

Shared custody topic of April 24 meeting at Center

by Norma L. Simpson
Families in Warm Springs are invited to attend a FREE special meeting Monday evening April 24 from 7 to 9 p.m. at the Social Hall of the Community Center. After numerous requests from Spilyay readers who saw the January article about Shared Custody: Increasing Benefits and Reducing Strains, OSU Extension planned the event to bring two OSU-Extension specialists who share your concern for children and the new family order.

Tribal Judge Walter Langnese III will open

the event, looking at the unique situation in Warm Springs.

Langnese's opening will be followed by Sue Doescher, the Child Development and Parent Education Specialist who highlights the children's adjustment as families are reorganizing family life. She will look at three key factors essential to children's positive adjustment following divorce; cooperative parenting; two-home parenting; and ways to keep the best interest of the children as they grow up.

OSU-Extension family economics spe-

cialist, Alice Mill Morrow, will talk about more equitable division of time and effort of parenting. She will go into the cost of raising a child throughout the year, and the value of duplicating some items when children spend equal amounts of time with each parent. She will highlight some of the legislative proposals related to taking responsibility for children that we bring into the world.

This is the first in a series of topics related to Children and Divorce. Tentative plans are underway for a meeting about CASA, the Court Appointed Special Advocates program for Children which has started in Jefferson County; Children and their heritage in Bicultural Families: Step-Families; and Grandparents and Grandchildren.

During the first meeting, we will ask family members to make suggestions for other programs in the series through 1995. We want to make this series as valuable as possible to serve families in Warm Springs. Your suggestions will be very useful.

Read the next Spilyay for more details and listen KWSO for more news and interviews about the series.

Home businesses to be discussed

by Norma L. Simpson
Several people from Warm Springs have been involved in the OSU training program about business skills for people involved in home sewing as a business. This year there will be an update to keep sharpening their skills. The joy is that you did not need to take the previous training to benefit from the one day workshop held in Corvallis June 12, the day before the Mini-College will be held on the OSU campus.

Six speakers will be involved. Gordon Hjelseth own the Northwest Industrial Machines which specializes in sewing machines and sergers for small business. He will be demonstrating the latest computerized industrial machines. There will be an opportunity to sew on a number of the machines.

Linda Wisner, owner of Wisner Associates will share her knowledge of advertising, marketing and design, with many if her customers being in sewing related businesses.

Darlene Miller is owner of "Clothes for You." She is the author of *Your Shape, Your Clothes and You*, and a popular speaker during the September 1994 Sewing Fair in Portland.

Catherine Stephenson is the officer of the Portland Chapter of Professional Association of Custom Clothiers. Her business focuses on

elegant evening wear and bridal gowns. When will focus on finishing touches that give a professional look that command a higher price.

Leslie Burns and Cheryl Jordon of the OSU College of Home Economics Apparel, Interiors, Housing and Merchandising Department will share their knowledge of market analysis, impact of different types of textiles and their appeal to customers and retail merchandising skills.

Shared custody meeting scheduled

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essential to children's positive adjustment following divorce; cooperative parenting; two-home parenting; and ways to keep the best interest of the children as they grow up.

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Agent leaving Warm Springs

by Timothy Wojtusik
Final Days
After having the privilege of working at Warm Springs for two years I am sad to announce that I will be leaving. The job of Agriculture / Natural Resources Extension Agent here on the Reservation has been a challenging one but tremendously educational and fulfilling for me. I consider myself very lucky to have had this opportunity.

The Warm Springs Reservation is a beautiful place of diverse landscapes and natural wealth but its greatest asset, by far, is its people. I hope that I have served this community well and owe a debt of gratitude to the people here who accepted me and helped me to learn. You know who you are and I appreciate everything that you have done for me. I would like to extend a special thanks to the folks at the Senior Center and the teachers and students of Warm Springs Elementary. Interaction with you all was more gratifying than I can express.

This changing world holds many uncertainties for people and natural resources but I believe that the values that the people of Warm Springs have for water, the earth, and all that springs from them will provide a proper course. Thank you all again for all that you have shared with me.

Hints help home gardeners get a good start on planting

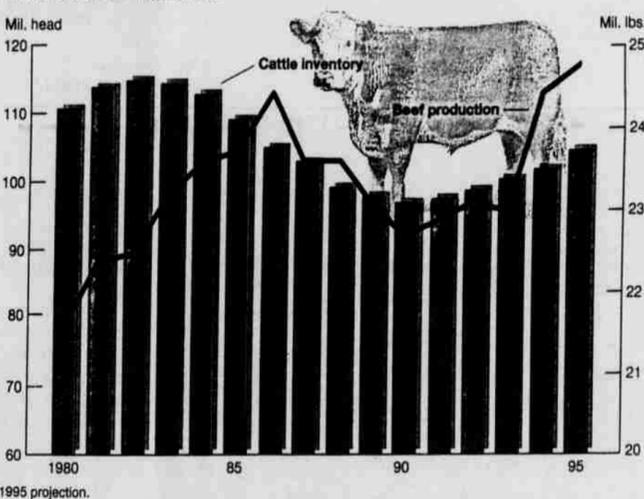
Most home gardeners buy flower and vegetable starts each spring. Ray McNeilan, Oregon State University home horticulture agent, has some tips to help select good plant starts from your local garden shop or nursery:

