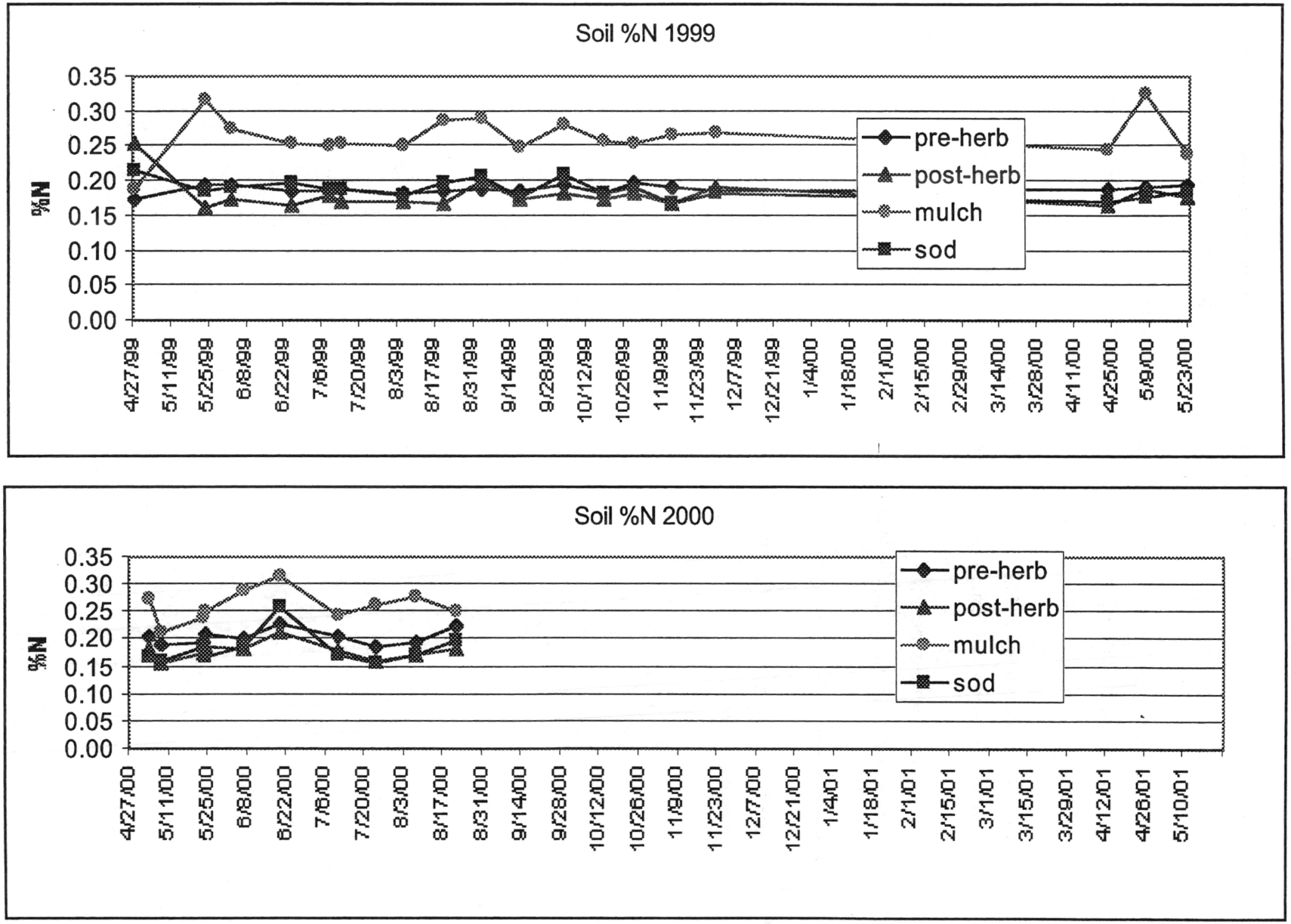

Figure 1. Soil nitrogen (percent dry weight basis) beneath trees in four groundcover management systems during 1999 and first half 2000

