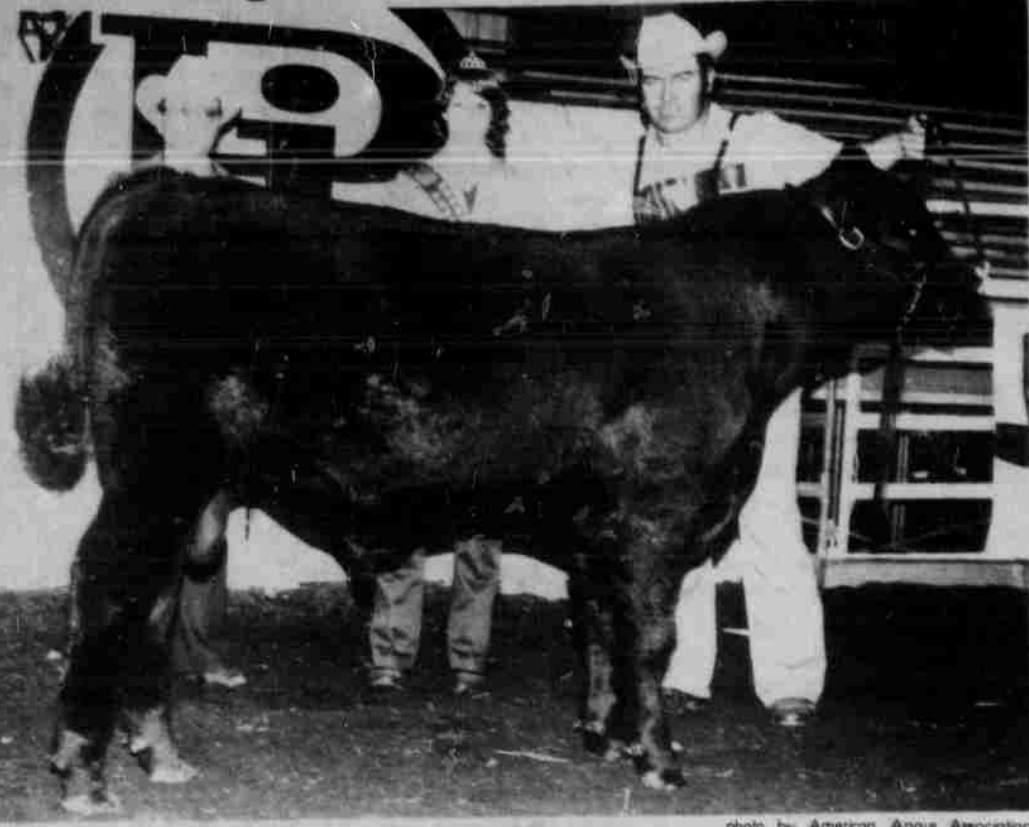
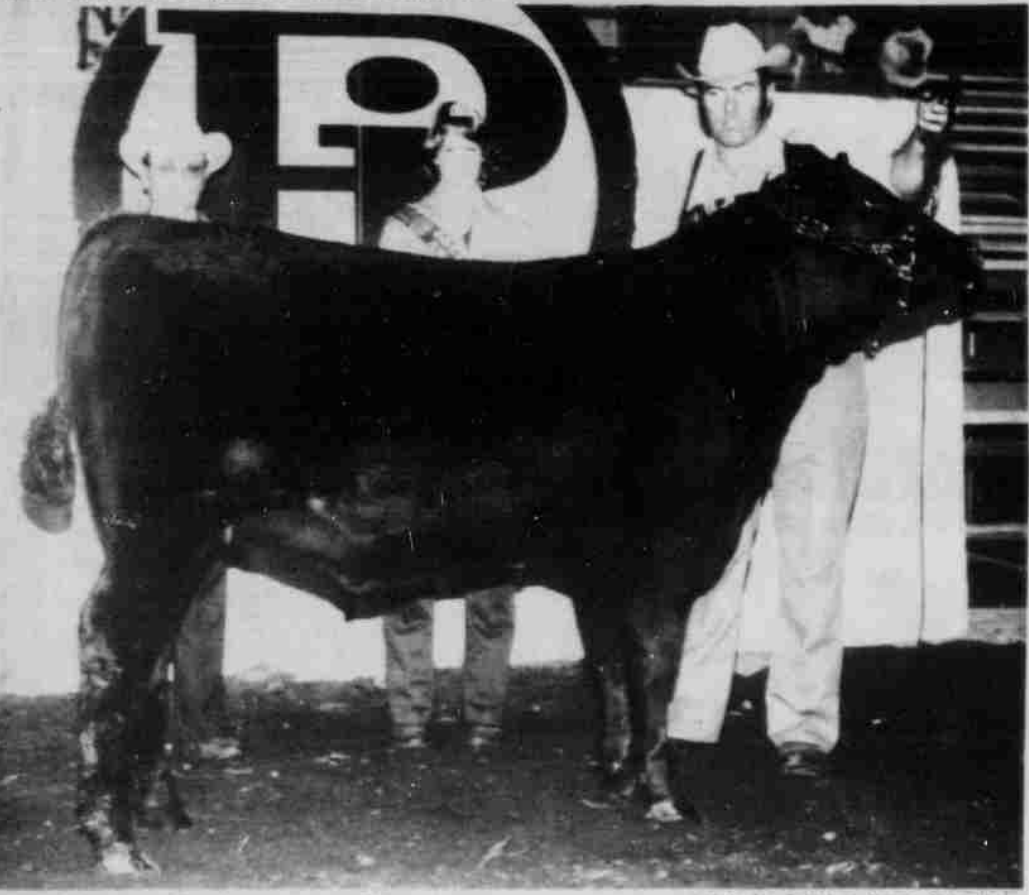


