

The only observable differences due to treatment in East Lansing were in the effect of wetting agent on dew (or guttation fluid) which occurred. Dew ratings for these plots are given in Table 19. Among liquid materials Lescowet, Aqua-Gro and Hydraflo tended to be the most effective in reducing dew rating. Granular formulations were much slower to affect dew formation and were generally less effective.

#### EARLY SPRING MOWING STUDY

As reported last year mowing a Kentucky bluegrass turf early in the spring before growth initiation resulted in improved turf ratings on several dates during the growing season. This study was repeated in 1990. The Kentucky bluegrass sod was mowed on March 16 at heights of 0.5, 1.0, 1.5 and 2.0 inches with a rotary mower. All material was removed from the plot area. Turf quality ratings were taken at several times during the growing season as shown in Table 20. Early in the growing season (April) the shortest mowing height gave the best turf ratings. After that time few differences occurred. This was consistent with data taken in 1989. We are still of the opinion that removing the dead leaf tissue early in the spring permits quicker warming of the soil and crown tissue, resulting in earlier growth initiation. While this practice has limited application, it may be feasible on sites where early spring greenup is desired beyond that achieved by fertilization.

Table 20

Early Mowing Study  
Quality Ratings, 9 = Best, 1 = Poor  
Initiated March 16, 1990

Treatments	5/31 <sup>1</sup>	3/28	4/3	4/13	4/23	5/10	5/25	6/20	7/20	8/22	9/22	10/18
no mowing	78.6a*	2.5b	2.0c	2.0d	3.0d	6.4ab	7.2ab	6.0b	4.5a	7.4bc	7.5a	7.6a
0.5 inch	27.8 b	2.2b	5.2a	5.0a	6.2a	5.8b	5.8c	6.4ab	4.5a	8.1a	7.6a	7.6a
1.0 inch	27.3 b	3.2a	3.5b	4.2b	5.2b	5.8b	6.2bc	6.8a	5.2a	7.8ab	7.8a	7.2a
1.5 inch	52.2ab	2.2b	2.5c	3.0c	3.8c	6.5a	7.2ab	6.0b	5.2a	7.2bc	7.8a	7.1a
2.0 inch	77.9a	2.2b	2.0c	2.2d	3.3cd	6.6a	7.5a	6.0b	5.0a	7.1c	7.8a	7.5a

1 - clipping weight

\* - means followed by the same letter are not significantly different at the 5% level using Duncan's multiple range test.