

Fertilizer application device includes a vessel for the fertilizer solution and a connector designed to be connected to the fluid flow in the pipeline. Wherein, the vessel for the fertilizer solution located in the tank, which is sealed by a main lid featuring a filler neck with a cap for adding the fertilizer solution. In the body of the tank, there are openings for installing a Venturi tube, which contains high-pressure chamber A, connected to the irrigation system's inlet pipe; pressure drop zone C, and low-pressure chamber B, connected to the irrigation system's outlet pipe. Wherein, the pressure drop zone C is connected via a check valve to the fertilizer metering valve and the suction filter located in the fertilizer solution vessel.