

Paul J. Murphy, Little St. Andrews Golf Course, cautioned superintendents that high wages paid help is not always a guarantee of excellent work.

Homer Darling, Juniper Hill Golf Course, observed that Mercury Fungicides have advanced up to 300 percent in price. Cuts will no doubt be necessary in their use this year.

**Production Equipment**, Chairman, Orville O. Clapper, Pres., Clapper Company of New England

Equipment required on an 18 hole course was listed. Board members estimated that the value of the equipment to be between \$30,000 and \$38,000. Mr. Clapper's figure showed the total value as \$35,000 divided as follows: For Fairway and Rough, \$12,000, For Tees and Greens, \$6,000, For the Shop, \$4,600, Hand Tools, \$1,100, General Equipment, \$7,800, Miscellaneous Equipment, \$3,500.

The importance of an equipment inventory, fire insurance, and a shop was emphasized.

**Production Costs—Budget for 1951**, Chairman, Professor Lawrence S. Dickinson

The main points mentioned were: 1) A budget should be prepared and broken down to show how money is to be spent. 2) One member stated that he had a five year program for purchasing new equipment. 3) Professor Dickinson stated that a budget should not be thought of as money, but as labor hours, materials and equipment. 4) Superintendents not required by their committees to make a budget, will find one useful. 5) A budget shows the overall planning of a greenkeeper. It is not necessary to live by it down to the last penny. 6) The budget is an indication of professional improvement.

**Possible Alterations in Producing Mechanics**,

Chairman: Professor Geoffrey Cornish

Methods of making cuts were discussed. When cuts are necessary on a golf course there are two main ways of achieving them: 1) Spreading the butter thin, lopping off a bit here and a bit there, and 2) Cutting out entire units such as one nine, the tennis courts, clubhouse grounds, etc.

It was brought out that if cost analyses have been maintained the superintendent will be in a good position to advise where cuts should be made.

Economies can sometimes be made by 1) Raising the height of cut and mowing fewer times per week. 2) Narrow the fairways. 3) Make fertilizer economies. 4) Eliminate some back tees. 5) Reduce top-dressing. 6) Increase number of mowers in gang. 7) Purchase time-saving equip-

ment. 8) Investigate use of Sodium Arsenite on rough in place of mowing.

The Board favored cutting out entire units rather than spreading the butter thin. Quality can then be maintained.

**Getting Buyers to Realize the Manufacturing Situation**, Chairman, Sherman Moore, Supt., Hollywood GC, Deal, New Jersey.

The buyer of good turf, the player, does not understand what is taking place and what has to be accomplished on a course before it provides pleasurable golf. The following suggestions were made to superintendents to acquaint members with their work: 1) Invite members to inspect the equipment in the tool shed, 2) Carry on conversations with members concerning turf and managerial aspects of course maintenance, 3) Attend conferences and field days—the superintendent will be conspicuous by his absence, 4) Write articles for local newspapers on growing of grass, 5) Maintain cost accounts to show committee and members, 6) Play golf with members, 7) Put up slogans in locker rooms, 8) Praise the course instead of emphasizing its bad features, and 9) Refrain from criticizing your predecessor.

## McLaren Heads Midwest Turf Foundation

Mal McLaren, Supt., Oakwood CC, Cleveland, O., was elected Pres., Midwest Turf Foundation at the Foundation's annual meeting held during the Purdue short course. Don Strand, Westmoreland CC, Wilmette, Ill., was elected vp. Dr. Kenyon T. Payne, Purdue geneticist, continues as executive sec. Dr. Fred V. Grau, USGA Green Section; Edward Fifield of City of Gary municipal courses, and L. L. Fontaine, Big Springs CC, Louisville, Ky., were elected Midwest directors.

Retiring Pres. Carl Bretzlaff in his report urged members to get other golf clubs, park board, cemeteries and others commercially interested in turf to participate as members in financing and results of the Midwest research.

Executive Sec. Payne reported 173 members of Midwest Turf Foundation in 7 states and presented summaries of the Foundation's valuable turf research during the previous 12 months.

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(See page 85)

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