

Farm and Garden

Brighten Winter Days By Growing Bulbs Inside

J. VERNON MARSHALL
For Rogue Valley Nurserymen

For November, and to brighten your winter days, why not grow bulbs on your window sill?

If you have never grown the hardier spring bulbs in pots, start with a few. Bulbs potted for the house must spend a cool winter period growing a set of roots to support flowers later on.

The ideal temperature range for such root growth is between 34 and 40 degrees. Freezing will not harm root nor bulb, but bulbs should spend from six to eight weeks in a cool dark, protected place. Cover over in your garden or under sawdust. There the roots can develop while the top growth remains dormant. Then, when the bulbs are brought into warmth and light, the tops still start to grow.

These bulbs may be brought in, starting from the middle of November, all through winter for house forcing. The change of temperature, if it can be controlled, should be gradual—50 to 60 degrees for two or three weeks, after bringing them indoors; 60 degrees or higher, if necessary, to bring buds into flower.

These bulbs will adjust themselves to a wide range of growing conditions indoors. For best flowering they must have at least three or four hours of direct sun. Also remember for indoor flowering, always buy top-size bulbs for

Two Hereford Ranches Enter National Show

Pendleton - Two Medford Polled Hereford Ranches are among early entrants in the Feb. 28 thru March 3, 1959, Columbia Empire Polled Hereford association's Show-Sale Activity. The National Polled Hereford show and sale event will be staged in Walla Walla, Wash.

Miraflores ranch, owned by Vaughn and Beulah Keyser, have entered one Pen of one and one Pen of Two bulls in the pen bull show and sale.

Ralph L. Cook ranches have entered 11 head, including one for the national halter show only; nine "classic sale" entries; and one pen of one bull entry.

Largest Polled Hereford consignment sale ever staged in America, and probably the largest all polled Hereford show to be held in 1959, the Columbia Empire event is sponsored by Idaho, Oregon and Washington Breeders.

More than 50 Breeder-Exhibitors from the CEPHA membership region are expected to participate, as well as numerous Polled Hereford Ranchers from outside the territory. The event will feature an open halter class show; a "Classic Sale" with 35 select females and 15 head sire prospects; a pen bull show; and a pen bull sale. Over 150 bulls will be sold in the pen bull sale, combining numbers and quality with the commercial Rangenman-Buyer in mind.

Special Program Set at Local YMCA

A special program of activities has been scheduled at the Young Men's Christian association Friday, Nov. 28.

Junior high basketball will be featured. Non-members and members may participate with one of the teams at the YMCA for a basketball tournament, which will begin at 9 a.m. and end at noon.

Other gym activities will include grade school girls, 1 p.m.; grade school boys, 2:30 p.m. and high school boys, 4 p.m.

Swim activities will include grade school, 11 p.m.; junior high, noon; grade school, 2 p.m. and high school, 3 p.m.

Continual Research Needed For Effective Pest Control

Changing problems in pest control should be of considerable value and interest, Entomologist Louis G. Gentner told those attending the 73rd annual meeting of the Oregon State Horticultural Society in Corvallis Friday.

"More and more frequently we find problems relating to the control of a certain pest have changed and established control practices no longer are satisfactory," Gentner pointed out.

This, he explained, means that control measures for a certain pest cannot be worked out and the project dropped.

An example of this is the control of the two-spotted spider mite on pear trees in the Medford area. In the early 1930's seasonal control of this pest was obtained by one application of a spray containing 1 per cent of light-medium summer oil during the first week in July. All stages of the insect's life cycle, including eggs, were controlled. However, there was no residual effect. Then the mite population in the Medford area was low and little reinfestation occurred after the spray was applied.

Later the mite population became larger and the mites migrated to pear trees from other hosts over a longer period during the summer. Then it became necessary to make two and three applications of oil and even then control was not satisfactory.

About 1944 a dinitro spray called DN-111 was put into use. This material had a residual life of about a week. After two or three applications it was possible to obtain good control at first, but by 1947 or 1948 some growers failed to get satisfactory control even after five applica-

Phoenix FFA Group Young, Progressive

The youngest Future Farmers of America chapter in Jackson county is in Phoenix high school.

Of the 41 members, 29 of them have projects. Eventual aim is for 100 per cent of the chapter to have supervised farming project, according to Jack Dube, vocational agriculture instructor and chapter adviser.

Within the chapter there are six beef projects, three sheep projects, five crop projects, three poultry projects, three rabbit projects, one with bees, two dairy projects and one orchard project.

The chapter is gradually building up the livestock it owns. These include 14 head of registered Suffolk sheep, one registered Hereford Heifer, and one registered Berkshire gilt. This represents an investment of \$10,000 for the chapter.