LNE98-098

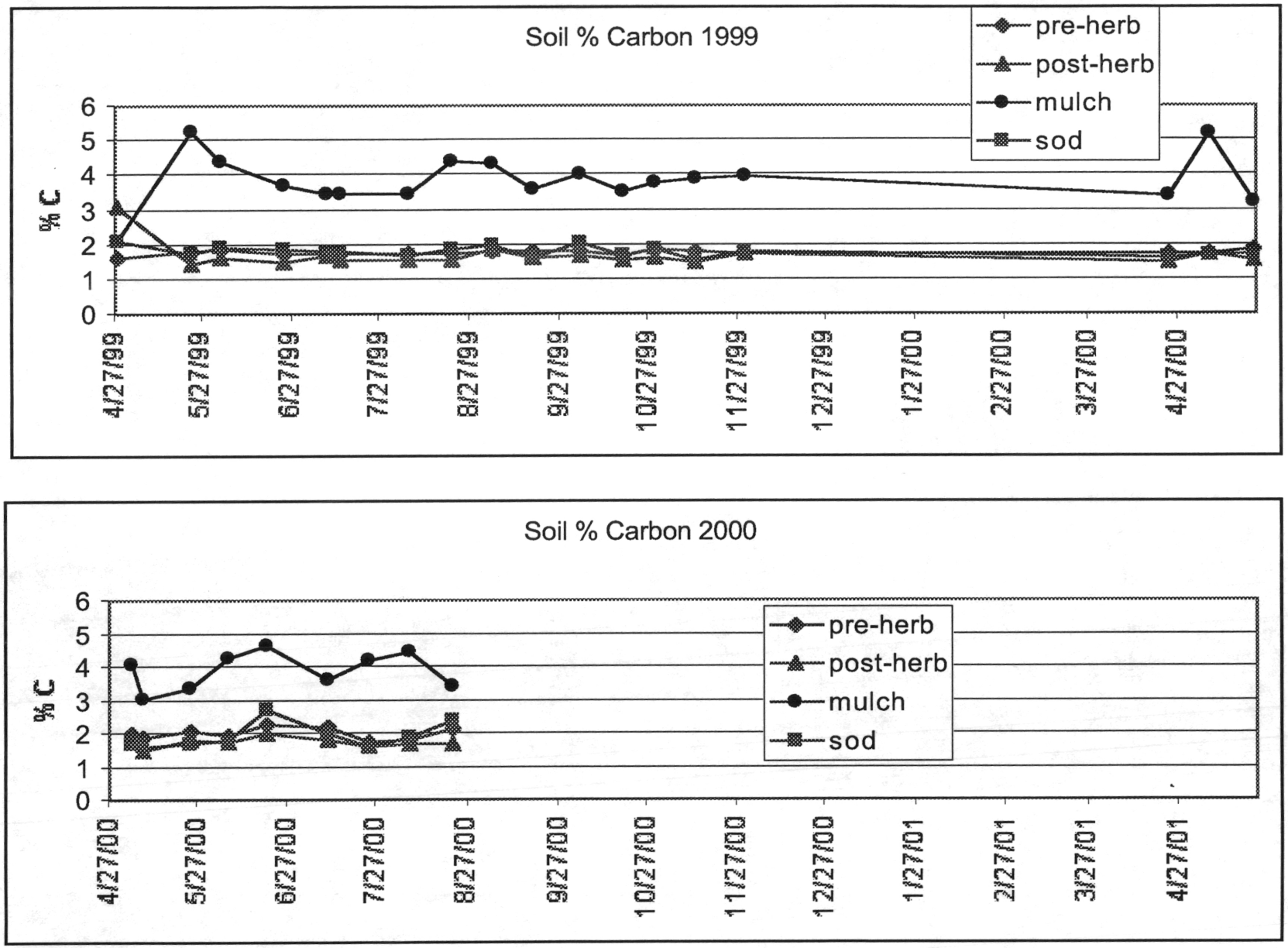

Figure 2. Soil carbon (percent dry weight) beneath trees in four groundcover management systems during 1999 and first half of 2000.

