through the radiator;

4. Due to the above condition there is a great tendency for detonation to occur. Detonation results in an added increase in temperature and pressure of combustion chamber gases, causing much higher piston, ring and cylinder wall temperatures;

5. The oil throw-off from connecting rod bearings and the flow of oil through the engine are reduced to a slower rpm. Since oil acts as a coolant as well as a lubricant, its reduction cuts down on the protection of these parts.

Kerosene is not detrimental to the lubricating quality of an engine oil. What is more, it is a big help in getting an engine started when the thermometer drops.

**Illinois Short Course**

A short course in turf management will be offered for the first time by the University of Illinois, Urbana, this winter. It will run from Feb. 1 through Mar. 12, 1965. The student will have the choice of ten subjects and certificates will be awarded to those who complete the course. The estimated cost of the six weeks is from $215 to $270, including tuition, fees, housing and meals. Inquiries should be sent to Short Course Supervisor, 104 Mumford Hall, College of Agriculture, U. of Illinois, Urbana.