Grieb Angus takes awards at P.I.



Griebs Ten 1202 stands as the reserve senior Angus bull calf champ at the Pacific International Livestock Exposition in Portland, for owner Grieb Angus of Lexington. Gary Grieb is shown at right.



Grieb Angus of Lexington, owns this reserve senior Angus heifer calf Grieb Klassy Kim 1842. She won this title at the Pacific International Livestock Exposition in Portland. Gary Grieb is shown at right.

Angus breeders from across the northwestern United States brought 133 bulls and females to the Pacific International Livestock Exposition in Portland to make it the largest show in that area this year, said the American Angus Association. Grieb Angus of Lexington took several awards at the exposition. Calvin Drake, Kansas State University, Manhattan, slapped junior titlist, S-2 Iron 1961 as the grand champion bull. He is owned by S-2 Angus, Point Reyes Station, California. Two breeders from Washington, Bernard Hambleton of Rockport and William and Jessie Lewis of Arlington exhibited the reserve grand bull GVR Search Warrant. He first filled the senior position.

Fleetwood Blackcap 5131 was directed to the female winners' circle for Felicia Angus Ranch, Snelling, California this heifer had also been named junior winner. Reserve honors went to the junior heifer calf champion, 4S Long Term Beauty. She is owned by Four Sum Cattle Co., Cave Junction.

Felicia Angus and Creek View Angus Rnch, Snelling, California, grouped four Sir Wms Warrant progeny together to win the get class, while junior get honors went to Thomas Big Shot calves, exhibited by Shasky Angus of Haines, and Bill Cox of Hermiton. S-2 Angus led the best six head.

KC Shogun K22 80 claimed reserve senior bull honors for Lisa Ann Coleman of Turner and Felicia Angus Ranch showed the reserve junior bull ALC Watchword. Intermediate bull was Warrants Grand Marshall. He is owned by Creek View Angus and Katherine Bollman, Pulkaski, Iowa. Foote Acres Angus of Melba, Idaho exhibited the reserve intermediate bull, Foote Acres Magic, and senior bull calf, Foote Acres Blackjack.

