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 aquacutlure. 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 tilpia 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

Del. Extension shows how

calibration affects profits

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.

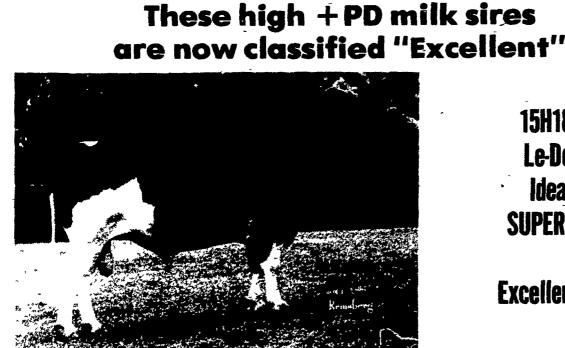
tastes of celebrity zoo residents, laboratory research subjects, or trout has earned more than 'chicken feed' for a once floundering feed company. The tale of Ziegler Brothers, Inc., from success to failure and back again, is one fish story you can believe.

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 seedto-soil contact for fast ger-

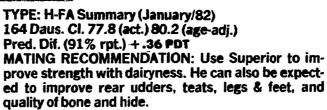
Planting was one of the first mination; and covering the seed for protection. Spraying herbicides can also be accomplished at the same time. Proper calibration of metering mechanisms is critical if a planter is to apply all these materials at the intended rates under varying conditions.

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.



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





15H276 Lovdal MAGNET Chief Falcon

15H180

Le-Del

Ideal

SUPERIOR

Excellent-90



- No Quantity too large

Excellent-90

PRODUCTION: USDA Summary (January/82) 18,258M 3.5% 637F 27 Daus. in 26 Herds Ave. 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.

Our Daily Holstein Selection Includes: 26 bulls with milk over +1,000M 34 bulls with value PD over +\$100 8 bulls with + PD for % test 23 bulls with at least 70% repeatability 22 bulls with + PD for type

BREEDERS CO

Member - NAL Affiliated Breeders Toll-Free 24 Hour Phones For Service: Lancaster Area 569-0411 Pennsylvania 800-732-0391 Del., Md. & N.J. 800-233-0216 Approved by Certified Semen Services

or too small

- Fast Unloading -Dump on Pile & Go
- Easy access 2.2 miles off 283 bypass-Manheim, Mt. Joy exit
- **Daily Receiving 7:30** A.M. to 5 P.M. - unloading evenings & Saturdays by appt.
- Trucks available for pick up at your farm.

Call Anytime For Price 717-665-4785 JAMES E. NOLL GRAIN