing process. A simple setting controls the GRAINLAMPS™ to make use of free, natural air.



Advanced Ag Products
RD 2 Box 174 Elverson, Pa. 19520
215-286-9118



THE FACTS

1. You can't beat Nature. HARVESTALL GRAIN CHILLCURING™ uses the same elements that ripen and preserve grain if left to itself: free flowing air and infra red rays (sunshine).
2. CHILLCURING™ has been tried and proven in 17 states on over 3000 farms. The research is in CHILLCURING™ WORKS!
3. The CHILLCURING™ system uses only the electricity to power fans and lights, using about 1½ KW hrs per bushel. Compare that cost to other systems that use increasingly expensive fuels to get disappointing results.
4. The grain goes from the field to the bin and stays there till you need it. Save time and money at harvest with the one step HARVESTALL CHILLCURING™ and storage system.
5. If you're in the market for grain storage, you owe it to yourself to look further into HARVESTALL GRAIN CHILLCURING™.

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