

Extension Project of Using Subsurface Drip Irrigation Systems in Cotton and Corn

Research Area	
Research Program	Extension project
Executive Institute	International Agricultural Research And Training Center
Supporting Institute/s	İzmir Directorate of Provincial Agriculture And Forestry / Ege University Faculty of Agriculture
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Project Period	01.01.2018 – 31.12.2019
Project Summary: <p>The fact that Turkey is located in the arid and semi-arid climate zone and using 70% of the available water resources for irrigation, it makes compulsory to use modern pressurized irrigation systems that use irrigation water effectively in agriculture. Subsurface drip irrigation system(YADS) is one of these systems and uses water most effectively.</p> <p>The subsurface drip irrigation system(YADS) is one of the new irrigation technologies and being use rapidly in İzmir. Besides due to the lack of information, all applications are carried out at the companies whose objective is only sell materials. The final report was established in 2016 of the "Composing of Irrigation Program by Sub-Surface Drip Irrigation Systems for Cotton and Corn" project carried out by our directorate between 2012-2016. Within the scope of the project, irrigation programs determined for cotton and corn irrigated by subsurface drip irrigation system, evapotranspiration and water use efficiencies were determined for each these crops and it is aimed to be transferred obtained information about operation, maintenance and communication of the system by this extension project.</p> <p>This extension Project will be carried out in Menemen, Torbalı, Bergama and Ödemiş.</p> <p>Key words: Cotton, Corn, Subsurface drip irrigation, Extension</p>	