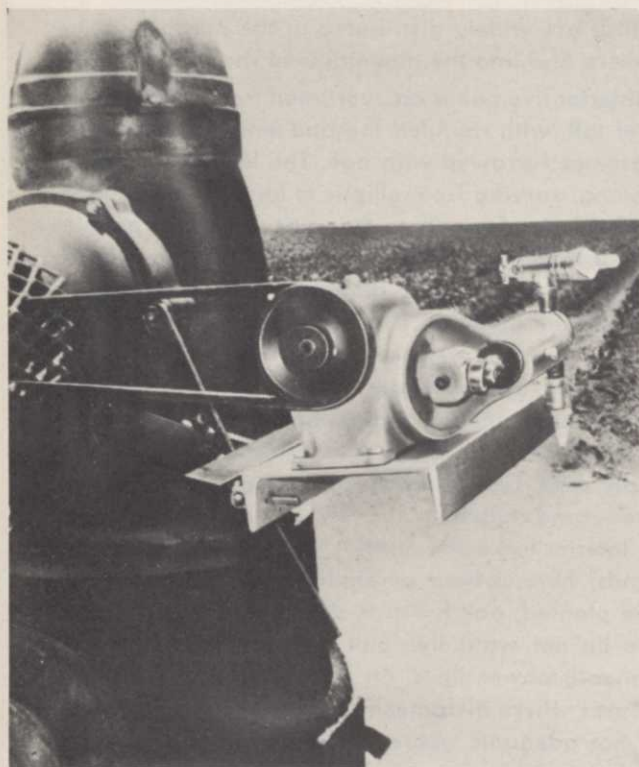
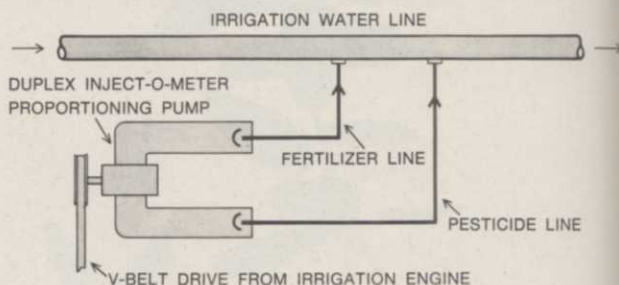


New Products . . .

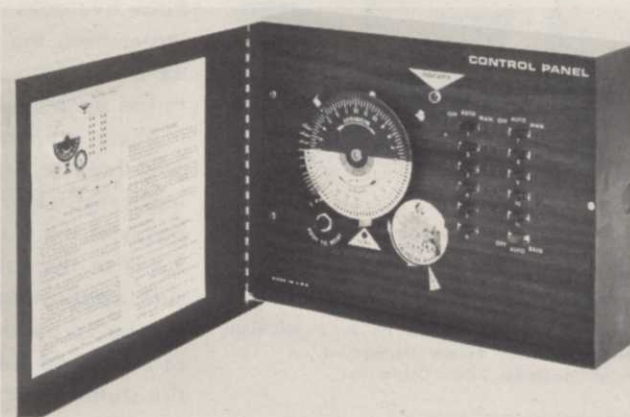
Designed for the Turf Irrigation Industry



Metered amounts of fertilizers, herbicides, pesticides, or fumigants can be applied simultaneously by means of adjustable output, Model 67-JP "proportioning pump." Offered by Inject-O-Meter Manufacturing Co., Box 1044, Clovis, New Mexico, pump can operate by means of a V-belt from the drive shaft of an irrigation engine (see photo), or with its own separate electric motor. Widely used for controlling liquid feeds of treatment chemicals in industrial plant operations, the proportioning pump provides a dependable method of accurately regulating the proportion of liquid additive to irrigation water. Simplex Proportioning Pump with V-Belt drive, left, and schematic diagram showing how proportioning pump (duplex) meters fertilizer and pesticide into irrigation water line, below.



Toro's new "Vari-Time" Control System has a central control (top) which signals satellite controls electrically. The satellites (each controls 11 stations) then send hydraulic (or electric) signals to open and close all valves. Only three central controllers are required to signal an entire golf course sprinkler system for automatic or semi-automatic operation, or by-pass, as the weather dictates. Toro Manufacturing Corp., 8111 Lyndale So., Minneapolis, Minn. (See pictures below).



Executive 11 & 5-station automatic sprinkler controller has a 14-day calendar wheel for automatic round-the-clock operation. Variable timer permits programming of water zones to specifications. Write: Turf Irrigation Corp., 517 Atlantic, Freeport, N. Y. 11520.



Non-electric timer controlled irrigation valve, incorporating numerous new engineering features, has been introduced by Test Corporation, P. O. Box 566, Ashland, Ohio. Valve is completely automatic and operated by water pressure in main line. Time control will rewind itself and can be programmed to open the valve automatically any time during the day or night. Watering duration is adjustable from 10 minutes to 1 hour as often as required. New valve has application in automatic irrigation where no electric supply is available.