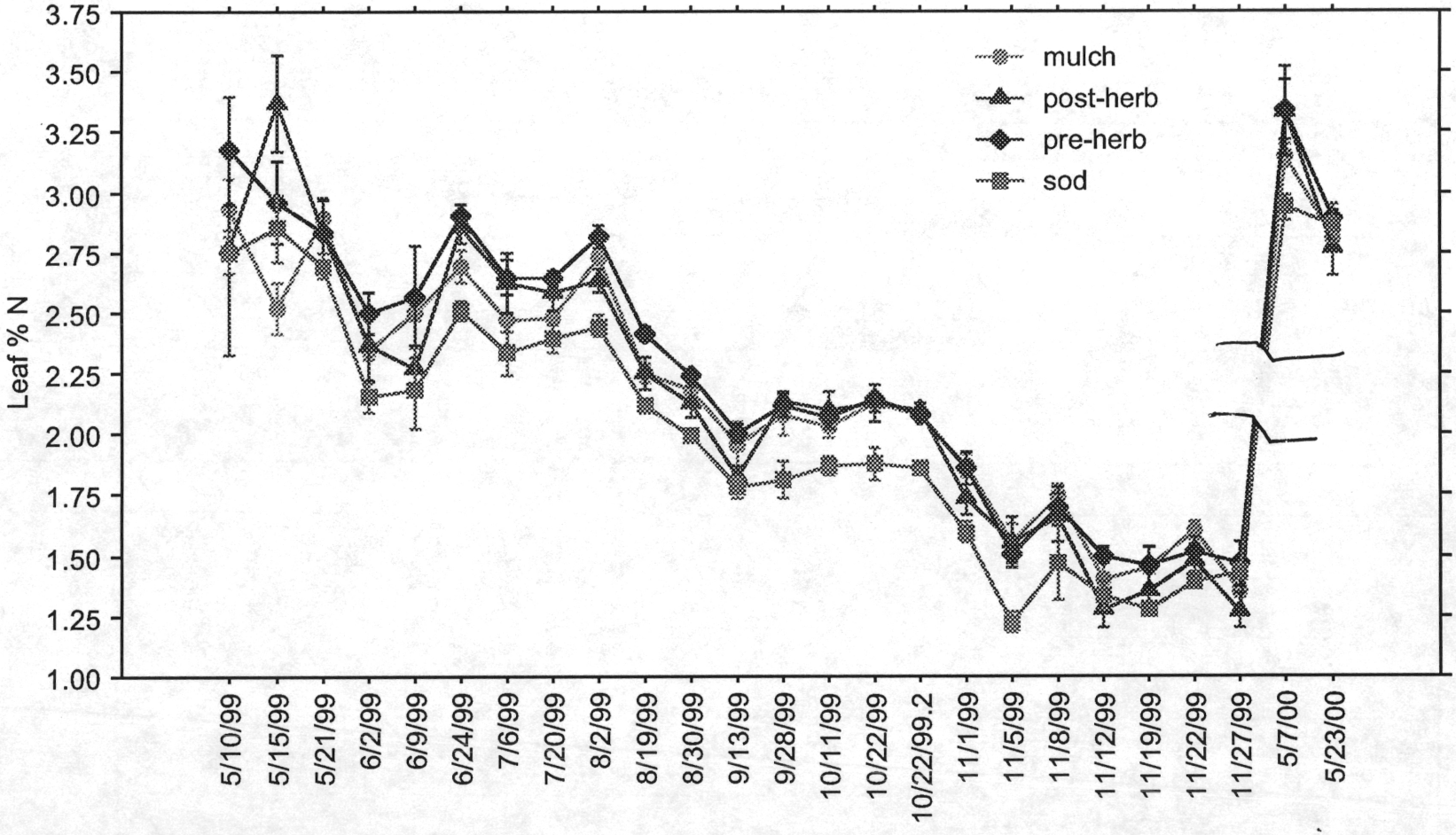

Figure 3. Effect of four GMS treatments on tree-leaf % N (dry weight basis) over 25 sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE for each date.

