

Embryo transplants in cows explained

Mike Howell, substituting for Dr. Gaye E. Reynolds, extension veterinarian, Oregon State University, who was unable to address the annual Farm-City Luncheon and meeting here Saturday, explained to cattlemen the process of bovine embryo transplants.

This new concept, he said, is to obtain numerous offspring annually from genetically superior cows. The process combines the benefits of artificial insemination, with the possibility of including outstanding females in the race for the most desirable breeding stock regardless of breed. Production testing, feedlot performance and carcass quality have provided the needed information to identify the breeds.

The reasons for development of transplants are: exotic breeds cannot always be imported because of disease from foreign countries

(import restrictions); many offspring from one animal can achieve the 7-8 blood lines necessary for exotic breed registers; dairy herds can be improved faster; a lifetime of endeavor can now be achieved in a few years; research is improved by providing full sibs of the same age, a needed tool for genetic testing within a breed, and for research on nutrition and disease.

Slides were shown where surgery was performed on a 7-8 Limousin, valued in excess of \$10,000, at the Weiser Veterinary Hospital in Idaho.

Prior to surgery the animal is given a drug to induce super ovulation. The cow is bred three times by artificial insemination at 8-hour intervals. After five days, if all conditions are perfect, surgery is performed.

Strict aseptic surgery is maintained at a constant temperature of 80 degrees. The cow is given anesthesia, clipped and scrubbed, and an

incision made in front of the udder. The ovaries are exposed and flushed. The liquid is placed in an incubator and the glass searched for fertilized ova. From one to 12 ova have been obtained during one operation. Then the cow is sutured and placed in a padded recovery stall.

The recipient or incubator cow is examined and must be of the same state of estrus as the donor cow. For this reason several incubator cows must be available. A local anesthetic is given the incubator cow and a flank incision made on the side in which ovulation has taken place five days earlier. One fertilized ova is placed in the uterus and the incision closed. If the cow is pregnant at the end of 90 days, a charge of \$2,500 is made. There is no charge for non-pregnancies.

Some cows have produced eight live calves in one year, according to Howell. Following two such surgical operations it is advisable to allow the donor cows to carry one normal calf, he said.

There are six veterinary hospitals providing this type of service in the United States and Canada at this time.

As long as cattlemen feel select animals are worth in excess of \$10,000, Howell said, the practice of transferring ova is likely to expand.

Last rites for Condon woman, 60

Margaret L. Brickley, 60, late of Condon, died in Condon, Nov. 26. She had been a Condon resident for the past three years.

She was born in Monument on Aug. 1, 1914, the daughter of Fred Copper and Laura Gardner Copper, pioneer Monument area residents.

Graveside services were conducted Nov. 29, 11 a.m., at the Monument Cemetery, with Rev. Jack MacLeod officiating. Sweeney Mortuary was in charge of arrangements.

Survivors include a son, Allen Brickley, Portland; a daughter, Susan Brickley, Peoria, Ill.; a sister, Vera Ridgeway, Napa, Ca.; a brother, Wayne Copper, Lake Oswego; one grandchild and numerous nieces and nephews.

Kinzua

Mr. and Mrs. Dean Wright, Heppner, recently spent the weekend in Kinzua visiting her grandmother, Mrs. Hazel Jackson, and her uncle, Johnnie Jackson, and family.

Mr. and Mrs. Wayne Gollyhorn and sons of Salem spent the Thanksgiving holiday in Kinzua at the homes of his aunt, Hazel Jackson, and cousins, Mr. and Mrs. Johnnie Jackson, and family.

GRANDSON ARRIVES

The Bill Weatherfords have a grandson, Adam Justin Haberlach, born at Medford, Ore., Monday, Dec. 2. Mrs. Weatherford's son Bill telephoned to say that all was well with the mother and son. Bill Haberlach is an assistant district attorney in Jackson County. Mrs. Haberlach is the former Bette Stevenson of Yakima.

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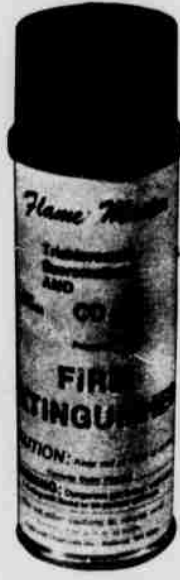
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NEWS FROM IONE

The Ione 4-H Merry Mixers Cooking Club met Nov. 19 at the home of their leader, Mrs. Lee Pettyjohn.

Club officers for 1974-75 were elected as follows: president, Janet McElligott; vice-president, Jan Peterson; secretary, Jeanie Piening; news reporter, Martha McElligott; and sergeant-at-arms, Dianne Morter. Junior club leaders are Carol McElligott, Terry McElligott and Laurie Childers.

Thanksgiving day guests at the home of Mr. and Mrs. Leo Crabtree were Mr. and Mrs. Emmert Myers, Salem; Mr. and Mrs. Ron Crabtree, Scott; Shannon and Tara; Mr. and Mrs. Wayne Quenell of Tacoma; Mrs. Carolyn McCabe and Jim, Moscow, Idaho; and a friend of Jim's, Guy Brown of Pullman, Wa.; and Kevin and Ashley McCabe, Ione.

Ione Schools will be dismissed at 1:30 p.m. on Wednesday, Dec. 11 for the district teacher-in-service. A district teacher-in-service is scheduled for a half day on Wednesday, Dec. 11. Ione School students will be dismissed at 1:30 p.m. Buses will run at 1:35 p.m.

