bur More Sales and Leba ley, Fredericksburg. Reported By **News Service**

HARRISBURG — Market Termal Livestock Market news reporting at Pennsyl under terms of a contract vania livestock auctions has with the U S Department digestible hay than when been expanded, according to of Agriculture. John L. Rainey, director of the bureau of markets in the State Department of Agricul-

additional auctions were add- year-old Glenalcomb Su-Mason-Dixon Auction, Stew-days on twice daily milking ville); Silver Springs, Mech-Registered Holstein cows.

anicsburg; and Lebanon Val-

Up to this point, the reup to this point, the reporting of livestock volume Early Cut Hay and prices has been confined to two auctions in Lancaster Makes More Milk County, and the Lancaster

lbs buterfat in 271 days on Effective January 1, four twice daily milking as a 5-York (Thomas- as a 7-year-old Both are

Specialist Say

Cows will give more milk when fed early cut, highly fed hay that is cut later and is less palatable. This was timothy and clover), than Revar Inez Pabst produc-ed 16 083 lbs milk and 615

Revar Inez Pabst produc-land Conference held at the All cows in the tests were shown that common orchard Revar Inez Pabst produc-Pennsylvania State Univer- fed equal amounts of grain

ed to the livestock market preme Joan 16,511 bs. milk er with the Agricultural time for growth of second news program. They are the and 676 lbs butterfat in 283 Experiment Station at Penn and third cuttings, produc-State, said he found that ing better quality feed for cows ate 55 less pounds of the season's yield forage per cow per day from

the first cutting At the produced per acre To offs.t same time, digestible energy loss of yields in Central of the hay decreased an av- Pennsylvania, the studies erage of six units.

Dr Kesler and Sidney L Spahr found that cows pro from mixed hay (alfaifa,

Early harvest of the first Earl M. Kesler, research- cutting also allowed more

Kesler indicated that ear-

cuttings made 15 days after ly harvest means less forage show that legumes should be cut first when in late bud or very early bloom With duced 59 pounds more wilk this harvesting schedule. high quality nutrient yields will be nearly maximum
The studies have also

grass must be cut very early - sooner than most dairymen can get started to make acceptable quality feed for high producing cows The orchard grass ma tured about two weeks earlier than the alfalfa-timothy clover mixture.

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Poor Plugs Gas Wasters Tests Show

If you think you can tell when it's time to change the spark plugs in a tractor by the sound of the engine, better take a good look at the results of a recent tractor clinic over in Biglerville.

There, some 19 area farm ers who brought their tractors in for free dynamometer tests learned a startling fact about spark plug performance in farm tractorsthe plugs actually can be wasting a lot of gas and power without showing any signs of misfiring

One Pennsylvania farmer, n fact, was astounded to see the horsepower in his tractor almost double when new spark plugs were mstalled.

Not only did the tractor's horsepower increase from 20 to 395 when new plugs were installed in place of those which had been in the tractor for three years, fuel economy increased an impressive 20 per cent gas savings of twenty cents on a dollar in this particular

Obviously the results obtained here are an extreme case But how about the other 18 tractors tested?

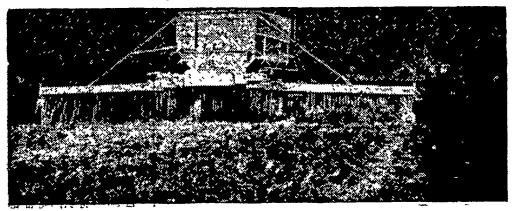
Only one showed no improvement in either horsepower or fuel economy when new plugs were installed ln every other case, new plugs made a difference in fuel economy, horsepower, or both!

Average horsepower gain for all the tractors tested was a significant 91 per cent; average increase in fuel economy 96 per cent.

Purpose of the tests — which are being conducted in major farm areas through out the United States — is to show farmers how worn spark plugs can waste and power without the farm er being aware of the condition enough in most cases to pay for new plugs many times over

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