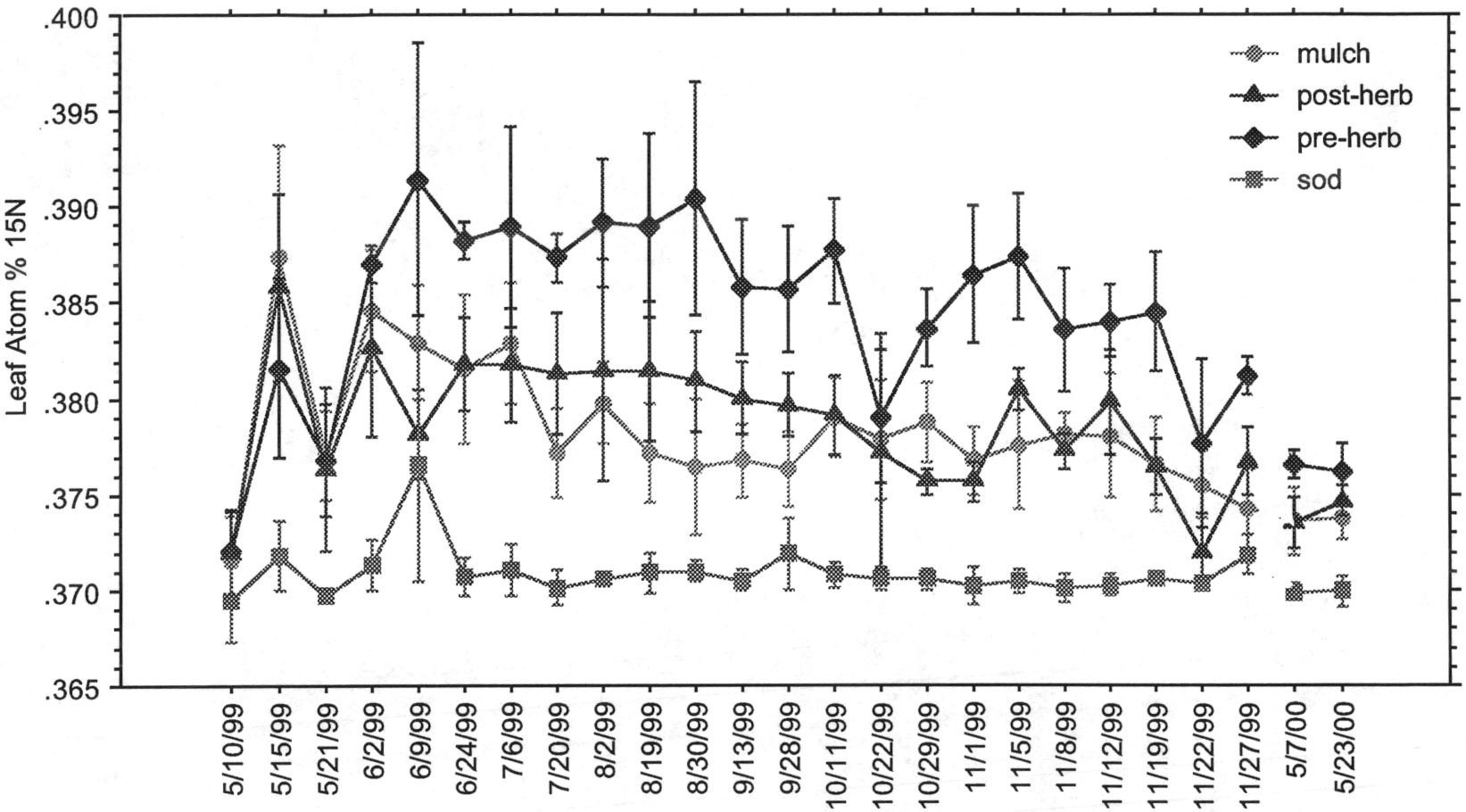

Figure 4. Effect of four GMS treatments on tree-leaf atom $\%^{15}$ N over 25 sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE for each date.

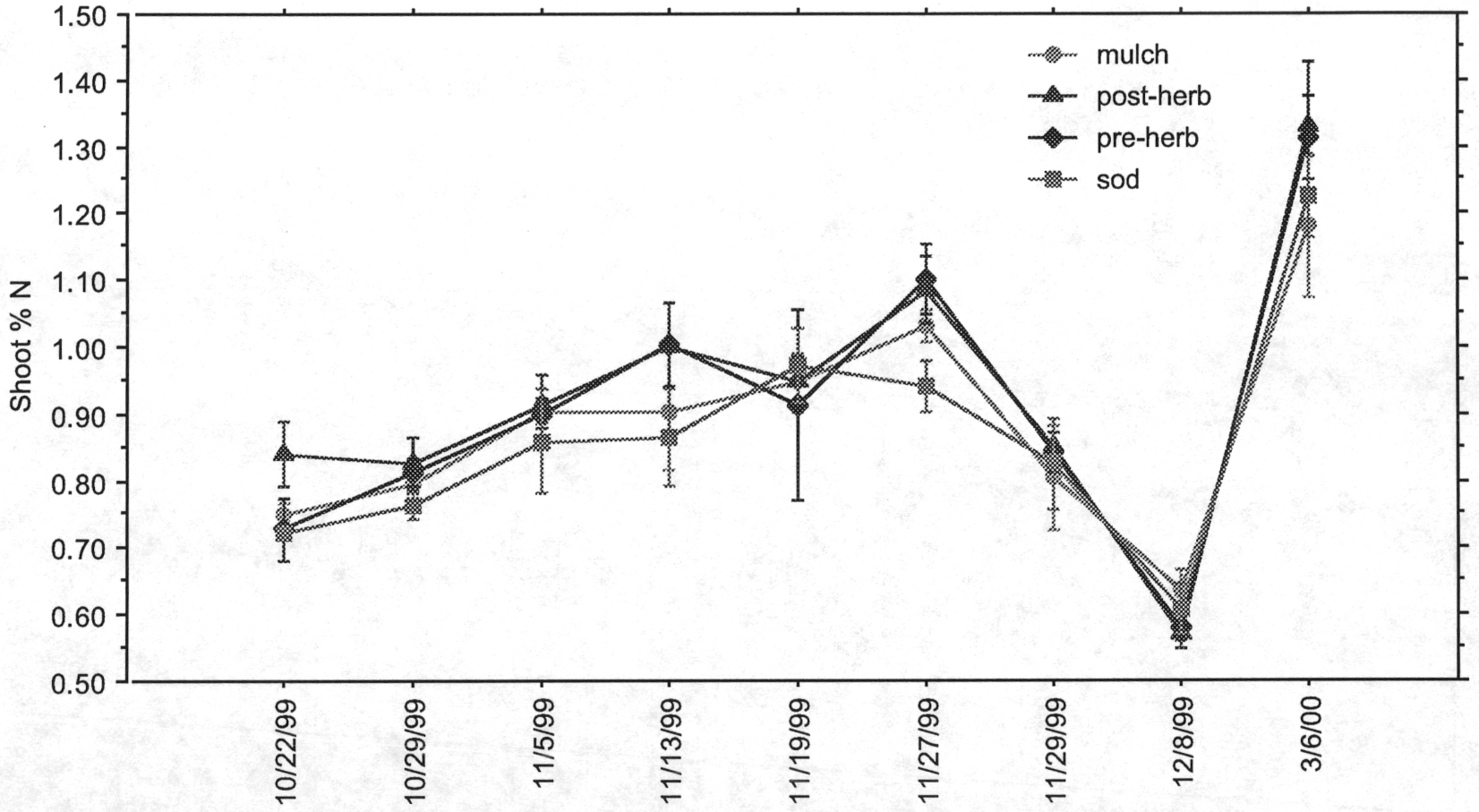

Figure 5. Effect of four GMS treatments on tree-shoot % N (dry weight basis) over nine sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE for each date.

