



RUSSELL B. RUMMEL, Roseburg garden enthusiast, has added Bonsai growing to his long list of hobbies, most of which pertain to some form of horticulture. Rummel is shown here demonstrating how copper wire is used to direct the growth of a miniature evergreen. This done, he gently tamps the soil cover around the miniature tree. (News-Review Photo)

Directions Given On Art Of Bonsai By Roseburg Expert

Editor's Note: Russell B. Rummel, Roseburg resident, contributes the following detailed article on the growing of Bonsai, a hobby he has pursued for the past two years.

By RUSSELL B. RUMMEL
The art of growing Bonsai is believed to have started in Japan during the late 16th century and by 1868 had become quite well established. And, until the turn of the century, had never been seen outside of Japan.

Word Explained
What is a Bonsai? The word is written with characters meaning "tray," or "pot," or "to plant." For many years Bonsai growing had been considered a mysterious culture and many people thought that the Japanese used secret chemicals and such, to dwarf these trees and plants, some of which are known to be over 500 years old. Some have been sold for as high as \$7,000.

Today, Bonsai trees of various ages can be purchased in many nurseries and florists in the United States, but the fun is in creating such a tree yourself. Although this takes patience and time, it is not difficult.

I could go on for hours about details in raising special types of trees from seeds or cuttings, but most of us do not have the patience to wait three or four years for a seedling to become large enough to show any promise. So, I will try to give you suggestions for raising Bonsai in a much quicker way.

I buy small trees from 3 to 12 inches from the various local nurseries and garden stores, always looking for some that have graceful bends and shapes or possibilities for such. I have also found some stunted trees in the forests that also turn out to be nice Bonsai.

There are some 350 species of trees, bushes, and even grasses, that can be made into Bonsai. However, the most popular are the junipers, pines, spruces, cedars, azaleas, camellias, and even weeping willows. All of these can be purchased as seedlings from the local dealers who also have for sale the Japanese imported Bonsai pots.

Potting Times Told
There are various times of the year when the little tree or plant can be potted. The best time for the evergreens is at the beginning of the growing season when the new buds start to show, and for the deciduous trees and plants, just before the new growth starts. Both of these types can be potted late in the summer before the second short growing season starts. Although many Bonsai growers do not believe in potting trees in the winter, I have had very good success during that period, probably due to the mild climate here in Roseburg.

Perhaps by now you are highly enthusiastic about Bonsai growing and you will want to rush right out and start one. You can do just that! Although some of the plants in the nurseries are well along in their new growth, if they are handled with care, they can still be done for probably another 30 days. So, let's make a Bonsai: We buy a small tree, probably in a gallon can, and a Japanese pot for it. This can will have, approximately, 6 inches of soil in it and this will probably be a solid mass of hair roots. The pot we purchase for this size tree will have to be about 10 inches long, six inches wide and 2 inches deep. You will note that this pot has

drainage holes which, for some unknown reason, are very large, and will have to be partially covered with pieces of broken flower pot or flat pebbles.

Copper Wire Used
Keeping in mind the fact that this little tree will be deprived of most of its root structure and will have to be held in its pot by wires, and also will be trained and shaped by these same wires, we will then cut a piece of copper wire approximately 30 inches long. I prefer electrician's solid copper wire no. 14, which I purchase locally, and then I peel the plastic cover from it. This wire is first pushed up through the holes of the pot so that each protruding piece is straight up about 1 foot. I then cover the holes partially with the broken flower pot pieces. This pot with its extended wires is now ready.