Holiday guests at the home of Mr. and Mrs. Roy W. Lindstrom were their daughters, Christina, who is attending Pacific Lutheran University; Susan, San Francisco; Mrs. Lindstrom's mother, Mrs. Elmer Griffith, Ione; and Mr. and Mrs. Dwight Haugen and daughters, Nancy and Karen, of Lake Oswego.

Ione did it again!

Only one person picked the Gazette-Times Mystery Person last week. Mrs. Henry (Dorothy) Krebs of Ione correctly identified Grace Rose to win the weekly \$20 prize.

Mrs. Krebs found 8 clues out of the 9 hidden in the merchants' advertising, so next week's jackpot for getting all the clues will go to \$15.

The clues: a flower by any other name (Rose, is Grace's last name); nursery rhyme (Farmer in the Dell, of course); Dell was Grace's

maiden name); established 1879 (the year she was born); eulicia (Latin for quills, she makes 'em); brothers (John and James Logan, for whom Grace keeps house); Oct. 28 (1951—her birthday and age); Hynd Ranch (she worked there three years); short and slight (she's 4 ft. 10 inches, 80 lbs.); Halloween Angel (she loves to give treats to children on Halloween).

There's \$20 waiting for the person who identifies this week's Mystery Person—and an additional \$15 if the winner gets all the clues.

Where to look for clues:

Clues may be hidden in any ad in this section of 30 merchants whose ads are printed below. When an additional ad from one of these sponsoring merchants appears elsewhere in the paper, they too may have clues hidden in them.

Clues will be scattered. There may be from one to five in any ad—or none. This is a contest of skill, and we intend to do our best to outwit you! We invite you to do your best to outwit us.

Contest rules:

1. This is a family fun contest. One entry per person (a family of four could submit four entries). Anyone may enter unless a member of your family is employed by the merchant whose ad is heavily bordered this week (this applies ONLY during the week this ad is bordered). Employees of other sponsoring merchants are eligible.
2. Nothing to buy. Use any slip of paper for entry blank. It is not necessary to be present to win. It is not necessary to be a subscriber to the Gazette-Times to enter.
3. The Mystery Person may be anyone in Morrow County. Clues for his or her identity will be hidden only in ads for sponsoring merchants. If by coincidence the name of the Mystery Person (or other facts about him or her) happens to appear in news items, editorial matter or other places in this newspaper, these will not count as clues in this contest.
4. To enter, write down the name you think to be the Mystery Person. Add the total number of clues you can find in ALL the ads of sponsoring merchants in this issue. You

do not have to list all these clues, just give the total number of them. Don't forget to add your name and address. Then drop your entry in the box located at the sponsoring merchant whose ad is bordered with a dark border in the ads listed below in this issue.

5. There is no other place where entries will be accepted. Any member of the family may bring in all the entries for that family. Children under 12 must be accompanied by an adult.

6. This week's contest starts when you receive this issue and closes at 5 p.m. Friday of this week.

7. At that time (5 p.m., Friday) a drawing will be held at the store where entries have been received for this week's contest. The first entry drawn that correctly identifies the Mystery Person will win \$20 in cash. If that entry also lists the correct number of clues hidden in all ads of sponsoring merchants, a bonus of \$7.50 will be paid. Whenever this bonus is not won, it will be added to the following week's bonus, which will continue to grow until it is won.

8. Every precaution will be taken to prevent typographical errors that might be mistaken for clues, but errorless typography cannot be guaranteed—by anybody. The publisher of the Gazette-Times will be the judge in all questions and his decision is final.

Family participation gives you a better chance to win the jackpot. Your wife, husband or some bright-eyed youngster may spot a clue that you miss!

Think you can outwit the contest? You can't win if you don't enter.

KINZUA CORPORATION FOREST PRODUCTS for a GROWING AMERICA	COLUMBIA BASIN ELECTRIC CO-OP Serving Morrow, Wheeler and Gilliam Counties	WAGON WHEEL Try dining with us. There's a real friendly difference. HEPPNER	Murrays Rexall ON THE MAIN CORNER ★ DRUGS ★ YOUR HOMETOWN PHARMACY	Mobil LEONARD'S Mobil Service Where service is not old-fashioned
BANK OF Eastern Oregon YOUR HOMETOWN BANK Pre-dates Carl Spaulding	TO 167 NORTH MAIN COAST TO COAST STORES ... total hardware	Bristow's MARKET QUALITY FOODS IONE	HEPPNER AUTO PARTS Your Home-owned Auto Parts Slightly ruplicious Mr. Chairman	Rietmann's HARDWARE AND IMPLEMENTS "Your Family Hardware" IONE, OREGON 97843
Peterson's JEWELERS Established 1928	Farley Motor Co. THE CLOSER YOU LOOK, THE BETTER WE LOOK FORD	MORROW COUNTY GRAIN GROWERS INC. FARMER OWNED AND CONTROLLED LEXINGTON, OREGON Serving Morrow County	Heppner Nor-Gas Tanks Appliances RV Equipment HEPPNER	GONTY'S "SHOES FOR ALL" RED WING Heppner Oregon HEADIN' FOR
Miles Tire Service We'd like to know you better	Court Street Market We smile a lot! Try us. HEPPNER	ELMA'S Apparel Fashions for the Ladies Flower Shop	Central MARKET Where Service is a Pleasure	DEAN'S 2ND HAND OLDIES but GOODIES Come in and Browse
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Jess Mason Licensed Real Estate Broker for FARM AND HOME SERVICE Ed Hunt, Salesman 989-8452				