## **5-Acre Corn Club Champions**

Three corn growers who produced the highest yields in the machine and hand divisions of the 1972 Pennslyvania 5-Acre Corn Club were honored Monday at the 57th Farm Show.

Winner of the shelled grain grain harvested class was Harold and Homer Moore, Farnklin RD3, Venango County, with an average yield of 226 bushels per acre

Richard Luckenbaugh, Spring Grove RD1, York County, and Raymond Wingert, Chambersburg RD1, Franklin County, were declared co-champions in

## Corn Judging Champions

Butler and Lancaster County corn producers captured championships in corn judging competition at the 57th Farm Show

Donald J Wack, Zelienople, Butler County, was winner in the statewide 10-ear open pollinated division Daniel A Brubaker, Ephrata, Lancaster County RD1, for the second straight year, was winner in the 30-ear open pollinated category

In 10-ear hybrid dent classes, Clyde Brubaker, 2418 Harrisburg Pike, Lancaster, captured the championship in district 1 competition, and Ned McDonald, Imler, Bedford County, placed first in district 2.

In other district competition in 30-ear hybrid dent classes, Donald S Boshnaugle, of Columbia RD1, won in district 1, and Ned McDonald, Imler, won in district 2

In 4-H competition, Douglas Rohrer, 1623 Book Road, Lancaster, was winner in district 1, and David Naugle, Hooversville, Somerset County RD1, topped all competitors in district 2

Thomas Hoover, York RD12, placed first in district 1 vocational classes, and Ernest dell, Mapleton Depot, Hungdon County, topped the classes in district 2

the ear corn harvested class with 183 and 182 bushels per acre respectively.

There were 136 corn growers entered in the 1972 contest, reports Joseph H. McGahen, Penn State Extension agronomist. Sponsor of the program is the Cooperative Extension Service.

Harold and Homer Moore established a plant population of 18,167 plants per acre. Corn was planted on May 11 and harvested on October 15.

They applied 215 pounds of nitrogen, 160 pounds of phosphorus, 80 pounds of potassium, and 15 tons of manure per acre. Row width was 30 inches.

Additionally, the Moores were also declared champions of a national 5-acre contest conducted by Muncy-Chief Hybrids, Muncy. Prizes for this accomplishment included a trophy and a merchandise certificate valued at \$250

Luckenbaugh, one of the cochampions in the ear corn harvested class, planted his crop using no-till procedures. The corn was established on May 16 and harvested on November 13.

He applied 168 pounds of nitrogen, 53 pounds of phosphorus, and 18 pounds of potassium. Plant population was 23,290 per acre in rows 30 inches wide.

The other co-champion, Raymond Wingert, established a plant population of 23,510 per acre in 38-inch rows. The crop was planted on May 14 and harvested on October 10. He applied 160 pounds of nitrogen, 50 pounds of phosphorus, and 25 pounds of potassium

Second place winner in the shelled grain harvested class was Charles A Hess, Dallastown RD1, York County, with a yield of 182 bushels per acre

Buttonweed Springs Farm, Warminster RD, Bucks County, captured second place in the ear harvested division with 179 bushels per acre

Average yield for the 136 growers was 132 8 bushels per acre. Grain moisture was calculated at 28 7 percent, and plant population averaged 19,692 per acre

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## Two Hay Champs

A pair of Lancaster County Farmers produced Pennsylvania's best hay samples in 1972 according to judges at the Pennsylvania Farm Show.

Jesse G. Balmer, Lititz RD4, exhibited the grand champion sample, while Daniel Brubaker, Ephrata RD1, showed the reserve champion.

Balmer's sample was a heat dried cutting of late alfalfa, containing 23.6 percent crude protein, 21.7 percent crude fiber and 67 percent estimated total digestible nutrients (TDN).

Brubaker's sample contained 22.6 percent crude protein, 22.5 percent crude fiber and 66 percent TDN.

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## Window Display Winner Shows Milk Let-Down

Upper Bucks FFA Chapter, Upper Bucks Vocational Technical School took top honors in the FFA Window Exhibit competition at the 57th Pennsylvania State Farm Show with an educational and eye catching exhibit entitled, "How Milk is Let Down."

With the use of lights they traced the stimulation of the udder nerves through the nerve system to the brain, releasing the hormone into the blood system and traveling back through the blood stream to the udder releasing the milk.

Kutztown Area FFA Chapter, Kutztown Area High School, with their exhibit entitled "Lagoons for Manure Handling," captured second place. Mifflinburg Area FFA Chapter, Mifflinburg Area High School, placed third, with an exhibit entitled "Silo Gas Kills."

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