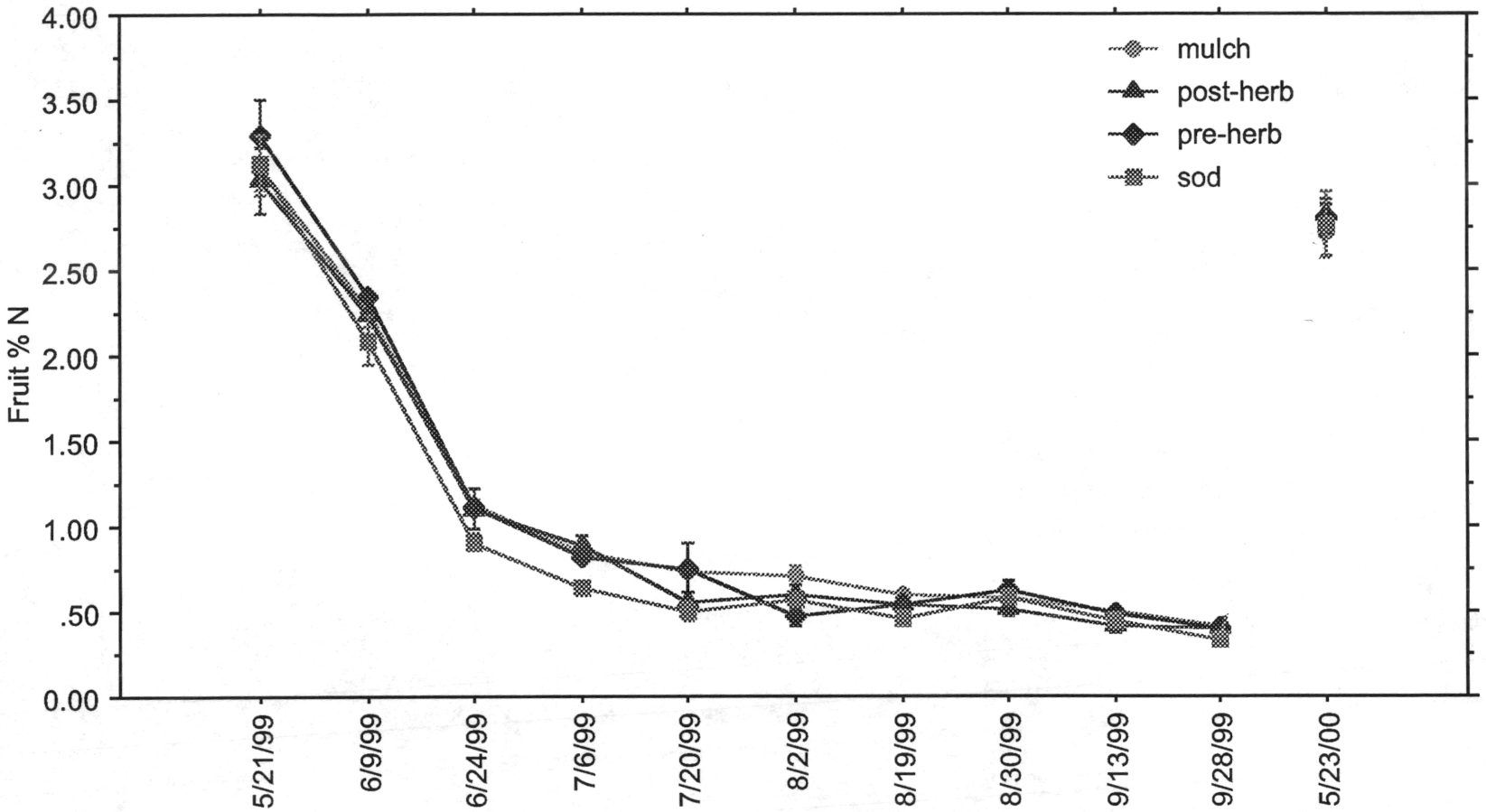

Figure 6. Effect of four GMS treatments on whole fruit % N (dry weight basis) over 11 sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE for each date.

