

the breakdown of greenness of color as a measure of turf quality. This experiment was set up on low phosphate soils of very desirable structure but receive supplemental irrigation only once during the summer. In the various combinations used, plots receiving high nitrogen rates in monthly increments always rated highest from the viewpoint of color regardless of whether P and K were high or at the minimum level. When drought took its toll, high nitrogen plots lost most grass and by the end of the season were the lowest in measured shoot density.

In review, the basic principles of maintaining good foliage and root balance are summarized by many papers and talks in previous turfgrass meetings as follows: maintain clipping heights as high as possible with the dictates of the grass and its use; diseased leaves cannot support adequate root growth nor use of the turf; phosphorus and slowly soluble nutrients must be adequate throughout the rootzones; other essential nutrients should be supplied in proper balance and quantities; pH and water factors should be regulated with common sense; roots cannot grow without air; and nitrogen levels be as low as possible without causing the grass to completely lose its vigor to recover when climatic and disease factors become more favorable. Even though the slow release materials may provide a much more desirable means of supplying nitrogen to grow GREEN grass, they do not provide a means of escaping the pitfalls of grass being permitted to grow TOO GREEN for its own good.

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Dr. Lobenstein was born in Kansas. He received his B.S. degree from Kansas State, M.S. in Botany from University of Illinois, and Ph.D. in Agronomy from Purdue.

YOU KNOW WHAT? . . . YOU AND ME DO ALL THE WORK

The population of the United States has now reached the 200,000,000 mark. A practical mathematician calculates it this way:

Half of the total is under 21 — leaving 100,000,000 to do the work; There are 70 million over 65 — leaving 30,000,000 to work; Government employees, 24,000,001 — that leaves 5,099,999 people to work. The military has 5,600,000 in service — leaving 399,999 to work; Another 203,000 are in hospitals and sick — leaving 196,999 to work; Jails are housing 101,000 leaving 95,999 to do the work; People lost or missing total 54,000 — leaving 41,999 of which 41,997 are bums, protesters or agitators.

This leaves 2 — YOU AND ME TO DO ALL THE WORK!

(Editor's note — You get busy, I'm going fishing.)

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