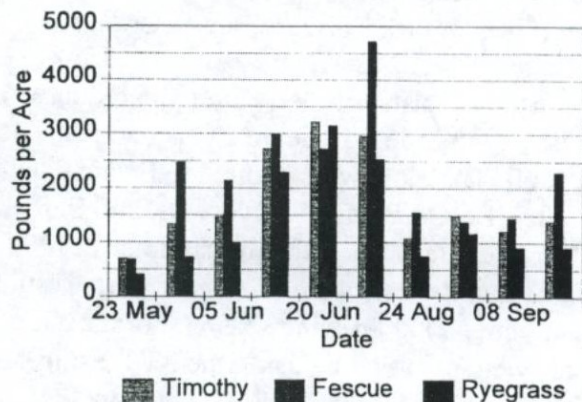


% TDN and Relative Feed Value: Again tests here did as expected. As the crop matured, the % TDN and Relative Feed Value went down. Ryegrass continually had the highest values with tall fescue having the lowest. This is just the reverse of yield for the two grasses.

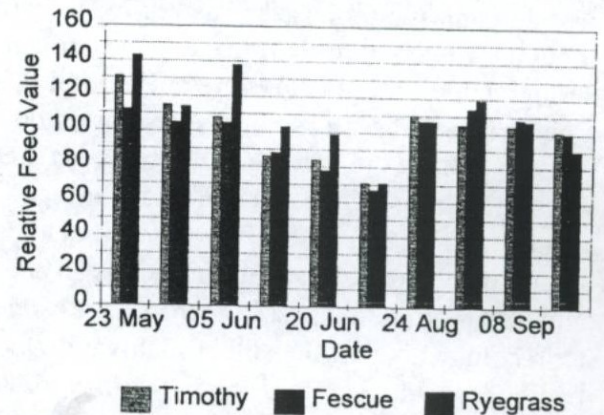
TDN per Acre: This is where things get interesting. Even with its lower feed value and % TDN because of its high yield, tall fescue actually out performs the other grasses in nutrients produced per acre. Likewise, because of its low yield, ryegrass produced the least nutrient per acre even though it had the highest % TDN.

Observations and Conclusions: These results are based on only one year's data and, therefore, of limited reliability. In comparing these three grasses (Timothy, Tall Fescue, and Ryegrass) what you plant will depend on what results you want. Tall Fescue appears to be choice for high yield with a somewhat lower feed value. Ryegrass will give you the best quality even in late cuttings, but your yield potential will suffer for it. Timothy seems to be middle of the road all the way around. For all of the grasses, an earlier cutting will give better quality with small decreases in yield. Palatability and length of stand will be looked at over the next few years. At this time, Don's sheep seem to be eating all three grasses without any problems.

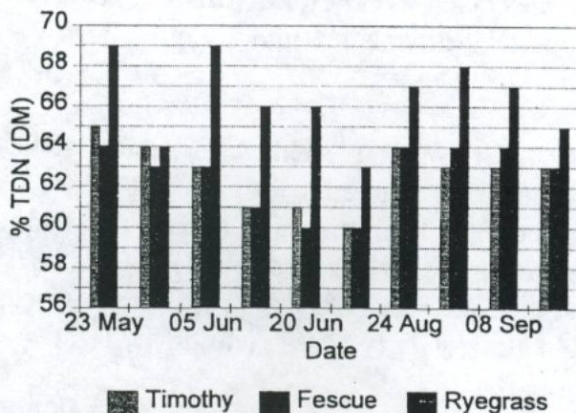
Dry Matter Yield



Relative Feed Value



%TDN



TDN per ACRE

