Blood Banks Vet Hospital Routine Work

By Lillie L. Madsen

Farm Editor, The Statesman The doctor was busy. He was in the operating room. Would I please sit down and look at the magazines a bit, the attractive white-uniformed attendant fold

A faint odor of ether reached me as I glanced at the magazines on the table in the waiting room Mostly livestock journals, I noted. A patient was brought in, taken

to the receiving room adjoining. and placed on a white-toppd table. I was permitted to watch as the case history was taken and the examination was made. I looked about at my completely sanitized surroundings. Not a sound issued from the operating room. The patient on the table before us whimpered only a little. Everything is made as painless as possible because the patients do not understand they are really being helped, the attendant explained.

The door of the operating room opened, the doctor stepped out and another attendant carried the patient to a ward. "We are going to give a trans-

fusion next. You may watch if you wish,' the doctor told me. Surprise Awaits

This was my introduction to a veterinary hospital. The whole thing from the reception room to the tranfusion was a surprise to me. And if anyone thinks that all veterinary hospitals are filled with Pekingese dogs and blueribboned Persian cats, there is a surprise in store for him, too. There were some pets, yes, in for treatment er care. But the great majority were useful animals from "down on the ranch." There puppies by Caesaran operation.

As I watched, Dr. F. G. Rankin, ing, hands and instruments. assisted by Dr. W. H. Anderson, inject the anesthetic into the "arm" vein of the blood donor, draw the blood and later feed it back into the veins of "Pooh," the Australian shepherd owned by Marie Travenner in Rural Salem, the two men told of how long a way veterinary medicine had come in recent years. Old Type Gone

Gone almost entirely is the old type veterinarian, filled with knowledge but careless with sanitation and caring almost nothing for disinfectants. After each operation in a herd, the veterinarian now disinfects his hands and his instruments. His boots

PHONE 167

Machine Work Fabricating Welding Blacksmithing Arches Bulldozers Grubbing Teeth Heavy Harrows Land Rollers Farm Wagons Tilt Machinery Trailers Hiway Trailers Lumber Rolls Stacks-Tanks Pipe-Well Casing Portable Keyway Machines

FOUNDRY

Carriage Wheels and Knees Sprockets Dolly Boxes Split Bearings Stove Parts Grates of All Types Mop Picking Machine Parts





"Bob," a dog who lays no claim to pedigree, is shown here giving his blood to save a valuable Australian Shepherd belonging to Marie Travenner of Salem. But Bob is under anesthetic and doesn't even mind the needle which put him to sleep. He lives a comfortable, well-fed life, maintained in perfect health and only donates seven or eight times a year. Dr. F. G. Rankin, left and Dr. W. H. Anderson, are in charge of the operation.

tire sections were unable to raise farm cats until senttation was understood. More mice and rats resulted.

Altogether veterinary medicine is more closely associated with human medicine than most people realize. Many of the discoveries of human medicine are applied by veterinarians, but the reverse is often the case: some of the discoveres made by animal-disease research have been of inestimable value in human medicine. Health of the farm animal is prime importance to human health. Animal and animal products are inseparably associated with human health and diseases. More Cattle Treated

Cattle form the biggest number of patients treated by vet- Hop Field Downy erinarians in the Willamette valley. Sheep come second. Horses Mildew Controls are beginning to show up more and more as patients, no horses are less strong, but because the horse population is increasing in the valley, Only a few veterinarians report being called for diseases of hogs. Operations to stomach of a valuable cow is a frequent occurrence.

In large animals, such as dairy cattle, transfusions are done on the ranch and not at the hospital. and the blood bank is maintained by obtaining blood from slaughter houses on prearrangement. High in danger because of weakness, are most frequent receivers of

Type doesn't enter into the animal blood transfusion, and all animals are anesthetized before blood is drawn or administered. Animal blood, like human, must can be bought ready-mixed. be given at once or refrigerated. All Types Foundry and Pattern It can be kept in the bank for approximately 28 days.

Dog Transfusions Given

are disinfected before he leaves of blood the dog is blanketed and were cats and dogs with intesti- the farm. No longer are diseases, packed in hot water bottles to nal ailments. One cat was being which formerly wiped out farm prevent shock. Each is able to dotreated for wounds sustained in a herds, transmitted by veterinar- nate every six weeks if needed to fight. A dog had given birth to ians tramping from farm to farm keep the blood bank up. Many carrying diseases on boots, cloth- valuable, highly trained farm dogs have been saved by timely transfusion following injury or illteritis entered the valley and enhas become routine in a veter-

inary hospital. Losses caused by livestock diseases and internal and external parasites in this country are estimated at \$418,000,000 a year. Veterinarians agree that much disease exists or breaks out on farms that could be prevented by sheer good management. Farmers are learning the principals of good sanitation, however, as loss of farm animals by disease or parasites is loss of any profit on the farm. And veterinarians have learned that it is their business to save the farm animal and not merely "put it uot of misery' as was the advice so often from the old-time "horse doctor."

Given by College

Anyone of three fungicides is applied to crowns of hop plants to reduce downy mildew in Oreremove nails and wire from the gon hopyards. But they are not eure-alls, warns G. R. Hoerner of the bureau of plant industry at the state college.

