

Night lighting affects growth patterns

By now, you have planted vegetables and annuals, rereeded your lawn where necessary (having ruffled up the area with a steel rake before spreading the seed), trimmed the suckers out of your flowering crabs and trimmed your lilacs and Forsythia after flowering. Your columnist is breathless as are all gardeners in this cycle.

With a small cultivator in your hand, you can aerate the planted beds where the soil has already popped weeds. Letting air in by ruffling the soil is a good practice.

There is ample time to add shrubs and trees to upgrade your yard. This does for home and commercial sites. On many locations there are security lights which give night protection. The Agricultural Environment Quality Institute, Beltsville, Md. 20705, has done considerable research relative to the effect of 24-hour light exposure to plant material.

NOT ONLY is the home gardener interested in the effect of night lighting



down to earth
Alice Burlingame

on the total array of plants, but builders, landscape architects and owners of commercial property should be cognizant of the facts. It could be a matter of dollar and cents wasted.

As an illustration, lighting can alter the way plants receive their signals from the environment and how growth characteristics are adjusted per season.

In other words, they will continue to grow after a killing frost and will have dead tips or branches in the spring. After pruning the dead tips, the change in lighting could affect the plant's shape. Continuous lighting depresses the formation and maintenance of chlorophyll

in leaves and promotes the lengthening of the internodes of the branches and the expansion of the leaf area.

AMONG THE TREES we use most in this area, Norway maple, paper birch, sycamore and American elm, are selections most affected by night lighting. Among those common to this area and least affected are the American holly, sweet gum, Austrian pine and the Bradford pear. The red maple is a far better selection than Norway maple where night lighting is used.

It is important that all plant material receive good maintenance the first year, including watering and fertilizing. When trees are to be placed where

there will be 24-hour lighting, research has shown that with a placement in the fall there will be a full year cycle of growth and adjustment prior to the following summer and fall when the major impact of the lighting is expected to occur.

This is a heady lesson for community gardeners and you might as well take advantage of research.

In this cycle you are aware of the beauty of rhododendrons in the landscape plan. For best results, plant in a raised, created bed with good drainage. Sand included in the soil base reduces heaving of heavy soil in the spring. Place this choice plant high as one famous grower from our area advised: You can bank the plant with Canadian peat but be aware that this mulch can dry out quicker than Michigan peat.

The important guide for rhododendrons is to give them light but not intense sun. Keep them out of the winter blasts of wind. Select varieties which will tolerate our Zone Five climate.

Music Study Club installs new officers

Helen Kerwin will be installed as the new president of the Music Study Club of Metropolitan Detroit at noon on Tuesday at Temple Beth El. Mrs. Kerwin has been a member since she was nine and in the junior program.

Her mother, the late Ethel Mendelson, was president in the 1950s.

Mrs. Kerwin has a degree from the University of Michigan school of music and earned her master's in the humanities program at Wayne State University.

She is active as a concert pianist and teacher and performed for Aaron Copland at Oakland University when he conducted a teacher seminar there in 1978.

The musical program for the instal-

lation will feature Rosemary Catanese, pianist and the choral group under the direction of Janet Lee, accompanied by Treva DeJong.

Miss Catanese studied with Benning Dexter and Eugene Bossart.

YFU seeks host families

Youth for Understanding is now searching for local interested families to serve as hosts for about 300 exchange students who will arrive in Michigan this summer.

Worldwide, more than 70,000 students have learned of life in other lands through living with Youth for Understanding host families.

Students, most of whom are between 15-18 years, spend about a year with their host family, attend local schools, and live much as native born teens live. "It doesn't take a large house, a lot of money, much free time or even a teen-ager in the family to qualify as a host family," said Diana Follebout, speaking for the international student exchange.

"All it takes is an open heart and a desire to share and learn," she said. "Host families provide room and board for the student and make him or her a part of their lives."

Students bring their own spending money and are covered by insurance. Interested persons are invited to call their host family, attend local schools, Ms. Follebout toll-free, at 800-292-2107. Or they may call the Youth For Understanding Regional office collect of money, much free time or even a

Msgr. Beahan turns 80

Monsignor Thomas P. Beahan, fourth pastor and now pastor emeritus of Our Lady of Sorrows Catholic Church, marked his 80th birthday June 4.

The occasion was celebrated with a Mass of Thanksgiving and a reception hosted by the parishioners in the church hall.

Father Beahan was born in Hubbardston, Mich. in 1900 and was graduated from Assumption College in Windsor, a resident college for young men preparing for the priesthood run by The Basilian Fathers. His theology studies were completed at Mt. St. Mary's of the West in Cincinnati, O.

He was welcomed to Farmington in 1940. Thomas Beahan Junior High School, in the Our Lady of Sorrows Church complex, was named in his honor.

PUBLIC NOTICE CITY OF FARMINGTON ANNUAL BUDGET OPEN FOR INSPECTION

On Monday, May 19, 1980, the Farmington City Council enacted the City's budget for the fiscal year 1980-81. A Summary of the enacted budget showing the intended uses of Revenue Sharing Funds and information supporting the budget actions taken by the Council are available for public inspection in the office of the City Clerk, Farmington Municipal Building, 23800 Liberty Street, Farmington, Michigan, Monday through Friday, 9:00 a.m. to 4:30 p.m.

NEDRA VIANE, City Clerk
Published June 3, 1980

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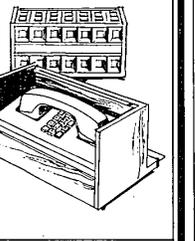
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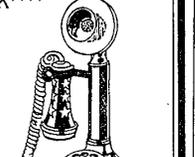
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