

Local Grain

Thursday, September 20
These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, September 20, 1973, are as follows:

	Bid+	Offered+
Ear Corn, Old	63.33	73.33
Shelled Corn	2.36	2.56
Oats, Local	1.10	1.32
Oats, Western	1.66	1.78
Barley	1.95	2.16
Wheat	3.96	4.08

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

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As Insects React—

That Old Devil Moon Sheds New Light

There may be some scientific basis after all to that old wives' tale about the change of the moon bringing an increase in baby births.

The tale apparently does hold true when it comes to certain insects, reports the National Cotton Council.

Data compiled from six years' study of cotton pests in California's San Joaquin Valley show that moon-watching enables scientists to predict population increases in bollworms with amazing accuracy.

Among other things, it was learned that bollworms lay the most eggs around the time of the new moon. Egg production then begins to decline and reaches its lowest point at full moon. The reason for this, according to scientific conjecture, is that the light of the full moon apparently affects insects' mating habits.

While the moon phase concept may sound like an old wives' tale, scientists think it can be a valuable new aid to farmers in making pest control decisions and planning over-all crop management.

Dr. Louis Falcon, insect pathologist at the University of California in Berkeley believes it will allow more effective bollworm control through the use of predatory insects.

These natural enemies of the bollworm would be released in the fields to feed on eggs and small worms during the 14 days between the new moon and the old one. It's estimated that 90 per cent con-

trol is possible with this method. Then the grower can decide whether to follow up with insecticides.

The moon phase also is useful in helping pinpoint when problems are likely to occur. One cotton grower, using it as a guide, found an earlier than normal infestation of bollworms. By attacking the problem early with insecticides, he was able to get good control with only a single application.

Similar studies on cabbage loopers and beet armyworms show they also are affected by moon phases. Data confirm that fewer eggs are deposited by these insects at full moon.

Unique Position

The farmer is the only American businessman who buys everything he needs for production at retail prices, and then is forced to sell his products at wholesale prices.

Research Accelerates Timber Growth Rate

Intensive company research in forest genetics and reforestation methods has added at least 50 per cent to the timber growth rate compared with reforestation techniques of only five years ago, according to the chief executive of Georgia-Pacific Corp.

R. B. Pamplin, chairman and president of G-P, said the old 80-year growth cycle for Pacific Northwest timber, later reduced to 60 years, has now been reduced by research at this center to 40 years "and we can safely talk about a new generation of super trees maturing for harvest in 30 years."

Tax Start

The first federal income tax was imposed in 1862 at a rate of 3 per cent, but was allowed to expire in 1872 because of protests and evasion.

HOW'S YOUR **Agri-Culture?**

SCIENTISTS FIND NEW WAY TO 'FOIL' INSECTS!!!

AFTER LEARNING THAT APHIDS, TINY BUGS WHICH TRANSMIT VIRUSES TO PLANTS, DON'T LIKE BRIGHT LIGHTS...

SCIENTISTS KEPT THEM OUT OF NEW JERSEY SQUASH FIELDS BY PUTTING DOWN LIGHT-REFLECTING STRIPS OF ALUMINUM FOIL. THIS CUT PLANT DISEASES UP TO 98% AND UPPED SQUASH YIELDS FIVE-FOLD!!

AGWAY

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5/8" C-D-X 4' x 8' SHEET **7⁷⁵** PER SHEET

3/4" AC 4' x 8' SHEET **11⁷⁵** PER SHEET

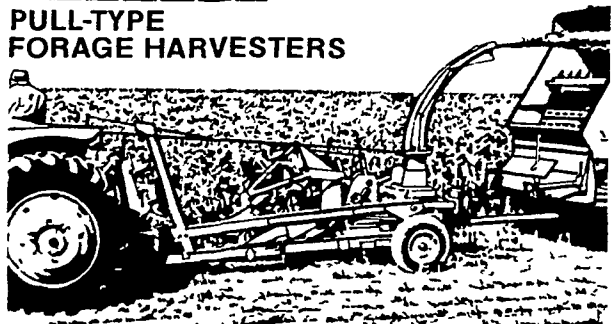


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