Chapter members own 16 beef, 30 sheep, 16 swine, 63 acres of crop land, 40 chickens, 17 rabbits, seven hives of bees, four dairy animals and seven pear trees.

The comparatively new chapter has a full slate of activities scheduled for this year. These are headed by the Rogue Umpqua District FFA parliamentary procedure and public speaking contest to be held in Phoenix high school on Jan. 15. Phoenix FFA will host the nine schools in the district which includes such schools as Roseburg, Marshfield, Illinois Valley, Myrtle Point, Pacific, Grants Pass, Eagle Point, Crater and Phoenix.

Future plans listed include making a food baskets to be distributed to needy families on Thanksgiving and Christmas, participation in the public speaking and parliamentary contest in Phoenix Jan. 15, entrance in the district skills contest at Marshfield high school, Coos Bay, on Feb. 7, woodcutting and Christmas tree sales as chapter money-raising projects.

Farm Bureau Sets Membership Drive

A series of meetings are to be held in Jackson, Josephine and Douglas counties in preparation for the annual Farm Bureau membership drive, a Farm Bureau spokesman said.

The drive is scheduled to start in January. The first of these meetings was held Nov. 21 at the Oregon Inn in Grants Pass. Dates, times and places of future meetings will be announced later, it was reported.

Attending the meetings from Jackson county was Organization Director Maurice E. Davies, Eagle Point; and David Flair, Rogue River. They met with the directors of Josephine and Douglas county and Estate Organization Director Cliff Wright, Salem.

Bangs' Control Program Said On Schedule

Salem—Oregon's brucellosis (Bang's) eradication program is "on schedule" toward the statewide accreditation date of June, 1959, Dr. A. G. Beagle, in charge of federal veterinarians, reported this week.

A total of 27 counties and the Warm Springs Indian reservation have met the required tests to date while one county is within one herd of clearing the disease-free hurdle and eight counties remain to be completed, state department of agriculture records show.

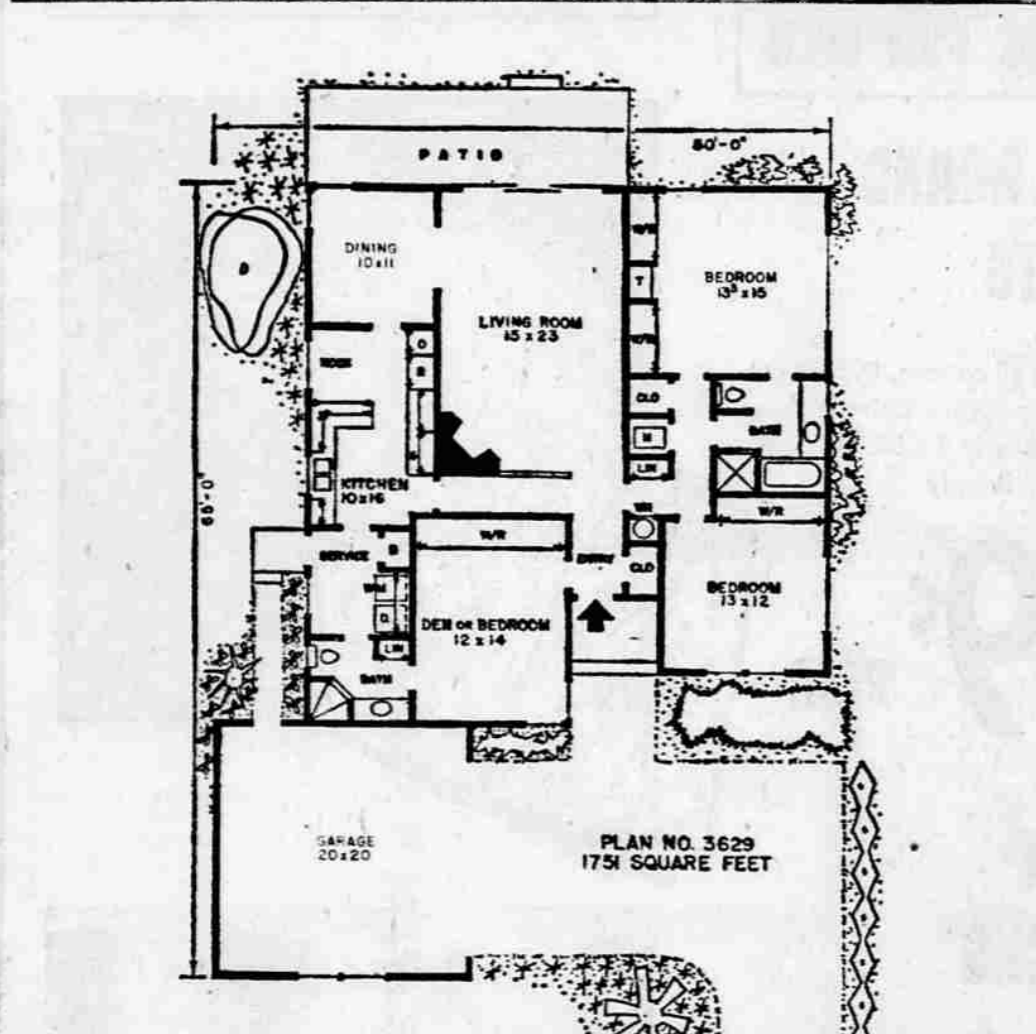
In order to prevent the spread of disease from infected herds, quarantines are being placed upon such herds with special limitations on the sale of animals from that herd into other herds," Dr. Beagle said.

