

porarily from a smaller building which houses the pro-shop and which was untouched by the fire. . . . *Blowing Rock's* (N. C.) new clubhouse was formally dedicated July 4 in gay festivities. The occasion marked the initial services of Mrs. Robert Mebane, newly-elected club manager who was formerly hostess on a Florida train between New York and Miami.

The new clubhouse of the Clarkston (Wash.) G&CC has recently been completed at a cost of \$6,000. The building is air-conditioned and offers complete club facilities, Manager Joe Shriver has announced. . . . Charles Arena, pro at the Cooper River (N. J.) CC, was slightly injured recently in an auto collision. He was treated for chest injuries at a hospital, then released. . . . Guy Paulsen was granted a two month leave of absence from the Old Town club (N. C.) to take a summer job at a Lake Champlain Hotel course. . . . Deal (N. J.) GC members will give a dinner dance in honor of Vic Ghezzi, club pro and new PGA champion.

Annual GSA golf tournament will be held September 16 at the Midland Hills CC, St. Paul. . . . Glen Van Voorhiss, Central Ohio Greenkeepers prexy, and supt. at Mt. Vernon (Ohio) CC, is laid up temporarily by ill health, but is expected to be back in the harness after a rest. . . . Date for the 1942 national GSA conference and exhibition, to be held in Chicago, is expected to be set shortly. . . . Annual greenkeeping short course at Michigan State College, East Lansing, in 1942 will be held March 12-13.

Vic East, looking over scores in the first round of the St. Paul Open, discovered that 52 was the eclectic score of the field. . . . Horton Smith had 27 putts in the last round 63 that made him St. Paul winner. . . . Jim Haines, supt., Denver CC, has an Autocycle that takes him quickly to any part of the course. It's a much better answer to the greenkeeper's problem of being everywhere at once than the emergency use of an automobile or motorcycle. The device is one of those small motor-driven things the passenger stands on. . . . The third generation of golfing Turnesas is getting active. Joe's 9-year-old son Dick scored 100 in a father-son tournament.

August, 1941

TIMELY TURF TIPS

OHIO TESTS BOOST ORGANIC NITROGEN

Turf experiments at Ohio (Wooster Station) are summarized by Welton and Carroll in Bulletin 613, "Lawn Experiments". Results with different forms of nitrogen are summarized on pages 23 to 26 under the caption "Inorganic and Organic Carriers of Nitrogen".

These plots were fertilized three times each year, usually April, June, and August. Respective rates for each carrier supplied 2.5, 5.0 and 7.5 pounds nitrogen per 1,000 square feet per annum. Treatments continued through four years, 1929-1932, on plots seeded in 1928 at 5 pounds per 1,000 square feet with 60% Kentucky blue grass, 10% red top and 20% perennial rye grass.

That these tests justify organic nitrogen is indicated by the following quotation from the report.

"If, for example, all the nitrogen is supplied in a highly soluble chemical like ammonium sulfate, the effect obtained is prompt, but of short duration. Grass thus stimulated into rapid growth is comparatively soft and lush and relatively susceptible to adverse climate and soil conditions. If the nitrogen is supplied in a variety of carriers, including not only inorganic but also organic materials, a less marked initial, but a more prolonged effect may be expected. Relatively slow growing grass is comparatively sturdy and quite resistant to disease and other unfavorable conditions.

"The increase in growth from each of the three increments of nitrogen was practically the same in the group of organic carriers, but in the groups of inorganic carriers it was markedly less from the third than from the second or first. This difference may be regarded as indirect evidence that the inorganic carriers give up their nitrogen more readily than do the organics.

"In a dry period in late July and August, the growth and general appearance of the grass on the plots fertilized with organic carriers were superior to those on the plots top-dressed with inorganic carriers."

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If your feeding program is not producing effective results, let our Turf Service Bureau help to devise a better program. Their help, including soil tests if needed, is free for the asking. Write:

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