Rains Bring **Harvest** To A Halt

HARRISBURG- Pennsylvania farmers had the best conditions for field work since mid-June, the State Crop Reporting Service sa id today in its crop and weather roundup.

Farmers kept busy throughout the week cutting Farmers had a good week clover, timothy hay and alfalfa, cultivating early corn the northeast where wet gro row added, and exhibitors in tices that will help save in and combining barley, wheat und slowed drying.

rye and winter oats. Most areas dried sufficiently to permit using machinery in fields Wheat harvesting was progressing rapidly in Lancaster County. Rains and Has New Classes damp weather brought harvest operations to a halt during the week with about % of the crop harvester.

now in prospect, tomotoes and sweet corn will be in good supply within a few weeks. Snap beans, early cabbage and broccoli are mo ving in good volume. Har- ten referred to as the "live- county agents office. vest of asparagus and straw berries is complete in all areas.

Peaches are sizing well and early varities are starting to ripen in southern counties Peak harvest of sour cherries in the South Moun tain area is well along and picking in Erie County start are relatively clean consid- after slaughter. The cattle ering the wet weather. Pick will be shown on-the-hoof ing of early varities such as on Sunday, November 13, Transparent and Lodi start- and will be taken the foled this past week.

generally good. Barley yel- carcasses will be brought

rust are serious on spring oats in some localities. Winter oats in the county pro mises to produce well but yields of spring oats will be quite variable. Rye harvest has begun in the south.

Pasture growth, while not as lush as in June, 15 still providing good feed Recent rains will help pastures to continue growth. Alfalfa spraying is continuing where weevil control was not adequate earlier. First crop of hay not yet and losing quality rapidly

Eastern National

The addition of a Quality in list of classes at the Eastern premiums will be offered. National Livetock Show shexposition the largest in history, Charles A. Morrow, recently.

stock show window of the East," will attract entries from at least twenty states and Canada to the Maryland State Fair Grounds at Timonium, Maryland, November 12-17.

Mr. Morrow said that exhibitors are being invited to participate in a Quality Beef Carcass Contest in which ed late last week. Apples steers will first be judged are also putting on size and in the show ring and then owing day to a Baltimore The corn crop looks vig- slaughter house where they orous and has good color will be prepared for the rack considering the cool weather and judged. The grand cham Barley and wheat yields are pion and reserve champion low dwarf virus and leaf back to the fairgrounds on

Research Report Explains

What Happens To Nitrogen

Many tons of nitrogen fertilizer will be left in our periment Stations Relations Relations soils next fall after harvest. Can we cut down on winter studies are also being nitrogen loss? Can we estimate what's left next spring ducted by other states when making fertilizer recommendations?

and State scientists are try-

Tuesday for exhibition. First crop of hay not yet Another class for junior has been given to carried over gen, regardless of the state of the stat for drying hay except in eding Heifer Show, Mr. Mor been made to follow practhis show may enter two heifer show started, they

The addition of these two classes, he said, is expected to develop greater interest the Eastern National. Beef Carcass Contest to the More than \$52,000 in cash

were restricted to one entry.

Closing dates for entries fertilizer. With higher temperatures ould help make the 1960 are October 1 for the open (adult) classes and Septem- from year to year, but does plant growth, rainfall dis ber 24 for the 4-H and FFA manager of the show, said Junior Show. The junior exhibitors must submit their

ing to answer. The answers gen fertilizer in humid reimportant because we gions of the country — and spend over a third of a biltaken up by crops.

So far, little consideration Another class for junior has been given to carried-ov-31, 1959, has been added to fertilizer recommendations is also lost to the atmospherical through relations is also lost to the atmospherical through the 4-H Club and FFA Bre- And no extensive effort has these millions of dollars heifers. Last year, when the worth of nitrogen. With more and more nitrogen being used, losses are proving extremely costly. However, few dependable answers have been found This is what we have learned:

nual carryovers of nitrogen recover a variable fraction

not appear to be related to bution and amount, come total rainfall.

Fall-applied nitrogen is on- croflora, ammonium fixat The Eastern National. of entry applications to their ly about 57 percent as effect and probably other factor ive as spring-applied nitro-

gen for corn in humid an These facts are part of results of 5 years' cooper tive research by ARS the Alabama, $M_{1SS_{1SSip}}$ and Georgia Agricultural nations as the extent of trogen loss is discovered

From these many sour is accumulating evidence scientists have not been of bulk of nitrogen loss occur only through leaching F dence now shows that not through volatilization appreciable quantity There is no agreement yelto how important volatily tion losses are in the field how farmers can prem them.

answers have Factors Govern the Amon of Nitrogen Recovered These new facts combin with what is already kno There are important an indicate that fertilized co the applied nitrogen-den The residual effect varies ding on rate used, rate tion by other plants and

(Turn to page 14)



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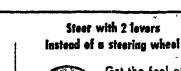
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