Quarantines enforced. Steers, spayed heifers, and calf vaccinates under 30 months of age are not limited by the quarantine. Other animals may be sold direct to slaughter and records kept available of such sales. Quarantines will be strictly enforced for the protection of the clean herds.

One hundred per cent vaccination of all calves is urged, Dr. Beagle emphasized, adding, "Buyers are preferring vaccinated calves because of the facility with which they may be moved to other areas."

Brucellosis of animals is transmittable to humans as undulant fever and causes serious, long-lasting illness in most humans affected; while the human death rate is low, the incidence of physical incapacitation of a chronic nature is high and often remains with the affected person for life.

This Week's Home for Living



There's a romantic story-book tilt to the gables of this three bedroom home. Colorful used brick is used on the chimney as veneer on the garage and front bedroom wall. Board and batten combine with horizontal siding for exterior contrast.

The floor plan offers all the basic elements for gracious family living and entertaining. The huge fireplace in the living room is the focal point for furniture arrangements. A partial wall, extending from the fireplace, marks the division between the living area to include the garden.

The separate dining room is returning to favor with many families today, keeping the noise and clutter of table setting and clean-up away from guests. Corner windows catch both the side and garden view, and wall areas are wide enough to accommodate bulky dining room cabinets. Double sliding doors can open this attractive room to the living room or close it for privacy.

The den-bedroom has a three-quarter bath with stall shower, pullman lavatory and separate linen closet. A door to the service room makes this bath accessible to the work area and play yard.

Family snacks can be served in the bright nook area of the kitchen. The service area includes washer, dryer, broom closet and space for freezer or sewing machine. A back door to the garage is located to the service entrance.

The center hall, which unites each area, is lined with closets. High sliding windows and large front and rear windows keep the bedrooms light and airy. King-size wardrobe offer plenty of storage space for clothing. In the master bedroom, double wardrobes reach wall-to-wall on either side of a built-in dressing table.

Complete working drawing of the above plan can be obtained at a cost of \$7.50 for the first set and \$3 for each additional set, when ordered at the same time. Please allow two weeks for delivery. If the above home does not entirely meet with your satisfaction, a new home plan book, Homes for Living, may be purchased for \$1. Send all orders for either plans or books to Hiawatha Estes, P.O. Box 404-T, Northridge, Calif.

The county horticulturist listed four main recommendations for slowing or halting the progress of quick decline. Apply no nitrogen fertilizers during the 1958-59 season, he directed. Discontinue the practice of applying extra nitrogen to trees that show symptoms of decline. Trees in decline cannot utilize nitrogen or other kinds of fertilizer.

Do not plow under organic matter like cover crops, hay or manure. Leave these materials to decompose on the ground surface, Cordy suggested.

Stop using flood irrigation. Standing water around the trees shuts off oxygen from the soil. Do not irrigate in early spring. Apply water only when inspection of the soil at the one to two foot level shows a need for it.

Trees in any state of decline have badly damaged roots so should not be subjected to drought, Cordy pointed out. They should receive light but frequent irrigation during the dry season.

Do all you can to remove excess water during the rainy season. Put in ditches this fall to drain off surface water and do all you can to avoid high water tables.

Dr. L. P. Batjer, of the U. S. Department of Agriculture experiment station at Wenatchee, Wash., approaches the problem from a single angle. He blames mainly root stock. Most of the decline was found on trees of Jap root stock with some found on French root stock. The problem appeared in Central Washington in 1950.

It was observed then that trees were losing their vigor and not making growth, Dr. Batjer said. Research indicated the decline was caused in the root stock. Experiments in Washington has failed to uncover anything that will rehabilitate the dying trees, he noted.

Removal of the damaged trees and resetting the new ones is necessary, he suggested. Considerable loss in pear tonnage and tree loss had totalled about one million dollars in Washington, he added. The loss in Oregon has been about the same, it was reported.