We now turn to our plant and carefully remove it from the can (your dealer has tools that will split the can for you). We now have a cylindrical mass of soil and roots about 6 inches deep. We now begin to comb, from the bottom, with a sharp stick or old fork, to remove the dirt from the mass of roots and we keep moving upwards until we have left only about 2 1/2 inches of soil at the top. If we find that there are one or two heavy tap roots we trim these back, with a sharp cutter, about 1 inch and will later spread them to the sides as we plant the tree. However, if we find merely a mass of fine roots, we trim them off so that only about 1/2 inch is left protruding from the bottom of the remaining soil. We now will spread a little soil in the bottom of the pot and set our tree in it. (In the oblong pots set the tree about 1/2 of the distance from one end, and in the case of square or round pots, set it a little closer to the center, but never right on center.)

We now bring the two wires over the ball of soil and bend them in so that they reach the trunk base. This will lock the tree into the pot. We now fill the rest of the pot with our soil mixture, gradually working the soil down around the exposed roots and keeping the soil reasonably wet. You will note that you have put a 2 1/2 inch deep ball of soil into a 2 inch pot and that the top of this soil at the base of the tree is higher than the top edges of the pot. This is the proper way to plant the tree then the remaining "fill" soil is brought up to a point just slightly under the edge of the pot, and then sloped up to the base of the tree.

Shaping Is Next
We now come to the shaping and bending of the tree. Our two wires

that protrude from the ground are then carefully wrapped in a spiral around the trunk with the loops about 1/4 inch apart and if we wish to bend the trunk we will bend it slightly as we gradually wind the wires. Please keep in mind that some plants might have three or four branches that we wish to shape with wire, in which case we will add a wire for each branch. We wrap the wire up the trunk and out the branches and bend them in the shape desired. This wire must be left on the tree for three to six months but never long enough to injure the bark. If, in that period, the tree has not grown to the proper shape the wires should be carefully removed

and new ones put on. We then will nip off any unwanted branches or shoots. This newly potted tree should be kept in reasonable shade for several weeks and watered daily.

Keep in mind that this is an outdoor plant and although it can be taken into the house for short periods of time it should, mainly, be left outside where it can get sun and rain. These plants should be protected from hot sun and wind in summer and buried in the ground up to the level of the top of the pot in winter. You will feel them just as you would your regular plants or trees, with your favorite plant foods in ratio to their size.

There are several other small items that add to the beauty of these plants such as, putting a colored rock or small oriental figure under the tree, and, also, covering the full surface of the soil with blanket of small moss. This latter is also a good protection from heavy rain as it will prevent the dirt from being washed out.

Depending on the type of tree, you will plan to repot every two years in case of deciduous trees, and every five years in case of conifers. You merely remove the plant from the pot, cut off 1/2 of all soil and roots from the sides and bottom, add new soil, and replant. Good luck!



BONSAI TREES, grown by Russell B. Rummel, 222 W. Hazel, are shown here displayed on the backyard patio of the Rummel home. The tiniest one, on upper shelf, is believed to be a Sequoia (redwood) that has been growing in its miniature container for some time. Like the others, it has been wired to grow in a desired direction. Other evergreens shown have had the same treatment and are beginning to reveal their intended shape. Rummel has been pursuing this hobby for the past two years. (News-Review Photo)

Azalea Color Wave Now Ready To Roll

An azalea plant with its abundance of bloom practically sells itself. And when it's not in bloom, the attractively foliaged plant is useful in landscaping.

A special color feature in the April Sunset explores the Westerner's world of azaleas. You'll find suggestions for planting, watering, feeding, and training, along with a number of photographs showing azaleas put to different landscaping uses. Why are there so many varieties? Because there are so many species from which to choose parents, and because the hybridizers have worked toward several goals — more and larger flowers, new colors, varieties that will take more sun and wind. A special feature of this Sunset article is a complete listing of all the varieties that are available in each of the Western climate zones with brief descriptions of each.

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Sole Of
Discontinued Patterns
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FREE HAM EACH WEEK
Awarded Each Week No Obligation
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9 Lb. Armour's Star Ham
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RICHFIELD SERVICE
1315 W. Harvard
OR 2-9045

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C. Valley Is First With Spring Show

Highway 42 to Camas Valley will no doubt see a mass trek of garden enthusiasts to the spring flower show, "Spring Fantasy," to be staged next Thursday by the Camas Valley Garden Club. It will be the first major flower show of the season in the local area.

