

# DER predicts record gypsy moth infestation

HARRISBURG — The Pennsylvania Department of Environmental Resources Wednesday announced that the gypsy moth infestation may reach record-breaking proportions this year, with nearly two million acres of woodlands expected to be severely defoliated.

James O. Nichols, chief of DER's Division of Forest Pest Management, said the department plans to spray 175,000 acres of gypsy moth-infested forested residential and recreational areas this spring in 25 counties, about 10 percent of the total infestations.

He said the spray program, expected to begin about mid-May

when the caterpillars are fully hatched, is designed to alleviate the caterpillar impact on high-use areas. Utilized will be the environmentally safe insecticide Dylox, which is registered and deemed safe for use over populated areas by the U.S. Environmental Protection Agency.

"Spraying is coordinated with county governments, which initially propose the treatment areas," said Nichols.

"Residents within treatment areas will be notified of spraying times by the county commissioners. Those who do not want their properties treated may have them excluded but, in such in-

stances, much of the neighboring land also would be excluded to provide for a 500-foot no-spray buffer zone.

"The entire spray program," Nichols added, "should be completed by mid-June."

Thirteen helicopters, from three firms will handle the spraying, usually during the early morning hours when winds are minimal, and personnel from the department's Bureau of Forestry will supervise these treatments.

Nichols added the Department also will be conducting experiments with the biological spray, *Bacillus thuringiensis* (BT), to develop procedures to enhance

parasite activity in infested areas. This spray kills only leaf-eating caterpillars, leaving a higher parasite/gypsy moth ratio, but it must be applied twice to infested areas, thus costing more than Dylox.

Counties where spraying will take place and the areas to be treated are:

Blair, 2117; Bucks, 1116; Carbon,

2997; Centre, 13,162; Chester, 2262; Clearfield, 420; Clinton, 105; Columbia, 200; Cumberland, 3,396; Dauphin, 996; Delaware, 1551; Huntingdon, 558; Juniata, 1050; Lackawanna, 5017; Lancaster, 705; Luzerne, 9267; Mifflin, 2765; Monroe, 65,171; Montgomery, 1539; Northampton, 555; Perry, 2195; Pike, 27,561; Schuylkill, 414; Wayne, 6267; York, 4144.


## PENNSYLVANIA AGRICULTURE



WE'RE GROWING BETTER

### POWER KING one tough tractor!

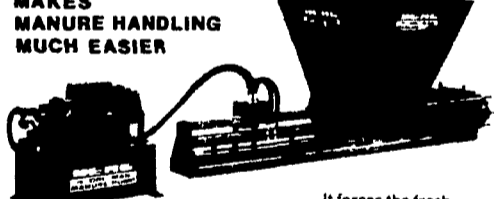
Big work-power for every job on your place. All-gear drive delivers more usable horsepower, saves gas. Mow lawn, plow, till, bulldoze, clear snow, split logs and more. 12, 14, 16, 18 hp. Free catalog American-bilt, your top dollar value. Come in, see for yourself.



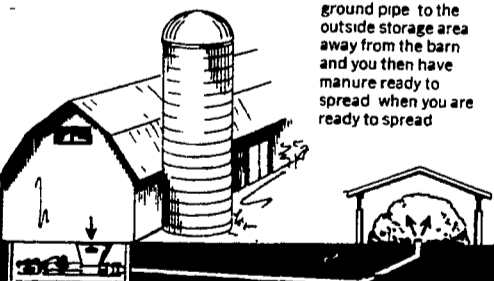
**OBERHOLTZER'S**  
RD #4, Box 260, Fairview Road  
Lititz, PA 17543 Phone: 717-733-8506  
HOURS:  
Mon., Thurs., Fri. 9:00 to 2:00 and 4:00 to 9:00  
Tues., Sat. 9:00 to 12:00

### BERG HYDRO-MAN MANURE PUMP

MAKES MANURE HANDLING MUCH EASIER



It forces the fresh manure from the barn through an under ground pipe to the outside storage area away from the barn and you then have manure ready to spread when you are ready to spread.



