

## County Agent Reports

### Farm News Briefed From The County Agent Radio Programs

By RAY O. PETERSON  
County Extension Agent

Stillbestrol hormone implanted under the skin of the ear of yearling and older steers on good pasture will result in an extra 40 pounds of gain during the season.

Oregon State College trials conducted last summer show that steers on pasture gained an extra one fourth to one half pound per day when implanted with 18 to 24 milligrams of stillbestrol. Trials conducted in Klamath County two years ago gave similar results. Yearling steers treated with the hormone gained 43 pounds more in 119 days than untreated cattle grazing with the treated animals. In another test treated two-year-old steers gained an extra 40 pounds in about 80 days.

Many stockmen have hesitated to use the drug because of undesirable side effects. Recent experiments indicate that lighter of 18 to 24 milligrams per head reduced these effects from the 30 to 36 milligrams most commonly used in the past and give just as good a boost in gains.

The assumption that cattle treated with stillbestrol on pasture would not make satisfactory gains in the feed lot did not prove to be true in the Oregon State College trials. They found that steers treated on pasture and treated again in the feed lot gained one pound more than steers treated for the first time as they were placed in the feed lot. The re-implanted steers also gained 20 pounds more than those that were implanted on pasture but not given a second treatment in the feed lot. The feed lot period was 70

days and the treated animals were given 30 milligrams as they went into the feed lot. The college believes that at least 75 days should elapse between treatments.

In these trials, animals treated both on pasture and in the feed lot gained 46 pounds more than those treated only in the feed lot.

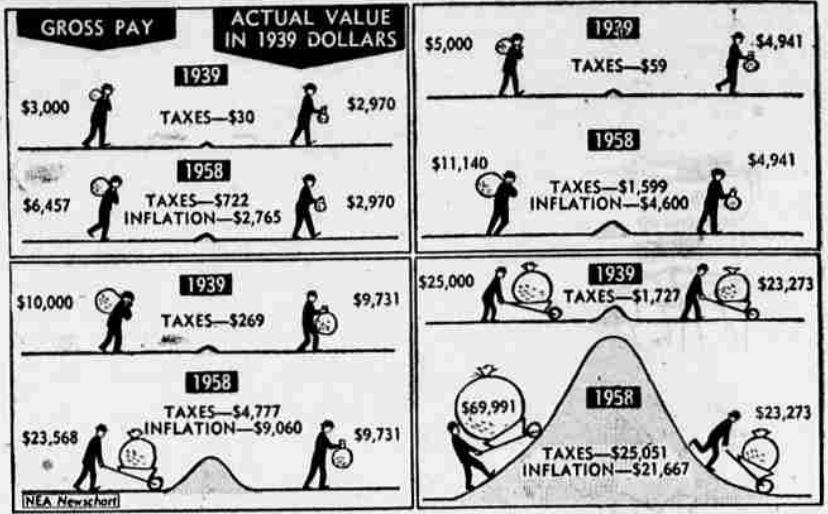
Grass production on most of our dry range pasture lands can be greatly increased by removing sage and rabbit brush or by re-seeding with adapted grasses.

Sage and rabbit brush requires moisture, plant food and space needed by grasses to make maximum growth. Since livestock utilize the grasses and leave the sage, these plants have all the advantage so continue to grow and spread thus continually reducing the forage production on our ranges.

Sage brush can be removed by spraying with butylester of 2,4,D at the rate of one to one and one half pounds active ingredient per acre for areas with big sage brush only or three pounds per acre where rabbit brush is prevalent. Timing of spraying is very important. Sage brush can be most effectively killed between the time sandbergs blue grass first starts heading and the time this grass has lost half its green color.

Rabbit brush must have three inches of new growth before a satisfactory kill can be secured from spraying. Where there are both rabbit brush and sage brush timing of sprays should be done when the rabbit brush growth is right.

The county agents office is planning a brush spraying trial and should have more accurate data for another year.



## Greece In Colour

### THE GREEK EXPERIENCE.

By C. M. Bowra, 64 pages of photographs. World. \$6. **GREECE IN COLOUR.** Introduction by Lord Kinross, text by C. Kerényi, 57 photographs by R. G. Hoegler. McGraw-Hill. \$20. **ASIA MINOR.** Introduction by Maxim Osward, 168 photographs. Morrow. \$10.

"A belief in the special worth of man," says Bowra in the first of these books, was the key to the magnificent civilization of the Greeks, the incomparable trail-blazers to the western world.

"The other two books are mainly pictures. They show eastern Mediterranean lands in their lasting and their transient aspects: The brilliant light, the dazzling blue sky and sea, and the splendid sharp architectural profile; the tumbled pillar, the weathered marble, the mosaic and the figured vase; and the peasant plowman, the fisherman mending nets, the camel driver and cobbler. They begin in antiquity and come down to our time.

Bowra considers specifically the precise four to five centuries and the precise place which provide a background for much of the others: Greece from Homer to the fall of Athens in 404 B.C. He defines and judges the Greek essence, the character, the "experience" in terms of not only philosophy, poetry and sculpture, but also law, religion,

science and politics.

Their land was a challenge, beautiful, but by no means a soft mother nature, stingily yielding only a sparse livelihood. Its chief quality is its light—and here lies the emphasis in "Greece in Colour," where the brief text summons such eloquent witnesses as Holderlein, Rilke, Goethe, Burckhardt and Hofmannsthal.

