

### Clean Fuel Supply Essential for Diesels

When the diesel engine for tractors was designed, one of the most difficult problems of design was the proper injection of the fuel into the combustion chamber against high pressure.

The "heart" of the diesel engine is the fuel injection system. Since this mechanism must inject just enough fuel for one explosion, it must operate with utmost precision.

Because of the close tolerances built into the injection system, it is very important that the fuel which reaches the system is as clean as possible.

Try these pointers for diesel tractor care

Use only a clean storage tank with no rust or scale on the inside. Make one end of the tank lower than the other. Then put a water sediment trap on the bottom of the tank at the lower end.

Let the fuel settle for a few hours before refueling the tractor, after the storage tank is filled. Always pump directly into the tractor tank. Never use buckets or open containers for refueling.

Be sure that water or gasoline doesn't contaminate the diesel fuel, since both can seriously damage the injection system.

Loss of power or misfiring of the engine indicates that fuel filters may be clogging. They need occasional servicing.

## GREIDER

- ★ Super Cross Leghorns
- ★ Shaver Star Cross 288 Leghorns
- ★ Vantress Arbor Acre Broiler Chicks

Broiler Chicks Still Available in December

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### A Better Spreader ANY WAY YOU LOOK AT IT

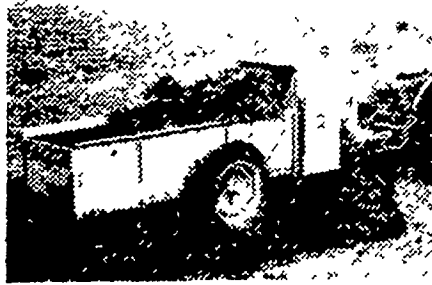
loads from the rear and sides

no arches or beaters in your way—you can back up to hard-to-reach corners or around barn cleaners.



spreads from the front

spreads evenly, clean and low—also protects the operator.



shreds the manure

for the first time, a system of three beaters and rotary slingers breaks up chunks for uniform spreading, fast plant feeding.

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## Nation's Farmers Exceed Soil Bank's Limits with 20 Million Acres Offered

The U. S. Department of Agriculture today reported that farmers have filed applications for 1959 contracts in the Conservation Reserve of the Soil Bank which offer acreage exceeding the goals for the program in most states and nationally. The final date for application was October 24.

For the country as a whole, the 232,000 filed applications for contracts would call for putting more than 20 million acres in the Reserve under contracts beginning next year. The national goal for the 1959 signup as 12.5 million acres.

If all farmers who filed applications were offered contracts by the County Agricultural Stabilization and Conservation Committees, first-year practice and annual payment would require more than the \$235 million available for payment next year on new contracts.

The rest of the \$375-million total authorized by the Congress will be needed to make annual payments under contracts signed in previous years.

Because the authorized program for 1959 is not sufficient to permit offering contracts to all applicants, it will be necessary in most states to follow the announced priority system in determining which applicants are offered contracts.

When the priority system is used, farmers who in 1958 had all their cropland in the Acreage Reserve and the Conservation Reserve together—and are now applying to put all the land in the Conservation Reserve—will be offered contracts first.

The next priority is to farmers who offer land at less than the maximum rate established for their farms. The remaining applications (all at the established maximum rates) are then considered in order of the rate per acre, beginning with the lowest.

About 126,000 farmers placed a total of 10 million acres of cropland in the program in 1956, 1957, and 1958.

In the signup procedure for Conservation Reserve contracts which are to become effective in 1959, farmers first asked County ASC Committees to establish maximum annual payment rates per acre for their farms. When the payment rate was established each farmer was given a notice of the rate.

He could then apply for a contract offering to accept the maximum rate or less. Today's announcements reports only on the contract applications actually filed.

The next step will be for County ASC Committees to check the number of acres, and

the quality and eligibility of land offered. This process will likely require at least six weeks.

Each farmer who is offered a contract will have 15 days to sign the contract which is the final step in placing land in the Conservation Reserve.

Applications filed, acres on applications, payments estimated for applications, allocated funds, and acreage goals by States are listed here.

Texas, with 19,070 applications led all states in this field, followed by Missouri with 14,025 applicants, Oklahoma with 13,092, Minn. with 13,005, North Dakota with 12,400 and Georgia with 10,378

while Rhode Island and Arizona Nevada has no applicants, have seven each.

Pennsylvania has 4,695 applications for 267,199 acres, well in excess of the state's goal of 174,000 acres \$4,071,000 are available for the state's program, while all applications would require \$5,407 if accepted, and contracts signed.



## FEEDING CAPETTES Has Its Problems!

One of these is the proper proportioning of finishing pellets and grain in your bulk bin.

With grain and pellets in the feeders, the birds also must balance their own diet. This they do not always do and unevenness in birds and inefficient gains frequently occur.

To correct some of these difficulties Miller & Bushong have developed an Early Bird Complete Capette Roaster Ration No. 39 Plus (Pellets)

It is a completely pelleted ration for finishing capettes. No grain feeding required.

### ADVANTAGES

- 1—Easier to feed
- 2—Completely balanced ration as to vitamins, amino acids, minerals and carbohydrates
- 3—Birds get a complete ration in one pellet

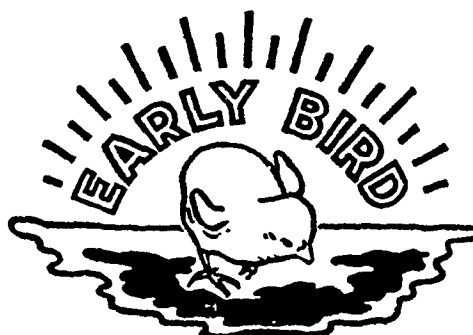
### RESULTS

Better finish More uniform flock

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