

ing unless it is very pure, will only add to the weed population.

Next we must keep the seed bed damp at all times. This often requires handwatering several times a day if it is a little windy and dry. Some Supts. have used plastic coverings with very good results. If your damage is not severe enough to overseed you probably will only need to plug out the bad spots. If they look like they might make it by themselves you should guard against a disease attack by using your normal fungicides at half strength. An occasional light fertilization with liquid fertilizers will also be beneficial.

RECOMMENDATION:

Do your damndest to grow grass.

Information for this article was obtained from Dr. Mike Britton, Jim Holmes and a text book entitled "Introduction To Plant Physiology" by Curtis and Clark.

SPRING DINNER DANCE

On Saturday, April 14, the Midwest Association of Golf Course Supts. held its annual Spring Dinner Dance at the St. Andrews Country Club. Over 100 people attended the function in the newly constructed portion of the Clubhouse. The food and music as arranged by Bill Brady, and his Entertainment Committee, was out of this world. Amos Lapp and John Ebel and their wives were very gracious hosts.

Door prizes were awarded to the lucky people with the right tickets. They were: Mrs. John Ebel, Mrs. Frank Dinelli, Mrs. Frank Kohler, Mrs. Al Hinst and Mrs. Bob Duguid. Other prizes were won by Mrs. Pasco, Mrs. Wally Walmeldorf, Mrs. Russ Reed, Mrs. Ed Stewart, and Mrs. Frank Krueger. Still other door prizes were presented to Mrs. Carlson, Mrs. Warren Bidwell, Fay Lucas, and Mrs. George Dalman.

We would like to thank the various Distributors for their wonderful gifts for the door prizes.

MEMBERSHIP IN THE GCSAA

Class A Charter	23
Class AA	28
Class A	1387
Class B	187
Class C	30
Class D	41
Class E	165
Class F	74
	<hr/> 1935

THE ADEQUATE MAN

The need of the world is the adequate man, the man who is ready, who knows, and who can; the man who can rise to the need of the hour and meet it with courage and knowledge and power. The man with a mission, the man with grace to fill without flinching his God-given place; the man with a conscience; the man with a mind - kind enough to be strong, strong enough to be kind. The man who is master of what he must do, with the will and endurance to follow it through; the man who is fearless his pathway to plod, because he is consciously walking with God. The man with the wisdom to choose and decide with a justice unflinching, a sympathy wide; the man with a vision, the man with a plan - the need of the world is the adequate man.

LIME IN THE LIFE OF THE PLANT (Cont'd)

O. J. Noer

There are other notable examples where lime helped grass retain color during the early stages of drought notably at Brookline in Massachusetts where the benefit showed in June 1954 from an application made during the same month of 1934, exactly 20 years to the month. Just before the National Open Tournament a lime line was placed around each green to show spectators where to stop. The grass was better along the lime line in 1955, despite an overall application of lime after the striking results were noticed in 1954.

The use of lime to correct soil acidity is stressed most. Acid soils develop in humid regions where the annual rain fall is 20 inches, or more. As water percolates down through the soil it leaches calcium, magnesium, sodium and potassium in that order. Yet sea water contains sodium chloride mostly, 35,000 parts per million, or 3-1/2 percent. Calcium and magnesium are used to build shells by crustacea. Otherwise sea water would have a milky, opalescent appearance.

Carbonic acid in the percolating water is the principal solvent. The calcium becomes calcium bicarbonate. Its solubility is definite but low. When calcium, and the other bases are displaced from the exchange complex, hydrogen takes its place to produce an insoluble acid capable of releasing acid hydrogen.

Soil acidity is expressed as pH (potential hydrogen) with 7 as the neutral point. Figures below that denote increasing acidity. It is a geometric progression, so 6 is 10 times, 5 is 100 and 4 is 1,000 times more acid

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