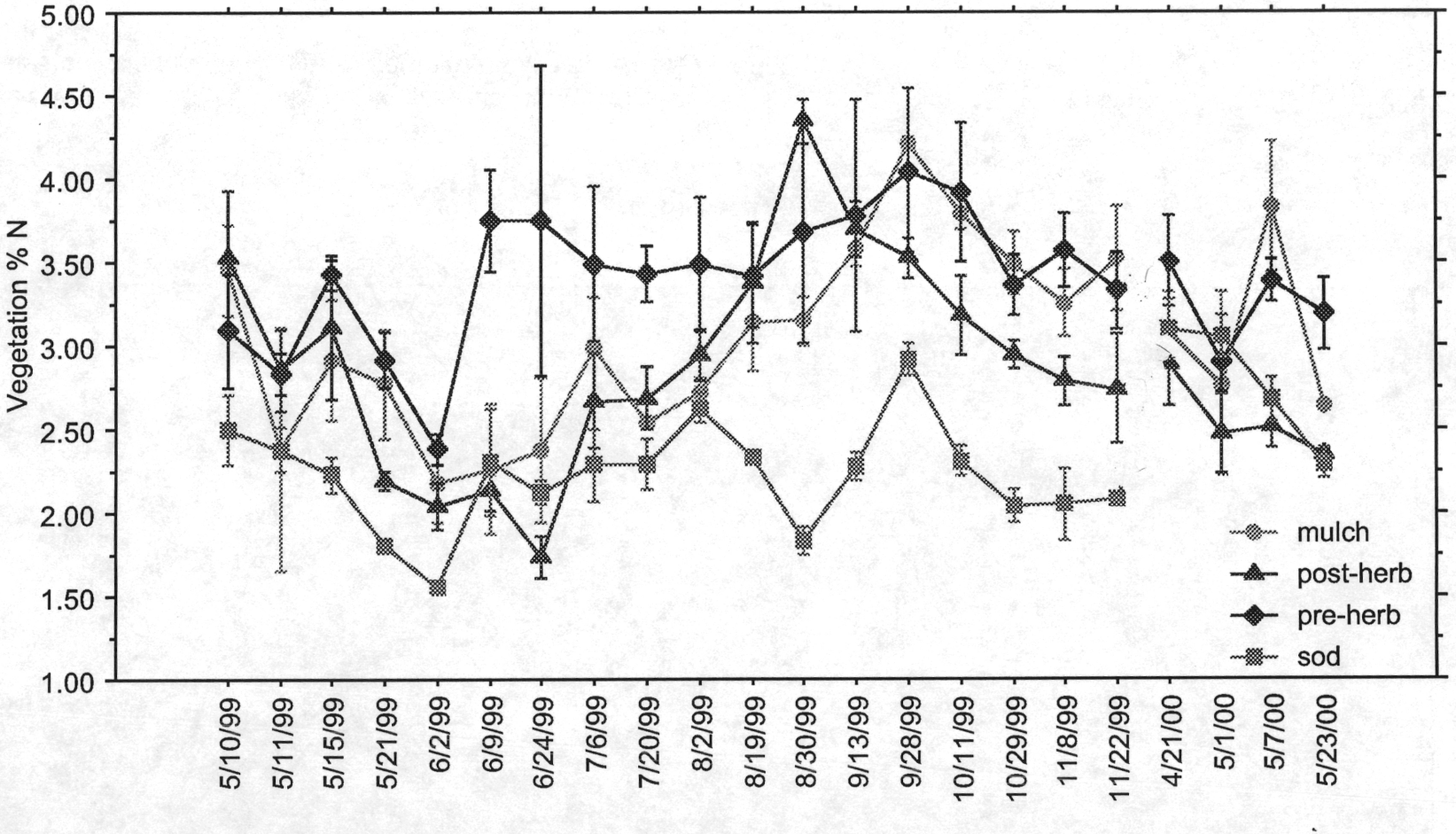

Figure 7. Effect of four GMS treatments on groundcover vegetation % N (dry weight basis) over 22 sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE for each date.

