

PROJECT: Goosegrass Control

Duration: 3 years (1956-57-58)

Station: Rutgers University

Total of USGA Support: \$6,000

Specific Accomplishments:

1. Support of a graduate student being trained in turf management, Mr. James Fulwider is presently preparing his thesis for the Master's Degree.
2. The following bits of information have been gained:
 - a. Goosegrass requires high temperature for germination.
 - b. Alternating temperatures (20° C - 35° C) and alternating dark and light are important in germination of goosegrass.
 - c. These findings indicate the importance of a dense turf cover for insulation and shade.
 - d. Chlordane gave very satisfactory control of goosegrass when used as a pre-emergence treatment.
 - e. All rates of EPTC, simazin, neburon and TBA were too injurious to turf grasses.
 - f. FW 450 showed promise of good control in post-emergence tests with little injury to turfgrasses.
3. This investigation is continuing. A final report in the form of Mr. Fulwider's thesis is expected this spring.