## - Plowing

(Continued from Page 1) Each meet will have both contour and level land contests. Two other events have been added to the day's program, a tractor safety demonstration at $10 \mathrm{a} . \mathrm{m}$. and $4-\mathrm{H}$ and FFA tractor driving contests at 1 pm. R. E. Patterson, Penn State Unversity safety specialast, will conduct the morning demonstration, using remote control to send a tractor over a roped-off course simulating lough terram.
Russell L. Ruble, Sinking Springs, in charge of the youth tractor driving, said all contestants will get $\$ 10$ each and that trophies will go to the winners in each competition. Charles W. Passmore, Lancaster, 1963 general chairman, sald Berks county farmers and implement dealers will be hosts to the state meet. Among them will be the 1961 level land champ, Charles D Wessner, Kutztown, R. D. 2
Patterson will be charman of judges for the state level land contest, and Henry Warner, Chambersburg, for the contour event. Plowmen competing for state honors, and all those in preliminary county matches, will be judged on umiformity and neand finished row, clean land ends, eral conformity to rules
More than a dozen contestants, all county champions, will compete Winners will re-

New Pennlate Orchard Grass Solves Problems Farmers have been looking for a late orchardgrass that will ield as well as any other Pillate is the variety that Ho do 1t, according to Dr John E Baylor, Associate Professor of Agronomy, CooperaPennsylvania State Universty Farmers have been planting the variety $\mathrm{S}-37$ in order to have an orchardgrass that ma mon orcherdgrass. This varlety mon orchardgrass. This varety, hows per yields 1 to $1 / 2$ tons chardgrass varıeties Pennlate actually heads $7-10$ days later han common orchardgrass (the same as s-37) but without a loss of yield, Dr Baylor says. Pennlate is a high quality, leafy variety with vigorous growth. Its winter hardiness is better than S-37. As a quality forage Pennlate has little competition among orchardgrasses, and is far superior to other late varieties. It grows well in association with legumes, especially alfalfa and ladino clover.
Investigation of varieties of orchardgrass began in 1949 at the U S Regional Pasture Laboratory in cooperation with Experiment Station Breeders selected plant strans on the basis of winter hardiness, leaf iness, disease resistance, plant type and recovery after cutting Under the direction of Penn State agronomists, in four years of evaluation and testing in Pennsylvania's sorl and climate, the new varicty of orchardgrass was found to be superlor in all respects and was made avallable to contract growers as Pennlate
Tiactors are miolved in more tarm accidenis than ans ohter farm implement But other machines have higher arcident lates because thev are used less Based on hours of the mosi dangerous taim mathe mosi dangerous taim ma- present awards to the champpresend runner-up in both con

St. Paul's Union. Church, ative Extension' Service, Rerles ceive handsome trophies to be ion and runner-up in both con- stand on the groumde. The "Pennsylvania Ding Commentment, of provided by the Farm Equip- tests. Derks County Soll Conseryation Potests aind Waters, Stutercame ment Manufacturers Associa, State Agriculture Secertary agencies will pros. coaperating and Fish Comnitsions, "State tion of Pennsylvania and the Leland H. Bull, who will serve tion exhibits in prosent conserya' "Depariment" of "Highways, Soil" Pennsylvania Retail Farm and as honorary chairman, is sche- The cooperating a-large tent. "Conservation Service, and the Industrial Equipment Associa- duled to make the presenta- The cooperating agencies are: Agricultural'. Stabilization 'and tion. The B. F. Goodrich Tire tions.

## Neppco Records Prove: It Pays To Feed HORNCO! "My Layers Really Produce on the HORNCO Laying Program." <br> Says Claude Hersh York County Penna. 268 Eggs per birds 3.8 lb . Feed Conversion: 89.7\% Liveability

here is the record

| + Period | \% Lay | Egas <br> Per Brrd | \% iv. B. | Feed <br> Conv. | Feed <br> Cost <br> Por Dos. |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 1 | 71.3 | 20 | 99.8 | 4.0 | 14.0 |
| 2 | 86.2 | 24 | 99.0 | 3.5 | 12.1 |
| 3 | 85.8 | 24 | 98.2 | 3.5 | 12.3 |
| 4 | 82.2 | 23 | 97.1 | 3.2 | 11.3 |
| 5 | 77.8 | 22 | 96.7 | 3.8 | 13.4 |
| 6 | 76.0 | 21 | 95.7 | 4.1 | 14.3 |
| 7 | 73.4 | 21 | 95.2 | 3.8 | 13.2 |
| 8 | 71.5 | 20 | 94.5 | 4.1 | 15.1 |
| 9 | 69.4 | 19 | 94.0 | 3.8 | 14.0 |
| 10 | 68.6 | 19 | 91.0 | 3.9 | 13.9 |
| 11 | 66.4 | 19 | 90.0 | 4.1 | 14.3 |
| 12 | 63.2 | 18 | 89.7 | 4.3 | 15.4 |
| 13 | 63.2 | 18 | 89.7 | 4.3 | 15.4 |

## 364 Day

| $* *:$ | Summary | 74.7 | 268 | 89.7 | 3.8 | 13.5 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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\author{

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* Birds moved to make room for pullets before full year of lay was complete. Last 28 day results were estimated.