The Greeks were first to open many paths to knowledge; they pioneered in astronomy, trigonometry, anthropology, and knew about an atom, if not the atom. Above all they believed in deeds as well as words; they trusted their emotions as well as their minds; they got the most out of, and put the most into, life on earth with little worry about a hereafter. Immersing us in the great ancient land, Bowra makes the "Greek experience" a vivid, enthralling experience for us, too.

"Greece in Colour" is the Greece to be seen today, the people, the olive, the ruined temple set in lonely splendor on some promontory. "Asia Minor" is a rich mixture of Hittite, Roman, Christian, Saracen, Turk and, particularly along the Aegean, Greek.

During the historic Berlin airlift, Allied planes ferried 2,325,500 tons of food and fuel to the city.



## You May Have Tube Steak

CINCINNATI — Say you're making the first rocket trip to the moon.

It's your first night out and you're hungry. You'd like a good meal. Steak, say, and some apple pie for dessert.

You can have them. But you'll squeeze the steak out of a toothpaste tube.

You'll sip the apple pie through a straw.

And you'll have to keep a gas-trometric eye on colored pictures to remind you what food looks like on earth.

"Aboard a space ship, every pound of cargo is significant," says foundation director G. F. Garnatz. "Food will have to be as light and compact as possible."

It will have to be mashed, packed in tubes or cans and fed to space travelers under pressure. After all, there won't be any gravity to keep it on the spoons.

But what about the tantalizing food pictures?

A study of long-range bomber crews during World War II showed that good nutrition can be provided in compact form.

"But," says Garnatz, "if you don't put in some eye appeal, the individual is not going to have the will to eat."

## Outdoor Notes

By Jim O'Donahue



### NATURE'S BALANCE

In His infinite wisdom, the Supreme Creator has apparently tied together in an unbroken line all the creatures and resources of nature. If you examine closely the tiny lichen as it cracks away the surface of hardest rock, and then continue to search, it becomes apparent that the tall, forest trees exist on rich soil because of the inexorable effort of the lichen.

The link between the tiny plankton of the sea and the great whales is also plain. Grass and shrubs must serve as food to some insects and animals, while these, in turn, are on the menu of still other animals and insects. And so the system of checks and balances in a never ending cycle continues to prevent disaster by holding in healthy balance population and food supply.

During my years at Rancheria, I worked steadily at clearing land, first by horse power — later by use of tractor. Willows and alders growing in swampy land had to be pulled, often from a distance. Keeping the team or tractor on firm footing, I would drag a long line out to the brush and after hooking a choker around the base, go back to my source of power and make the pull. The work was slow and tedious. Hook a choker, make a pull; recover the choker, make another hook up.

### CHEAPER LIVING SPACE

A full basement doubles usable space in a home and costs only 10 to 15 per cent more than for a house built on a slab. Architects now are making basements cheerful, bright and airy. Some designers provide ample headroom in case an owner wishes to finish out a playroom or other useful room.

The work was not so bad but I loved the yellow jackets loved to make their nests in the loose earth and humus around the brush. Often when I walked back to recover the choker I would be met by a fighting horde of mad jackets. Honestly, I could not blame them. It was like the dropping of a bomb; their home had been destroyed and they sought revenge. But it was simply a case of them against me. And all nature being as it is, each claimed justification.

Many times I was forced to retreat and leave the choker until night had fallen. Under cover of darkness and chill night air I would go back, recover the choker and destroy the jackets and nest with fire.

Once I had several nests located and planned to destroy them before attempting to pull the brush. Upon going by one morning, I found one nest destroyed. Nothing remained — no live jackets, no grubs, no honey; nothing but a few bits of "paper" from which the walls of the nests were made. A check disclosed all the nests destroyed. I was at a loss to understand just what had occurred. I remembered the killing of jackets by the bald hornet and thought, perhaps, Wakan Tonka had sent me another friend.

Days and nights passed. Finally, I saw my benefactor: a fine striped skunk! And here I learned the skunk loved those yellow jackets, their grubs and their honey. Upon finding a nest he simply dug in and ate the whole family.

A feeling of warmth and friendliness came over me for my striped ally and I realized he filled a place in nature's line of checks and balances. And to this day I look for the finer traits of the scented animal and have found him to possess many characteristics friendly and beneficial to man.

### ATTENTION ESPERANTISTS

SAN DIEGO, Calif. — Francis E. Helmuth is listed in the phone directory as Delegato Esperanto. He is the local man for the international language called Esperanto and lists himself that way in case any Esperantists come to town looking for their delegato.

### Attention Ranchers

★ **Canvas Dams**  
Cooper Treated, No Mildew,  
All Sizes in Stock, 5'x7'  
Thru 9'x15'

★ **White Roll Canvas**  
5' and 6' Widths  
Lowest Prices!  
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Get 50 to 75 lbs. more

Beef Per Steer!



### Economy Cattle Back Rubber

Made of 3" Marine hawser rope, 12-ft. long. Complete with end chains. Suitable for 100 head of cattle. Used with diesel oil or insecticides.

Longer wearing. Better than brands selling for 29.95.

\$ 12 00

### COMPANION SPECIAL!

**Thompson's Multi-Tox TL**

45% Toxaphene, 2% Lindane. Mix 1 gal. to 20 gal. of diesel oil.

Compares with other products selling for 7.25 gal.

\$ 4 30 Gal.

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33-ft. Stronger, lighter, longer lasting!

Largest Animal Health Dept. in Southern Oregon.

WE GIVE

2x Green Stamps

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