With this effort, the club is entering competition for a national award, the Purple Rosette, for a standard show given by one club. The show complies with rules for a standard show, club spokesmen state. Special events to be held in connection with the show include a sale of spring plants and a "tea table" which will be the base for refreshments during show hours.

Entries will be accepted from 8 a.m. to 10:30 a.m. the day of the show and hours for public viewing are set from 1 to 8 p.m. No admission will be charged.

Those still in need of information regarding entries may call Mrs. Wayman Schmidt, president of the club, or Mrs. Ted Wiley, overall chairman of the show. The flower show committee will furnish containers for entries in the horticultural division. Entries in all divisions are expected from a wide area, Mrs. Schmidt said.

Plantings Are Needed For Song Bird Survival

With housing, highways and other developments gobbling more and more land, there is a tremendously growing need for plantings which aid songbirds, especially, to survive, according to the American Association of Nurserymen.

Following are some of the trees and shrubs that provide seeds and fruits for wild life: cedars, yews, junipers, ashes, alders, birches, mulberry, cherry, flowering crabapples, bayberry, honeysuckle, dogwood, hawthorns, hollies, mountain ash, and many others.

Natural foods are highly necessary to supplement suets and other fats often set out by home owners in the winter months.

PRIVACY CREATED

Garden privacy for family outdoor living can be created by new additions to house or garage, lot boundary trees, shrubs, walls or fences, patio walls, fences or terraces or inter-area hedges, walls or metal fences with hardy evergreen vines.

PRUNING NEEDED

Pruning—most trees require periodic pruning in order to keep their shape. Dead limbs and branches also need to be removed. Small trees that can be reached by standing on the ground, or possibly on a stepladder, may be pruned safely by the home owner. Pruning of large trees is dangerous, however, and is not recommended. Call in a local tree expert. A reliable tree expert always will have insurance that protects his employees while working on your property.