Grieb's Ten 1202 won reserve senior bull calf title for owner Grieb Angus of Lexington. Bill Cox had junior bull calf champ, Cox Big Shot M68 and reserve went to Shandar Arrest, owned by Shandar Angus Ranch, Payson, Utah. Finishing out the female

line-up was reserve junior Foote Acres' Barbara 77N, owned by Foote Acres Angus; intermediate Knapp Blackcap Patriot 40K1, John Knapp of Sandy, exhibitor; reserve intermediate Warrants Wind-song, Creek View Angus; senior heifer calf Advance Lady 301, Ronald Taber, Olympia, Washington, owner; reserve senior heifer calf Grieb Klassy Kim 1842, Grieb Angus; and reserve junior heifer calf Hafner Hi Girl, Wesley and Juanita Haffner, Eugene, owners.

Straw-burning furnace studied at OSU

Researchers at Oregon State University think they've found a way to make burning grass seed straw a paying proposition. By burning it in a specially designed heating furnace, the OSU scientists hope to convert straw from a field burning nuisance into a valuable fuel resource for home-heating, the university reported.

The straw burning furnace development project has been underway at OSU for the past two years, headed by Dale Kirk, OSU professor of agricultural engineering. He says grass seed straw is worth developing into a fuel resource for two reasons.

First, the straw is abundant in the Willamette Valley, and second, if it can be burned efficiently, the straw is cheaper per BTU, than any other home heating fuel now in use, including wood, coal, oil, gas and electricity.

"The project was initially begun to find an alternative to heating homes with energy sources that have been increasing in price rapidly in recent years," said Kirk. "All fossil fuels have gone up in cost as well as gas and electricity. As more people have turned to wood as a renewable source of heating fuel, accessibility to forests has become more difficult and wood harvesting permits harder to obtain."

The thousands of tons of grass seed straw, which is renewed in quantity every year, lying in fields all over the Willamette Valley might provide a solution to the high cost of fuels problem, said Kirk.

Once it is fully developed, Kirk believes any homeowner will be able to make beneficial use of the furnace if he or she has easy access to the straw fuel source and an inexpensive way to store large quantities of the straw. Kirk estimates 7-10 tons of the straw would be required per year to heat an average home.

One feature of the furnace is its use of water to transfer the heat into the home.

"This is sort of a throwback to the old radiator systems used to heat large buildings earlier in this century," said Kirk. "We've gone back to this process with the straw-burning furnace because we needed a way to keep the temperature of the heating source constant. By transferring the heat to the water, which is then piped into the home and circulated through heating coils placed in the

rooms, this can be accomplished."

Kirk said the furnace would be located outside the house, reducing clutter inside the home and the possibility of any fire hazard.

Kirk stresses that should heating with straw prove feasible, it won't eliminate the field burning problem but may ease it a bit.

"Some field burning could

probably be done regardless of other uses for the straw because growers must sanitize the fields at the end of each season and fire is the cheapest and most efficient way they have to do this," he said.

Regarding the savings of using straw for heat, Kirk said that if the straw can be purchased and transported for \$35 a ton, the homeowner

might save from one-third to two-thirds of what it would cost to heat with wood, natural gas, oil or electricity.

Prototypes of the furnace are now being tested in homes this fall and winter and if successful, Kirk says the OSU department of agricultural engineering would have plans for building the furnace ready to release next summer.

Handbook available for timber owners

The U.S. Department of Agriculture has issued a new handbook on "The Timber Owner and His Federal Income Tax" that incorporates recent changes in income tax laws related to forest land, the Forest Service has announced.

Designed as a guide for the small or large timberland owner, the 75-page booklet will be of help also to consulting foresters, extension and state service foresters, bankers,

accountants, attorneys and others involved in income tax matters.

A clearer understanding of income tax procedures may be financially beneficial and encourage better forest management. "It is hoped that savings from correct reporting of timberland receipts and expenditures will act as an incentive for people to grow more timber, to protect it and to use it wisely," said Jeff M. Simon, regional forester.

How should you report timber sale receipts and expenditures? Can you claim a deduction when your timber is damaged or destroyed by fire or windstorm? These and other questions are answered in the handbook.

The handbook (number 596) is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, for \$4.75 per copy.