- Look for sturdy, compact plants. Lanky starts don't transplant well and may indicate overcrowded or weak plants.
- Examine the leaves. Are they pale or yellow? Don't buy them.
- Turn over the pots or six packs and look for roots barely sticking out of the holes, a sign of vigor. If they are profuse, the plant is probably pot-bound. If there are no visible roots, the plant's root system is probably not well developed.
- Check both sides of the leaves for aphids or other pests.
- Buy the deepest green colored plants in the bunch.
- Select perennial plants with the fewest flowers; profuse flower set is sometimes a sign of stress. With annuals, buy plants with many buds.
- Choose transplants grown in larger pots - the larger the pot the start is growing in the more likely it will survive the transplanting process.
- Buy "sixpack" containers with separate

sections for each of the six young plants, rather than six plants all in one small container.

- Once purchased, keep starts out of direct sun and wind. Keep moist and plant as soon as possible.

Beef Production Hits Record



Ag commodities reach record

The sale of agricultural commodities in Oregon reached a record \$3 billion in 1994. Leading commodities were farm forestry, \$521 million; cattle and calves, \$386 million; nursery crops, \$269 million. Top in sales were Marion County, \$387 million; Clackamas County, \$222 million; Umatilla County, \$212 million.

Agricultural employment, which averaged about 35,000 in the 1970's, has edged upward to about 38,000 in the 1990's.

Cattle numbers are up

by Bob Pawelek
Large beef supplies are in the long-term outlook, despite downward revisions to inventory numbers for 1989-94.

Annual cattle inventories were revised downward to 2.5 million head, chiefly because of lower estimates now of the cow herd starting in 1987. Cattle numbers at the beginning of 1995 were up 2 percent from a year earlier, reflecting continued modest herd expansion.

As a result, prices will likely remain modest for the next month.

Now is the time to control weeds

As a result of the excellent winter precipitation, an explosion of noxious weeds can be seen everywhere, even by the untrained eye.

Many noxious weeds look completely harmless in their present stage of development. However, wait too long and it will be too late to do anything about them. A rule of thumb for identifying most weeds is, as in the case of the common dandelion, a broadleaved "rosette" laying prostrate against the ground.

Already, even in their youthful state, these weeds are doing damage to your lawn or your horse pasture.

Most lawn weeds can be controlled now with a shot of 2,4-D in proper amounts. If you intend to spray a newly seeded lawn, wait until the grass has at least four leaves. On established lawns, do it now.

On small lawns with meager infestations, a pitcher of boiling water applied directly on the targeted plant will often work quite well. It's healthier for the environment, too.

Common weeds such as Scotch thistle, purple mustard, puncturevine and kochia are well on their way to their flowering stages. The ideal time to control these monsters is before they produce flowers.

Once in the flower stage, control becomes increasingly difficult. After flowers go to seed, it is no longer any use.

Happy Easter to one and all from the OSU Extension Staff

Stockman's Roundup: Cattle breeds plentiful



by Bob Pawelek
OSU Livestock Agent
The "B" Breeds

In my last column, we examined the differences between breeds of cattle and their qualities. This week we continue with a look at breeds that begin with the letter "B".

Beefmaster
In the early 1930's, South Texas cattleman Tom Lasater began crossing Brahman, Hereford and Shorthorn in an effort to develop profitable beef animals capable of handling the Brush Country's range and climate. Lasater did a good job of matching cattle to the environment. Beefmaster cattle are dominantly red, but can range from black to white, striped, spotted and painted. Color is disregarded in selection.

The majority are horned, although a few are naturally polled. They are good milk producers under range conditions, heavy weaning and mature weights.

In order that each Beefmaster may be per-

manently identified with the breeder thereof, the breeder must use a prefix name such as "Jones Beefmaster," "Smith Beefmaster," etc., to designate his cattle. Thus, in a unique way, the responsibility for the continued improvement of the breed is placed squarely upon the individual breeder.

Belted Galloway
First imported to the U.S. in 1948, the Belted Galloway originated in Scotland; in the southwestern district of Galloway.

The breed is black with a brownish tinge, or dun; with a white belt completely encircling the body between the shoulders and the hooks. The belt is striking, especially if you've never seen the breed before.