Dr. Blake, of the Southern Oregon Branch experiment station, stated that a preliminary study of five orchards showed that four out of five orchards which had a considerable number of declining trees also had excessively high water tables. This is not conclusive proof, he emphasized. Further work is necessary.

The Hartman Cup was presented Leroy Childs, one of the state's leading horticulturists and former superintendent of the Hood River Branch Experiment Station. Ward Spatz, Medford, and member of the state department of agriculture advisory board, had won the cup in previous years.

Pear growers who hear talks on atmosphere storage of fruit appeared enthusiastic, it was reported. George Jones, research horticulturist, Gerber Products company, Oakland, Calif., told of the use of commercial controlled atmosphere storage for California apples. He said the more California apple growers see of it, the better they like it.

Local horticulturists say that any cost estimates on this type of storage would have to be based on a per box expense. The important thing to consider is - is the fruit enough better for it to get a premium price on the market?

Jones said one California concern is increasing its atmosphere storage capacity this summer.

Care in handling nursery stock was emphasized in the talk given by Paul Stark Jr., Stark Brothers Nursery, of Louisiana, Mo.

Production of quality nursery stock is first dependent upon selection of superior parent trees of known permanence, he said.

Using apple trees as an example, he said, regular checks are given to trees that produce apples of desired color, size, form and quality. They are examined for production, freedom from harmful viruses and other transmissible diseases.

Quality nursery stock is only produced on relatively fresh soil, Stark emphasized. This is soil that has not been in a nursery crop over two times during any 10-year period.

Such nursery stock must receive regular and thorough spraying to keep a strong, vigorous foliage, the veteran nurseryman said. This builds heavy caliper and good stored food reserves which cushion the shock of transplanting to the orchard.

Milk Sanitarians Slate Refresher Course at OSC

Salem - With 500 of Oregon's state inspected grade "A" milk producers now storing milk in bulk on the farms in lieu of shipping directly to market in the familiar 10-gallon tanks, new problems have arisen for the state department of agriculture which keeps a protective eye on the milk flow.

These problems of regulation and inspection, together with other phases of the industry, will be discussed at the seventh annual milk sanitarians short course which will be held Dec. 1-2 at Oregon State college, Corvallis.

The two-day program will be conducted by the state department of agriculture and Oregon State college with the cooperation of the Oregon Association of Milk Sanitarians. O. K. Beals, agricultural department foods and dairies division chief, will chairman the session.

Pipeline Milkmen Talked. The construction and installation of pipeline milkers will also draw attention during the short course which is expected to attract milk plant fieldmen, dairy equipment suppliers, government officials and interested public.

Department and college officials who will discuss respective phases of the program include: Dr. E. A. Day, irradiation sterilization of dairy products; A. E. Tesdal, farm tank sediment committee report; V. N. Simmons, 3A standards committee report; Dr. Gerald E. Korzan, featured speaker of the Oregon Association of Milk Sanitarians.

J. Orville Young will chairmen the Tuesday sessions at which K. E. Carl will discuss department of agriculture enforcement policy, and Roy Stein will give the committee report on farm tank sampling.

Guest speakers will be Robert Mather, Babson Bros. sales manager, Chicago; C. E. Laughlin, Western Dairy Equipment, Portland; Lawrence J. Christensen, Dairy Co-op. Assn., Portland and Donald B. Patton, Oregon State Board of Health.

California Couple Buys Huge Ranch. Kerby-The Q-Bar-X ranch, owned by L. A. Johnson, has been sold to Mr. and Mrs. Warren Ridinger of Lincoln, Calif., it was reported here.

The price was said to have been in excess of \$200,000, making it one of the largest rural real estate transactions in this area for many years.

The Ridingers plan to reside on the ranch, which has 1,500 acres along the Illinois river. The transaction was handled by the Herried Real Estate firm in Medford, and the Ridingers were represented by the legal firm of Van Dyke, Dellenback and McGoodwin, also of Medford.

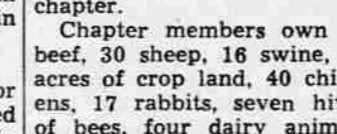
The 2,000 acre ranch includes an owner's residence of 10 rooms (seven family bedrooms, four baths), ranch buildings such as the foreman's house, tenant cottage, shingle cottage, garage, machine shed, petroleum supply building, hay and feed barn.

The Illinois river forms the eastern boundary for approximately 4 1/2 miles, three year-around creeks cross the ranch and a large spring gives an abundant supply of superior water.

The river bottom land produces enough feed to carry 1,000 head of cattle the year-around without outside feeding. It supports two animals per acre.

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