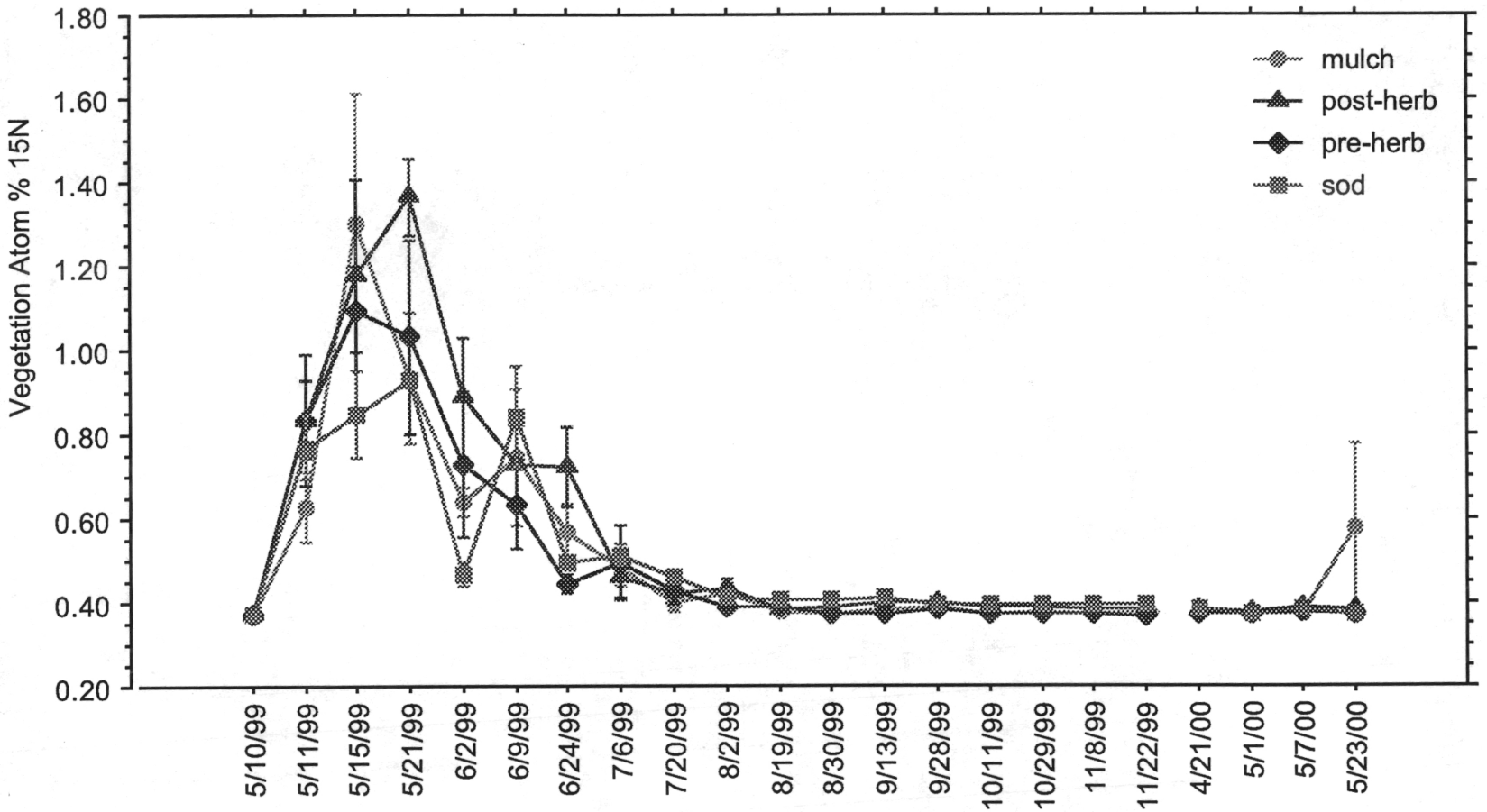

Figure 8. Effect of four GMS treatments on groundcover vegetation atom % ^{15}N over 22 sampling dates in 1999 and 2000. Values are the means of three treatment replicates +/- SE of treatment means for each date.