SEE YOUR LOCAL BERG DEALER

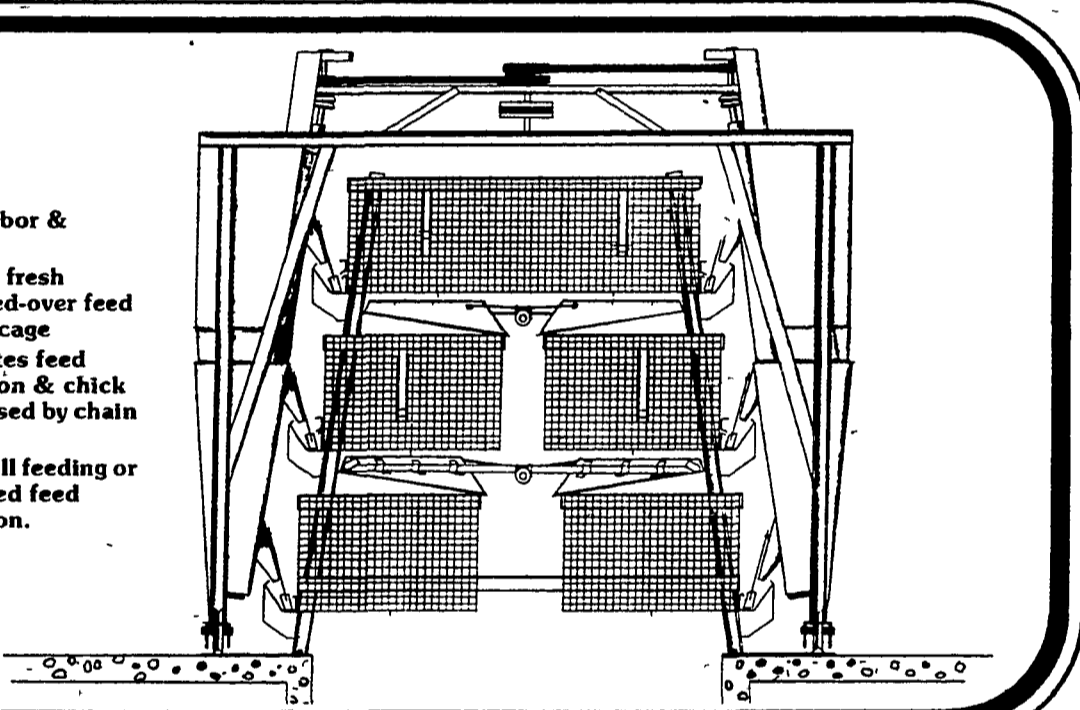
- AARON ZIMMERMAN**  
RD 1,  
East Earl, Pa. 17519  
215-445-5309
- R. LAMAR HACKMAN**  
RD 2,  
Mifflinburg, Pa. 17844  
717-524-4901
- ROBERT GUTSHALL**  
RD 1,  
Womelsdorf, Pa. 19567  
717-933-4616
- AREA REPRESENTATIVE:**  
**CHESTER INGRAM**  
RD 2,  
Bellefonte, Pa. 16823  
(Hubersburg)  
814-383-2798
- DONALD UPPERMAN**  
1126 N. Franklin St.  
Chambersburg, Pa.  
717-264-6007
- DOMBACH EQUIPMENT INC.**  
McAllisterville,  
Pa. 17049  
717-463-2191
- ROVENDALE SUPPLY**  
RD 2,  
Watson, PA 17777  
717-538-5521
- CLAIR C. BEATTY**  
RD 4, Box 188A  
Indiana, Pa. 15701  
412-465-7368

## CHORE-TIME BROOD-GROW CAGE SYSTEM



Featuring **New Meal Master Feed Kar™ Feeding System**

- Saves labor & energy
- Delivers fresh un-picked-over feed to each cage
- Eliminates feed separation & chick loss caused by chain feeder
- Offers full feeding or controlled feed restriction.



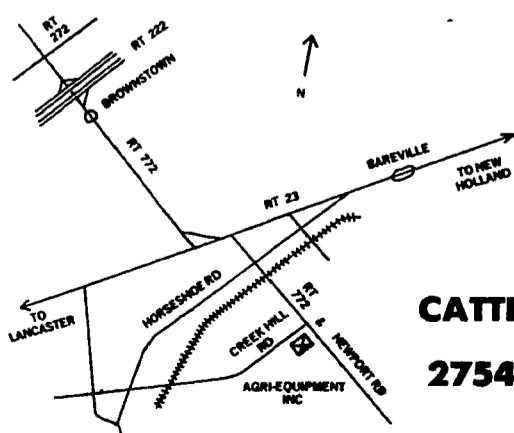
Now you can actually control the amount of feed entering the feed troughs in your brood-grow building with Chore-Time's new MEALMASTER FeedKar™ Feeding System. And, the new system feeds your birds faster with less horsepower to help you save energy costs.

The MEALMASTER FeedKar deposits fresh, un-picked-over feed in front of each cage without the feed separation and chick loss experienced with a chain feeder. The MEALMASTER System also only requires 1/4 hp per cage row compared to the 4 1/2 hp per cage row commonly used on 3-level chain feeder systems.

MEALMASTER's FeedKar Feeding System consists of a track-mounted structure spanning

each cage row with one feed dispensing unit on each side. Each dispensing unit has a feed hopper from which a solid core auger pulls feed up a feed tube to outlet drops traveling over each trough. A flap valve controlled by a paddle riding in the trough prevents overflowing of the feed trough beyond the desired level. Any surplus feed left in the auger is returned to the hopper.

Feedings are set on a control clock so you can have either full feeding for starting chicks or controlled feed restriction as desired. All rows feed at the same time with all feeding units returning to the fill end of the house to refill at the end of every feeding cycle.



## AGRI-EQUIPMENT, INC.

**CATTLE — HOG — POULTRY EQUIPMENT**  
2754 CREEK HILL RD., LEOLA, PA 17540  
PHONE: 717-656-4151

★ SERVING PA, N.J. and N.Y.

**STORE HOURS:**  
Mon.-Fri.  
7:30 to 4:30  
Saturday -  
7:30 to 11:30  
Parts Only