New 4-H club to begin

By BIRDINE TULLIS
Program Assistant
OSU Extension Service

Exciting plans for a new 4-H club have been announced this week by Lee Calvert and Kay Chinen, both of Heppner. Both women are teachers in Heppner, and promise a lot of learning activities and events for 4-H'ers interested in joining their new 4-H club. Emphasis of the club will be photography and woodwork

ing, with foods, presentations, parliamentary procedure and other experiences mixed in. Ready to take members names right now, they may be contacted by interested students at school.

They plan a "kick off" party for the club as soon as they have names of members. Regular meetings will be held every other week.

Mrs. Calvert is a former 4-H'er, having been a member for 10 years in Iowa, as well as a leader for two years. She

recalls the excitement of attending state and national 4-H events as an older 4-H member.

Ms. Chinen is a special education teacher who works with youth of all ages.

The two eager, enthusiastic new leaders will accept members in fourth through 12th grades. Those interested may call the extension office, 676-9642, or contact either teacher at Heppner Elementary school.

'South Pacific' to open at BMCC

"South Pacific" will open the College-Community Theatre's 1982-83 season Thursday, Nov. 11, in the Pioneer Hall Theatre at Blue Mountain Community College.

The popular Rodgers and Hammerstein musical will run through November 18, with the exception of November 16. The Sunday performance will begin at 3 p.m. Curtain time for all evening performances is 8 p.m., announced a college spokesperson.

Musical highlights from "South Pacific" include: "Some Enchanted Evening," "Nothing Like a Dame," "Bali Hai" and "I'm in Love." Reserve tickets are available to the public by writing to Blue Mountain Community

College in care of the College-Community Theatre, P.O. Box 100, Pendleton, Oregon 97801. Admission prices are \$4 for adults and \$2 for students and senior citizens. BMCC students and holders of BMCC's Golden Age cards may send their card numbers in with their ticket request and receive a free seat.

The musical, set in Polynesia, is directed by Bob Clapp and Dave Miller.

Winter term, the CCT will be presenting "See How They Run," a comedy, set in England, to be directed by Bill Manny. Production dates have been set for Feb. 25, 26, 27 and March 3, 4, and 5, 1983.

Spring term, Bob Hirsch will direct "The Play's The Thing," a satire of the world of



A swordfish can swim a mile in less than a minute.

SCHOOL LUNCH MENU

Heppner Elementary School
Thursday, Nov. 11 - Veteran's Day, no school.

Friday, Nov. 12 - Conferences, no school!
Monday, Nov. 15 - sloppy Joe with bun, relish plate, hot vegetable, fruit and milk.
Tuesday, Nov. 16 - meat pie, cole slaw, cheese sticks, fruit and milk.

Wednesday, Nov. 17 - soup, sandwich, salad, sauce and milk.

Ione Schools
Thursday, Nov. 11 - Veteran's Day, no school.

Friday, Nov. 12 - tomato soup, grilled cheese sandwiches, crackers, dessert and milk.

Monday, Nov. 15 - burritos, buttered corn, cheese sticks, dessert and milk.

Tuesday, Nov. 16 - hot pork sandwiches, buttered carrots, celery sticks, applesauce and milk.

Wednesday, Nov. 17 - corn dogs, carrot sticks, buttered peas, dessert and milk.

VIDEO SALE
Nov. 8-14
Video Arcade Console
Reg 149⁹⁹ \$114⁹⁹
Video Arcade II
Reg 189⁹⁹ \$139⁹⁹
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Thank You
I wish to thank
all those citizens who
gave me their support and
help in the general election.
Irv Rauch

PINOCHLE PARTY

Sat. Nov. 20 8p.m. at the
Lexington Grange Hall
PRIZES AND REFRESHMENTS
EVERYONE IS WELCOME
\$1.50 per person
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Grain Growers INC.

**Wheat Growers League
Fall Meeting**
Heppner Elks Lodge
Friday, Nov. 12
Lunch 12 Noon
Meetings Begin at 1p.m.
Social Hour 5:30p.m.
Dinner 6:30p.m.
Harold Kerr
Dinner Speaker

Wheat Growers will sponsor a portion
of meal to keep cost to
\$3⁰⁰ per Plate

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