Adams County beekeepers

(Continued from Page A19)

proper humidity level by circulating air within the hive.

Bees have a number of enemies, Schroeder added, including the weather which can get too severe for them. In the winter, he explained, the bees cluster within the hive. "They actually form a chain, with the outer ones keeping the inner ones warm," he stated. At the center of the cluster the temperature is around 93 degrees, a temperature which must be maintained to raise young. Mice and skunks are two other enemies which beekeepers must contend with during the winter months, Schroeder added. Both rodents are capable of seriously damaging the hives.

Another enemy of the insects is disease. A goal of the Adams County group is to prevent disease through control and prevention methods, Schroeder said. He explained that American foulbrood and European foulbrood, two serious diseases which affect bees, are easily transmitted by robber bees from stronger colonies.

"They severely weaken the colony and in the advanced state of the disease, beekeepers are sometimes asked to destroy a colony to prevent the spread of the disease," he said.

Ironically, bees are needed in orchard growing areas to pollinate the fruit crop, but because of some spray materials being fatal to the bees, orchards are among the worst areas to keep bee hives, Schroeder said.

Orchard spraying has an adverse effect on the bees, although growers do not usually spray insecticides during the blossom period when bees are actively working the flowers. However, once the blossoms are off of the tree, the bees move to work the clover or other nectar bearing growth in the orchard. This is where the damage is done, Schroeder explained. He added that how and when sprays are applied can have a bearing on whether or not the bees will be affected by the spray.

Honey is not the only by-product produced by the bees. Pollen, which is high in protein, is obtained from the bees and is becoming a popular health food items. Propolis, used as a base for varnishes, is also produced. Beeswax which is removed from the cappings formed over the honey, is used extensively in the cosmetics industry and makes the finest candles. The wax is also used to build the foundation for the frames which are placed in the hives. Bee venom is also used to treat rheumatoid arthritis and in desensitizing people who suffer allergic reactions.

One colony of bees can produce 50 to 60 pounds of surplus honey in one year, according to Schroeder. A good amount of the honey produced locally is also sold in the Adams County area, he went on to say.

"Some beekeepers take their honey to market while others sell it locally," he added.

The last word in successful honey production is to have strong and healthy bee colonies, Schroeder stated. That is the aim of the Adams County association.





BEACON **KALF AD-LIB** Designed to duplicate Mother Nature.



Mother Nature knows that calves need a flexible feeding time. Now Beacon has developed an acidified milk replacer system that duplicates her way of nursing.

Designed for self-feeding calves, it's an all-milk formulation with a mix of 20% protein and 14% fat. You'll appreciate the ease with which it mixes in cold water and the fact that it stays fresh for 3 to 5 days. It reduces the risk of nutritional scours, and it lowers housing costs because it allows grouping up to 5 calves.

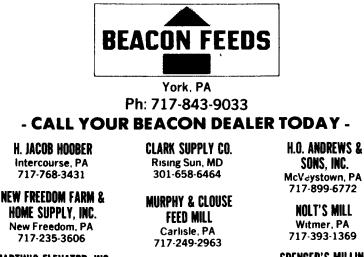
Your calves will respond to Kalf Ad-Lib with improved weight gains, feed conversion and calf "livability".

Amazing research results prove the merits of cold Kalf Ad-Lib feeding.

	Conventional Milk Replacer*	Beacon KALF AD-LIB*
No Calves	130	141
Mortality**	8	` 8
Birth	104 8 lbs	105 0 lbs
7 days	105 2	111 1
14 cays	107 0	123 3
21 days	112 2	138 1
28 days	119 6	153 6
35 days	129 8	161 7
Avg Daily Gain	71	1 62
Feed Conversion F/	G 2 24	1 51

*All Milk Formulas **Sale Barn Calves

See for yourself! Start 'em right! Ask your Beacon dealer or advisor for additional information.



MARTIN'S ELEVATOR, INC. Hagerstown, MD ROGER L. SANER

SPENCER'S MILLING

Dean Snook is shown above with the new Calumet 3750 gal tank

EQUIPMENT AVAILABLE...

- SPREADER TANKS 2250 Thru 6500 Gallons
- VACUUM TANKS 1500 Thru 4500 Gallons
- EARTHEN PIT PUMPS VERTICAL SHAFT PUMPS
- TRUCK MOUNT TANKS 2250 Thru 4500 Gallons

F. ERNEST SNOOK

RD 3 - Box 84, Mifflinburg, PA 17844 - Phone: 717-966-2736

"WE'RE HERE TO SERVE YOU"

Hagerstown, MD	RUULK L. JANER	SEKAIRE
301-733-2553	Thompsontown, PA	Clayton, DE 19938
	717-535-5307	302-653-8011
MCCRACKEN'S FEED		302 000 0011
MILL, INC.	STEVENS FEED MILL, INC.	NORTH GLADES FEED, INC
Manheim, PA	Stevens, PA	Keymar, MD
717-665-2186	215-267-2150	301-775-7981
/1/-003-2100	215-207-2150	301-77 3-7 301
RICHARD B. KENDIG	BYRON STUART	ISAAC K. LEFEVER
Special Accounts	Beacon Advisor	Beacon Advisor
Representative	717-792-9564	Phone 215-267-7042
Phone 302-478-3058	/1/-/92-9504	Filone 215-207-7042
Filline 302.470-3030		
R.E. RUDISILL	RAY BRANAS	WILLIAM R. KORMAN
Beacon Advisor	Beacon Advisor	Beacon Advisor
Phone 717-854-2281	717-843-4515	412-349-1829
* Holle / 17-034-2201	/1/-045-4515	412 343 1023
Beaco n <i>l</i>	Milling Comp	any, Inc.
		-
We're Employ	vee Owned. That's \	wny we snine.
•		