

Global summit on
Agriculture & Organic farming

August 25-26, 2022 | Webinar

^ Đ < ... < ‡ • - < ” ” < % f - < ‘ • • f • f % ‡ • ‡ • - ^ ‘ ” • — • - f < • f „ < Ž < - ‡ • ~ < ” ‘ • • ‡ • -

Rajwinder Kaur

% œ š u v š K (^ } o v t š œ } v • œ À Ÿ } v U / v]

Irrigated agriculture is playing a major role in enhancing food and livelihood security of the country. Issues related to water resources are directly linked to cropping pattern of a particular area. The crop water requirements help us in arriving at the volume of water utilised for irrigation purposes and defining deficiency or surplus of storage of surface water as well as ground water recharged. It also indicates the nature of interventions required for bringing about water use efficiency. Now, conveyance of water through underground pipelines instead of open water channel has also been recommended for undulating land and highly permeable soils. In view of the urgent need to maximize use of the available resources, it is imperative to effect utmost economy in water use by adopting efficient and advanced methods of irrigation. Pressurized irrigation methods such as through Sprinkler, Drip, Micro Sprinklers and Rainguns, which is run by solar energy, offer possibilities of achieving higher efficiencies of water use through controlled water distribution (cgn. P)9 . Indexed irrvview o-8 (e o-6 (r)-4 (b)1125t)-