Crown treatment is, however, an economical and effective way to reduce the amount of downy mildew. In order of preference, Hoerner lists (1) granular or powdered calcium cyanamide, (2) copbred new born calves, which are per sulphate and hydrated lime dust, or (3) zinc sulphate and hydrated lime dust. The calcium cy-anamide is not only a fungicide but a source of nitrogen.

At least 10 pounds of zinc or copper sulphate is used to 90 pounds of hydrated lime. Either

Applications are made after old vines have been removed and before new shoots appear. If no hoeing is done, or if crowns are cov-From 30 to 40 blood transfu- ered with soil immediately after sions are given annually to dogs hoeing, either dust may be applied at the Rankin hospital. Three to soil surface. Approximately two dogs are kept as donors. These ounces per hill is the dose and a are in excellent health, given a tin can holding this amount is proper diet and proper exercise used for applying. The material is each day, Following withdrawals spread in an even layer over the

contact with soil. Start spraying winter. or dusting as soon as vines have tinue at regular intervals throughout the growing season.

Hassler Farm Outstanding Says Pulliam

seeds, principally bent grass and

"I rely on livestock and dairy income for two reasons," says Hassler. "I find that they are a more stable source of income, and that it is easier to maintain my soil fertility when I have the manure to put back on the land." Hassler's operating capital is invested about equally in livestock and machinery, a healthy situa-

tion, he believes. "The livestock, through development of the young stock, usually increases in value. The machinery depreciates and the two just about offset each other if the balance between the two is equal," says Hassler.

Hassler's main source of in come is his 30-cow dairy herd. Although he now maintains a grade herd of Guernseys, he is taking steps to replace them with purebreds as fast as he can raise the replacements from the few purebred cows he owns. Cuts Production Costs

year, Hassler believes he has the fourth Friday.

Also suggested in control meth- grain and plans to buy a small ods: Train as early as possible to amount of good quality green alprevent shoots from coming in falfa to supplement the silage this

Feeding all of the grain raised been strung. Start suckering while is a vital part of his soil building vines are being strung and con- program. Several hundred tons of manure are spread each year. All of the land has been limed once and some a second time. Crop residues are put back in the soil to keep up the organic matter supply. Phosphate and nitrogen are used to supplement the manure on remote parts of the farm

ley can profit by observing the Loe farm two miles north of Porfarming operations of Hassler," ter school, Silverton. says A. L. Pulliam, county agent Dairy products and livestock at large for the state extension Forty club, chamber of commerce, totaled 77 per cent of the income service. Hassler's farm returned 8 p. m on the Al Hasselr farm, Sublimity in 1946 the highest net income in 1946. Most of his other income per cropland acre of a group of sale at Pacific International, was from the sale of forage crop seven valley farms owned by TVA Portland, Marion County Guerncooperators whose farm account the state college farm manage- land. products for my main source of ment department. The seven are

FIRST SUB-CLOVER GROWN

First subterranean clover grown in the United States was that planted by Ben S. Elmer on his area Mulino farm in Clackamas county. Elmer planted less than a pound of seed, given to him by the Oregon experiment station. This was 10 years ago and the seed from this plot of ground started production of a crop now measured in thousands of acres. Elmer still grows subterranean clover.

Brush Creek - Winners in the 4-H poster contest at the local school were Bessie Strand, Joan grounds. Hari and Noel Schar. Health contest posters were judged Friday by the audience at the Brush Creek Booster club program. Plans Using grass silage and irrigated April 26 were made. Next club pasture for the first time this meeting will be May 2 instead of

erown in a circle about 18 inches found the answer to cheap milk production. He raises his own Farm Calendar

ticks demonstration, 10 a. m., at A. W. Bagley farm, 3709 Center st. April 18-Capital City Rabbit and Cavy Breeders association, Dairy Co-op building, Salem, 8 p.

April 20-Maron County Jersey Cattle club meeting, Stanley Riches home, Turner. April 21-Wesley Brooks Jer-

sey disposal sale, Canby. April 21-Sheep tick spraying demonstration, 9:30 a. m., at Al-"Farmers in the Willamette val"Farmers in the Williamette val"Farmers in the W

April 22-MsMinnville South

April 24-Northwest Guernsey sey Breeders association, 11:30. books were analyzed recently by Northwest Guernsey sale, Port-

May 1-Last day to sign for in Marion, Linn and Polk counties. participation in 1947 agricultural conservation program. May 3-4-H and FFA tour sponsored by Marion County Livestock association in Turner

> May 3-Linn-Benton county Guernsey cattle show at L. W Erb farm

> May 10-FFA and 4-H tour in north end of Marion county, sponsored by Marion County Livestock association. May 8-9-10-Linn County 4-H

> Spring Fair, Albany. May 27-Yamhill County Jerey show, county fairgrounds. May 28 - Clackamas County Spring Jersey show, Canby fair-

May 31-Linn County Fat Lamb and Wool show, 10:30 a. m. June 2-6-Qregon State grange, June 5 to 7-Strawberry Festi-

val, Lebanon. June 5 to 7-Eastern Oregon Livestock show, Union.

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