



Zita had a lifetime production of 108,990 pounds of milk, with a 5.1 percent fat and 3.9 percent lifetime protein. Scored Excellent at 94 points, she was once ranked number one Holstein for CTPI. She was also has records to 39,620 pounds of milk.

Play It Again, Zita

(Continued from Page A45)

Cows are not going to live forever and this is a way of preserving her for additional time. The calves are a carbon copy of what made Zita so good. The big thing now is keeping everything else the same," said Wiles.

Although Zita has five generations of family behind her, her older genetics are still valuable, maintains Wiles. "I don't know how much more I can improve on, it's just a family that is so consistent on type — they stamp it for generations."

When the sheep "Dolly" was first cloned, experts feared that the lambs would mature at the speed of their "old" DNA, as DNA strands break off at the ends with age. However subsequent studies have revealed that clones have an extension on their DNA which allows for more normal development.

Other applications of cloning may be for endangered species. Cyagra also assisted in the birth of a gaur ox calf which was car-

ried by a surrogate cow and born healthy.

A Royal Family

The Wiles bought the original Zita as an unborn choice of a flush from a Massachusetts farm. She was born April 27, 1991. "They called and said she had really long legs and was tremendously big and framey. We said we didn't even need to wait for the other two, we would take her," he said.

In 1993 Zita began calving and distinguishing herself among the Holstein breed. Of her first two daughters, Futurland Tesk Zanadu is the number one CTPI cow of the breed and Astar Zenith is the dam of the top bull in Canada for type.

Zanadu also has cells in the laboratory. She already has one confirmed pregnancy from a cloned embryo and the Wiles have another 15-20 transfers to make on her.

"It just keeps progressing," he said. Four generations, start-

ing with Zita, scored 89 points as 2-year-olds, which has never been accomplished before, believes Wiles.

Zita had a lifetime production of 1611 days of 108,990 pounds

of milk, with a 5.1 percent fat and 3.9 percent lifetime protein.

Scored Excellent at 94 points, she was once ranked number one Holstein for CTPI. In the fall of 1995 she ranked number

two, with two daughters, Zenith and Zanadu, following at numbers three and four CTPI. Currently 11 of the top 46 CTPI

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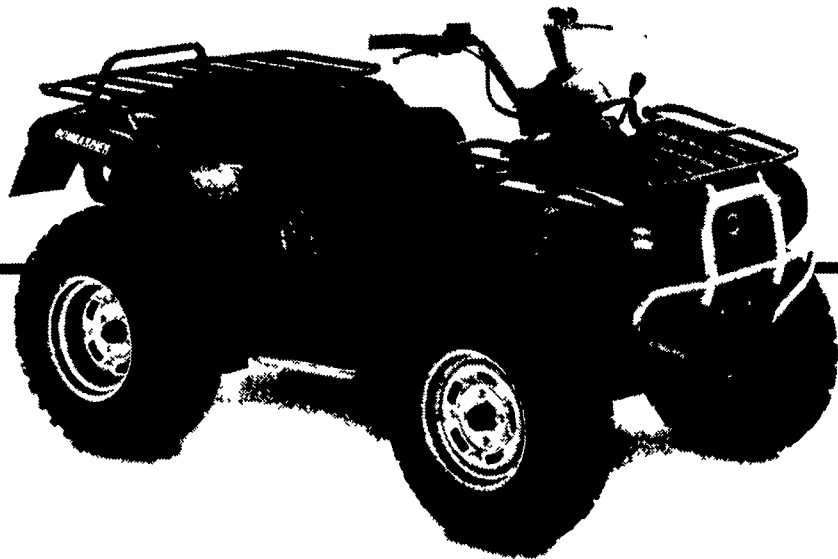
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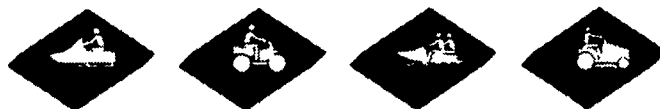
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CONGRATULATIONS!



Lapp's Barn Equipment held a Grand Prize Drawing at the annual Open House. Pictured above are this year's winners of \$1,500 toward the purchase of Jamesway parts:

Weaverline Holsteins Left to right: Jay & Miriam Weaver, Myerstown, PA. Arlyn Ebersole, herdsman; Shannon Gehman, maintenance; Burneil Haltzman, employee; Randall Martin, son.

Other Winners In Lapp's Drawing

| | | |
|-----------|-------------------|------------------------------|
| 1st Place | Stihl Weed Eater | Todd Kurtz Elverson |
| 2nd Place | Stihl Leaf Blower | David King, Jr. Gap |
| 3rd Place | Makita Drill Kit | Dwight Laco Clarks Summit |
| 4th Place | J-Star Jacket | Nathan King New Holland |



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