

Mid-summer planting extends vegetable garden production

Vegetable gardens can be productive for at least three more months by putting in a mid-summer planting of hardy crops. As the early crops are harvested, the vacant garden space can be replanted with vegetables that can be harvested in the fall.

"Mid-summer plantings can be started anytime in July and continue to the middle of August," says Ray McNeilan, Oregon State University Extension home gardening coordinator.

Bush beans will grow faster during the warm summer days than did the earlier crop as the soil and air temperatures speed up the growth rate. Many root crops can be seeded in July and August. Beets, carrots, ko-

hirabi, onions, rutabaga, shallots and turnips are good crops for fall harvest.

"Most root crops can be left in the garden through the fall and winter and be used as needed," says McNeilan.

Many leafy crops will do better in the garden with a mid-summer planting. Spinach will be less apt to go to seed if planted now. New Zealand spinach is the best candidate.

Chard, endive, kale, lettuce, and mustard greens will supply greenery through the fall and into early winter. Although head lettuce may not grow well this late in the season, ithaca is the best variety for those who want to try. Leaf and bibb type lettuce give better results. Salad Bowl, Buttercrunch and Prizehead are recommended varieties.

The cole crops grow extremely well in late summer and can be harvested

until the heavy freezes of winter. Broccoli, brussels sprouts, cabbage and cauliflower should be planted as transplants in late July and early August.

For second plantings of peas, McNeilan advises enation-virus-resistant varieties, especially in western Oregon: Corvallis, Aspen, Aurora and Oregon Sugar Pod (an edible pod variety).

Re-work the soil before planting a

new crop. Rototill or spade six to eight inches deep to loosen the ground, then apply one-half cup of 5-10-10 fertilizer for each 100 square feet of row space. If cabbage or radish maggots have been a problem, dust or drench transplants with diazinon to protect them.

Water management is especially important for mid-summer plantings. Seeds of lettuce, onions, carrots and radishes are planted near the soil

surface and must be kept moist in order to germinate.

Frequent watering should keep germinating seeds from drying out. Or place a one-by-four-board or a piece of clear plastic over the row after it has been watered to hold the moisture in. Once the plants poke through the soil, remove the cover.

With continuous planting and proper management, a vegetable garden can give tremendous returns.

OMSI features space show

In celebration of the 10th anniversary this July of man's first footprints on the moon, OMSI is celebrating a "Summer in Space." Several new space related exhibits and presentations in OMSI's Kendall Planetarium are all aimed at visitors with stars in their eyes. And, in these times of curtailed usage of the family car, OMSI is a short and enjoyable trip.

One of the most interesting new exhibits is a continuously running video-tape program filmed at NASA's Jet Propulsion Laboratory at Cal-Tech during Voyager II's close fly-by of Jupiter in the early part of July. The program features interviews with leading space scientists, and some close-up photographs showing details of Jupiter's rings and the most definite pictures ever taken of the huge planet's Galilean moons.

Also related to a very recent space mission is the new "Sky Lab Pictorial." In this exhibit viewers see many color slides taken by the crew of Skylab—photographs of the sun, the earth, and many pictures showing everyday life in the space station itself before it was abandoned to end its life splashing down in the Indian Ocean.

Another most exciting video tape presentation just announced is the ABC-TV program "Infinite Horizons—Space Beyond Apollo." This program was broadcast on the ABC network on July 19th, and OMSI has been exceedingly fortunate to receive a loan copy of the video tape to show to visitors to the Museum.

Two programs are running concurrently in the Kendall Planetarium itself—both of great interest to OMSI visitors of all ages. The "Cosmic Disaster Hit Parade" visually shows several of the ways in which the earth might come to an end through a cosmic disaster of some sort. Visitor's fears are allayed by the assurance in the program that disasters, such as the sun becoming an exploding star, are many millions of years in the future. This program is shown daily at 1, 2, 3 and 4 p.m. At 11 a.m. each day, the "Camper's Night Sky" shows tourists, backpackers and others enjoying the Oregon out-of-doors this summer what to look for in the night sky over this part of the world. This program is also offered with the Cosmic Disaster show at 7:30 p.m. on Friday, Saturday and Sunday.

Winding up "Summer in Space" at OMSI will be special exhibits, Planetarium shows and other programs tied to Pioneer 11's close encounter with the planet, Saturn, in September. The OMSI Planetarium staff hopes to have new photographs and much coverage from the Pioneer 11 space craft at that time.

OMSI is now open on summer hours, 9 a.m. to 6 p.m., Monday through Thursday, and 9 a.m. to 9 p.m., Friday, Saturday and Sunday. The evening hours for the Planetarium shows and the exhibits can be a special attraction for the whole family avoiding the busiest part of the OMSI attendance day. Admission is \$2.50 for adults; \$1.50 for students to age twelve; with a special rate of \$10 to cover a whole family unit.

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