Belted Galloways are polled with a heavy coat of hair. The breed is somewhat rare especially in the West. There are a few examples of the breed out between Terrebonne and Redmond. Take NW Canal Road off Highway 97 and a left on King. They hang out on the old place west of the railroad tracks.

Belgian Blue
The Belgian Blue breed of beef cattle is relatively new to the United States. Breeding and development was originally conducted in Belgium by Professor Hanset at the A.I. Center in the Province of Liege. In the late fifties, a debate arose among the breeders, the question being whether to maintain the dual-purpose type as it was or to select for more muscling. The muscling prevailed.

The Blue is a large sized animal with rounded outline and prominent muscles. The color can be white, blue roan or sometimes black. The breed is known for its quiet temperament. Beef of the Belgian Blue cooks faster than regular beef due to the extremely low fat content.

Blonde d' Aquitaine
In 1961 in Southwest France, three French strains of similar background-Garonne, Quercy, and Pyreneene- were combined.

Blondes, as their name suggests, are yellow, fawn or wheat colored. The breed is relatively fine-boned. There is little calving difficulty, due to the width and shape of the pelvis.

In France, Blonde d' Aquitaine are usually performance and progeny tested. Generally, the top third of the bulls in a performance test are subsequently progeny tested.

Brahman
Long, drooping ears and a prominent hump over the shoulders represent the distinct features of the Brahman.

Having originated in India, a distinct American breed has been developed through crossings of several Indian types, probably with a small infusion of European breeding. Gray or red is the preferred color. There may be a gradual blending of the two. However, there are black, brown, white and spotted Brahman.

Brahman bulls are good on first calf heifers, although in the Northwest, any show of "ear" will be docked at the sale. The breed is well adapted to hot, insect-infested areas, and to sparse vegetation. Brahman cows are extremely protective mothers. When Brahman blood is diluted to between one-eighth and a sixteenth, crossbreeds are considerably resistant to pinkeye and other common maladies.

A purebred Brahman possesses a voice that resembles a grunt, kind of like a bear.

The Brahman breed enjoys a good and growing market, both domestically and abroad.

Braford
Approximately 5/8 Hereford and 3/8 Brahman. Originated on Adams Ranches at Fort Pierce, Florida about 1948. Animals are red or brindle, with white markings on the head. Stunning tiger-striped colorations are common. The breed is short haired, heat tolerant with only a slight hump. It possesses all the superior qualities of both breeds.

Brangus

Beginning in 1942, Frank Buttram crossed Brahman and Angus on his Clear Creek Ranch in Oklahoma. The Brangus breed is black and polled. Red Brangus are a breed unto themselves and are, of course, red. All Brangus cattle have a slight crest over the neck with a smooth, sleek coat.

The breed performs well in the feedlot, as does Braford.

Crossbreeding became popular in the United States in response to the problems that individual breeds possessed. This is the reason for so many crosses with Brahman, which is a distinct species, *Bos indicus*, whereas Angus and Hereford type cattle are *Bos taurus*.

Next issue: Charolais and its crosses

Equine "AIDS" identified in horses

by Bob Pawelek
A genetic disorder of Arabian horses called Equine combined immunodeficiency in an inherited disease that kills foals.

CID is found in the Arabian breed and perhaps 30% of Arabian horses in North America are carriers of the CID gene, which causes foals to be born without the ability to resist infections.

Dr. Loren Skow, Texas A&M University, recently completed a study attempting to locate DNA markers that identify CID carrier horses. CID is very similar to the same disorder found in mice. Therefore, based on a map of the mouse gene, Dr. Skow designed an experiment to test whether the equine CID gene was linked to the same genetic region

as mouse scid. A genomic library was constructed from the DNA of a CID carrier stallion and 18 clones were isolated for analysis.

Three DNA markers were produced for this region of the horse genome. None of the markers, however, were linked to CID. Skow concludes that the CID gene in horses is located elsewhere in the genome.

The information in this study is significant because very few DNA markers are available for use in horses. The markers developed in this study will enhance future genetic study in horses.

This study was funded by Arabian horse interests and sponsored by the Morris Animal Foundation.



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The above individuals are devoted to extending research-based information from Oregon State University to the people of Warm Springs in Agriculture, Home Economics, 4-H Youth, Forestry, Community Development, Energy and Extension Sea Grant programs. Oregon State University, United States Department of Agriculture, Jefferson County and the Confederated Tribes of Warm Springs cooperating. The Extension Service offers its programs and materials equally to all people.

EDUCATION THAT WORKS FOR YOU

New club now off the ground

A new 4-H club is off the ground.

Laura Fuentes and Angie Orchard, Warm Springs Elementary School teachers, are leading the club.

The new club, so new in fact it does not yet have a name, is meeting regularly for the purpose of teaching the children to care for livestock.

The kids hope to show their hogs at the Jefferson County Livestock Show in July.