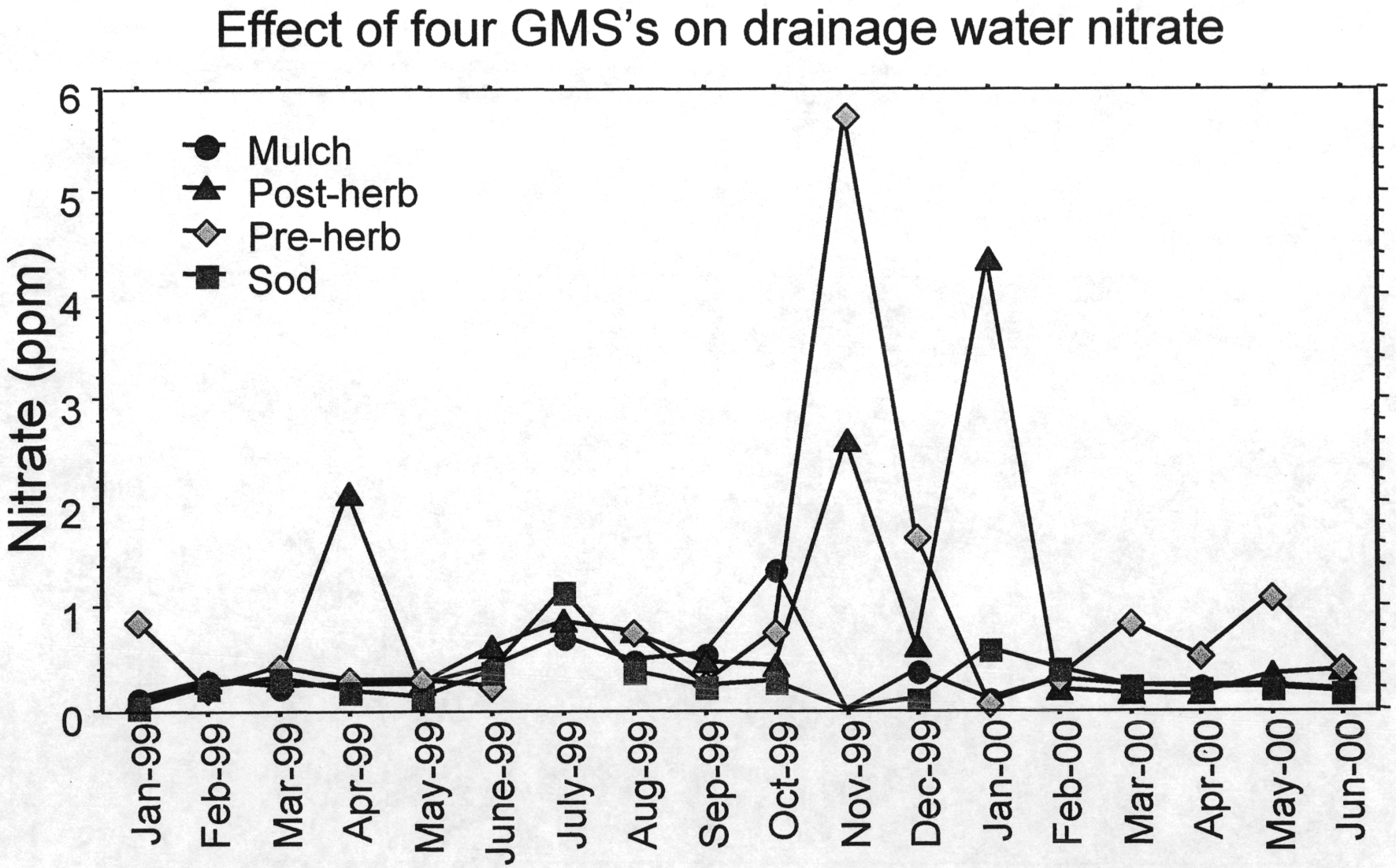

Figure 9. Effect of four GMS treatments on nitrate content in drainage effluent averaged by month.

Effect of Four GMS's on Drainage Water Nitrate

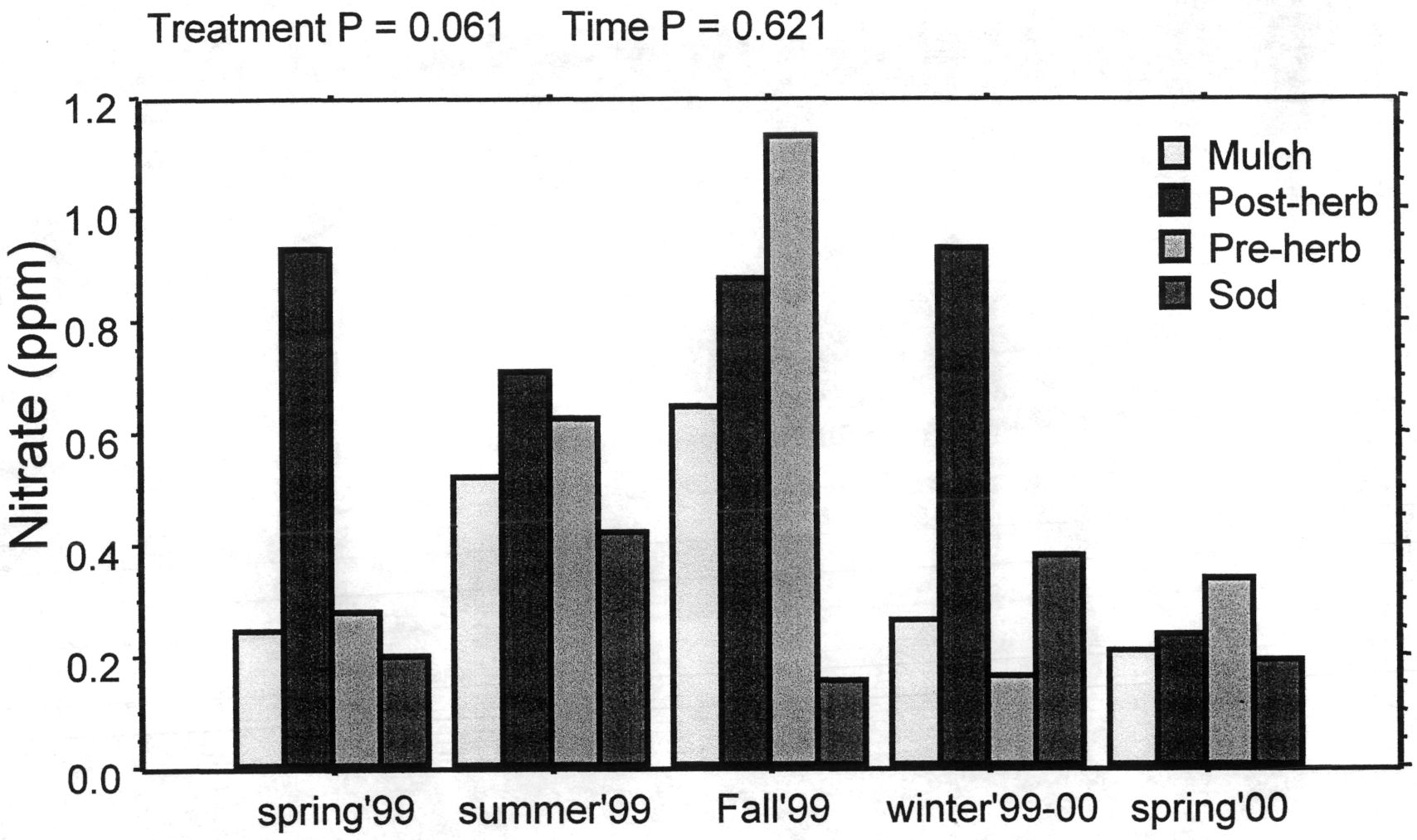

Figure 10. Effect of four GMS treatments on nitrate content in drainage effluent averaged by season.

NATIONAL AGRICULTURAL LIBRARY
1022462772