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KPIC-TV — Ch. 4 CHANNEL 2 ON CABLE MONDAY THROUGH FRIDAY	1:30—Make Room for Daddy (Mon-Wed.) 2:30—Esther Geddes Show (Tues-Thurs) 2:30—Bry's Kitchen (Fri) 3:30—TV Home Journal (Mon. only) 3:00—Spectacular Mailbox (Tues-Fri) 3:30—Social Security (Mon only) 3:30—Wild Service (Mon only) 4:30—Lone Ranger 5:00—Capt. Shawchuck	6:30—Joy Bishop—Color 9:00—Saturday Nite Movies—Color 11:00—Saturday Cinema
	SATURDAY 8:00—Buff and Red—Color 9:00—Shari Lewis—Color 9:30—King Leonardo—Color 10:00—Fury 10:30—Major League Baseball 10:30—Saturday Mailbox 2:30—World of Glanis 5:00—Pioneers 6:30—Stories of the Century 6:00—Saturday Night Report 6:15—Winic's Sports 6:30—Art Linklater 7:00—Air. Ed 7:30—Sam Benedict	SUNDAY 8:00—Easter Sunday Service 9:00—This is The Life 9:30—TBA 10:00—It is written 10:20—Baseball 1:30—Championship Bowling 2:30—Dan Smoot 2:45—Forum 3:00—Sunday Mailbox 4:30—Fred Waring Special 5:30—Bullwinkle—Color 6:00—Ensign of the Peace—Color 6:30—McKewar and the Colonel 7:00—Aunt Fanny 7:30—Disney World of Color—Color 8:00—Car 54 9:00—Bob Hope 10:00—Dinah Shore 11:00—Checkmate
KBES-TV — Ch. 5 MONDAY THROUGH FRIDAY	4:00—American Bandstand 4:30—Discovery '63 4:54—American Newstand	9:30—Have Gun Will Travel 10:00—Gunsmoke 11:00—News Final 11:15—Stage 5
	SATURDAY 11:00—Top Cat 11:00—Beany & Cecil 12:00—Bugs Bunny 12:30—Magic Land 1:00—My Friend Flicka 1:30—Armchair Adventure 4:15—Visit With City Police 6:00—Championship Bridge 7:30—Challenge Golf 9:30—Bowling 9:30—Movie 6:10—Dan Smoot Report 8:15—Forum 8:30—Flintstones 7:00—I've Got a Secret 7:30—Jackie Gleason 8:30—The Defenders	SUNDAY 10:45—Baseball 4:00—TBA 2:30—TBA 4:30—Let's Paco It 5:00—Fisher Knows Best 5:00—GE College Bowl 6:00—20th Century 6:30—Valcan City 7:30—Dennis the Menace 8:00—Ed Sullivan 9:00—Hootenanny 9:30—GE True Theatre 10:00—Candid Camera 10:30—What's My Line 11:00—News 11:15—Stage Five
KOIN-TV — Ch. 6 C'ANNEL 83 MONDAY THROUGH FRIDAY	4:15—Early Show 4:45—Newsline 4:15—Walter Cronkite	11:00—Saturday Reporter 11:15—Theater
	SATURDAY 7:30—RFD 4 8:00—Cartoon Time 8:30—Sky King 9:00—Captain Kangaroo 10:00—The Alvin Show 10:30—Red Dunning 10:45—Baseball 1:30—Armchair Theater 2:30—Mighty Mouse Playhouse 3:30—Rin Tin Tin 4:00—Roy Rogers 4:30—Sky King 5:00—Panic 5:30—Victory At Sea 6:00—Man From Cheisce 6:30—Federal Men 7:30—Highway Patrol 7:30—Jackie Gleason 8:30—The Defenders 9:20—Have Gun Will Travel 10:00—Gunsmoke	SUNDAY 8:00—Catholic Easter Service 9:30—Protestant Easter Service 10:00—This is The Life 10:30—The Christophers 10:45—Baseball 1:30—Sir Francis Drake 2:00—Faith For Today 2:30—Armchair Theater 4:30—Let's Face It 5:00—Amateur Hour 5:30—GE College Bowl 6:00—Twentieth Century 6:30—Master Ed 7:00—Les's-Cole 7:30—Dennis the Menace 8:00—Ed Sullivan Show 9:00—The Red McCoys 9:30—True Theatre 10:00—Candid Camera 10:30—What's My Line 11:00—News 11:15—Restless Gun
KEZI-TV — Ch. 9 CHANNEL 6 ON CABLE MONDAY THROUGH FRIDAY	11:00—Cartoonville 11:30—Matinee Funnies 12:00—Bugs Bunny 12:30—Alakazam 1:00—M. Francis Flicka 1:30—Roller Derby 2:30—Film Fare 3:30—Bowling Tournament 4:00—World of Sports 5:00—Rescue 8 7:00—Fight Of The Week 7:45—Make That Spare 8:00—M-Sound 8:00—Lawrence Welk 10:00—Salliant Men	11:00—News Nine 11:15—Movie SUNDAY 1:30—Meet the Professor 2:00—Directions '63 3:00—The Pastors Study 3:30—Faith For Today 4:00—Faith 4:30—Alumni Fun. 5:00—Major Adams — Trailmaster 6:00—Man Without a Gun 6:30—Bell & Howell Special 7:30—Movie 10:00—Death Valley Days 10:30—Howard K. Smith 11:00—News 9 Weekend 11:15—Opening Night
RADIO PROGRAM		
KRNR 1490 KC. 18-Hr Programming CBS Network—music, news, weather	KQEN 1240 KC. 6 A.M. to Midnight ABC Network—music news, weather	KYES 950 KC. Down To Dark Independent—music, news, weather.