

## Adams feed mill

(Continued from Page D20)

County specialty company's feeds are marketed to every state east of the Mississippi, according to Markey.

Even though the company has expanded its specialty lines over the past 17 years, trout feed continues to make up the bulk of the feed company's business, and supplying the feed needs of aquaculture demands most of its research efforts.

"Two-thirds of the earth's surface is covered by water," observed Knapp, "so why not use it to grow food? Instead of going out to sea to catch shrimp, you can grow them in a confined area."

"We've had requests from people in Japan to get feed for eels that they're growing in aquaculture. We're a specialty feed company and producing for this market is right up our alley. We're trying to become a leader in the field."

Knapp pointed out that some of the advantages of aquaculture include being able to grow things, like trout, shrimp, catfish, lobster, and tilapia in a more controlled environment. Another advantage is the potential for big profits. He cited statistics showing that in 1979 catfish farmers turned a profit of \$500 per acre compared to \$100 an acre earned by soybean farmers.

Knapp admitted the industry is still an infant and has a lot of rough edges to polish. However he emphasized that efficiency of production is aquaculture's greatest asset — fish convert feed into meat at an extremely high ratio.

With an eye to the future, Zeigler Brothers, Inc. is working toward a major marketing expansion which not only includes more distributors for their current line of exotic feeds, but also exploring new areas for sales.

Catering to the temperamental

NEWARK, DEL. — Corn planting time is fast approaching. How good a seeding job will you do this year?

Decisions you make at planting will likely affect your results at harvest, says Delaware Extension power and machinery specialist Tom Williams. Some crops can compensate for poor planting practices, but most do best when they are seeded uniformly.

tastes of celebrity zoo residents, laboratory research subjects, or trout has earned more than 'chicken feed' for a once floundering feed company. The tale of Zeigler Brothers, Inc., from success to failure and back again, is one fish story you can believe.

Planting was one of the first farming operations to be mechanized, Williams notes. The first corn planter, patented in 1893, allowed the farmer to plant without stooping. Today farmer rides in an air conditioned tractor cab with electronic monitors and plants a 30-foot-wide swath at five miles per hour.

Even the meaning of the word, planting, has become far more complex. Today, planting might consist of applying dry or liquid fertilizer beside the row; applying granular insecticide in the seed furrow or beside the row; opening a seed furrow; metering seed at a uniform rate; placing treated seed at a uniform depth, with good seed-to-soil contact for fast ger-

mination; and covering the seed for protection. Spraying herbicides can also be accomplished at the same time. Proper calibration of metering mechanisms is critical if a planter is to apply all these materials at the intended rates under varying conditions.

The Delaware Cooperative Extension Service will sponsor a workshop to demonstrate proper calibration techniques on Tuesday, March 16, at 1 p.m. It will be held at White Brothers Supply Co. on Route 896 north of Middletown. Corn planters, row fertilizers, granular applicators, grain drills, PTO and ground-driven sprayers will be covered. The meeting will count toward the recertification of pesticide applicators.

### These high + PD milk sires are now classified "Excellent"



15H180  
Le-Del  
Ideal  
SUPERIOR

Excellent-90

PRODUCTION: USDA Summary (January/82)  
1,306 Daus. in 654 Herds Ave.

17,743M 3.5% 618F  
Pred. Dif. (98% rpt.) +\$137 +1,368M -.17% +24F  
S: Harrisburg Gay Ideal-EX & GM  
D: EX-3E with 2 rec. over 25,000M & 900F

TYPE: H-FA Summary (January/82)  
164 Daus. Cl. 77.8 (act.) 80.2 (age-adj.)

Pred. Dif. (91% rpt.) +.36 PDT  
MATING RECOMMENDATION: Use Superior to improve strength with dairyness. He can also be expected to improve rear udders, teats, legs & feet, and quality of bone and hide.



15H276  
Lovdal  
MAGNET  
Chief  
Falcon

Excellent-90

PRODUCTION: USDA Summary (January/82)  
27 Daus. in 26 Herds Ave.

18,258M 3.5% 637F  
Pred. Dif. (54% rpt.) +\$139 +1,320M -.14% +27F  
S: C Romandale Shalimar Magnet-EX & GM  
D: VG Arlinda Chief Dau. with rec. to 30,720M & 1,161F

TYPE: H-FA Summary (January/82)  
(no summary to date)

MATING RECOMMENDATION: Use Magnet to improve open ribbing and clean bone. He can be expected to improve fore udders, teats, and rumps.

Atlantic bulls have been re-classified and new classification scores are available. 15H219 Duke was raised 1 point to become EX-92. 15H253 Sidney and 15H277 Starmate jumped from the Good Plus category to the Very Good level, and 15H221 Mandate and 15H247 Foreman climbed higher in the Very Good category. Atlantic now houses 7 Excellent bulls and 35 Very Good bulls at their Lancaster barns.

# Atlantic

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