Getting down to details, Noer cited (1) the sudden collapse of grass, and (2) discovery of even better ways to improve courses as the immediate major problems supts. now have to cope with. As to the former, he stated that there is still a great deal that a majority of supts. have to learn about diagnosing turf ailments. Much of this stems from the fact that even old hands at the game are deceived by secondary rather than primary causes of trouble.

Speaking of improved courses, Noer said that before supts. realize the ultimate they are going to have to learn even more than they already know about performances of grasses, soil factors, grass and soil environment, protection from injury and disease and numerous other things that go beyond pure mechanical management. In concluding his speech, Noer related a half dozen course case histories in which proper diagnosis led to quick improvement of poor turf conditions.

Secrets of Success

The final day's panel was made up of four men who have a total of 84 year's experience in course management. All of them agreed that only continuing education gives a supt. the confidence to cope with the ills which beset him. But as, Jim Brandt pointed out, education can become a handicap if a supt. retreats within himself to the extent that he thinks he alone knows all the answers.

Other prerequisites for success brought out by the panelists: Listen to the golfer even if he doesn't know anything about turf — you may learn something; Advance planning of operations is about 75 per cent of the job; Record keeping is necessary for intelligent operation; Avoid cheap construction and use of salvage material; Cover your course once a day.