

ANALYSIS OF BIG SIZE SEMI-PORTABLE SPRINKLER IRRIGATION SYSTEM

Introduction. In semi-arid climatic conditions, the semi-portable big size sprinklers are common to irrigate vegetables. There are not experience about irrigating with big size sprinklers that can work on high flow rates and sizeable layouts spacing in Uzbekistan. This method is considered workable in Iran. In this country, this method is used in nearly 49% of the total pressurized irrigation areas and 85 % of sprinkler irrigation surfaces. This system plays a key role in agricultural field especially some regions like Khuzestan. More than 73% of its total pressurized irrigation surface and 99% of sprinkler irrigation area are irrigated with this method.

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