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New Product Launches



Super Suction Venturi injector

Now you can deliver uniform and larger quantities of plant nutrients, chemicals, fertilizers with minimum energy loss with our nutrient injector system - Automat's Super Suction Venturi Injector.

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Quick Coupling Valve & Key – Brass / Bronze

Our Quick Coupling Valve is your connectivity solution for quick access to water supply in irrigation systems

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Industry News





Micro-irrigation projects under PMKSY, critical to making India drought-proof have met overall targets – but a deeper analysis shows only a few states have enabled this growth.

Only Andhra Pradesh, Karnataka, Gujarat, Maharashtra, and Tamil Nadu have accounted for 78% of the coverage growth during 2017-18. Top performer Andhra Pradesh grew micro-irrigation coverage by 186,444 hectares while Karnataka added 164,967 hectares. Gujarat stood third, bringing 143,134 hectares under the irrigation network.

Insights from our Think Tank

Climate change is taking a toll on India's agricultural productivity and farmers' incomes [The Economic Survey 2018](#) shows.

Table 1. Impact of Weather Shocks on Agricultural Yields

(percentage decline in response to temperature increase and rainfall decrease)

	Extreme Temperature Shocks	Extreme Rainfall Shocks
Average Kharif	4.0%	12.8%
Kharif, Irrigated	2.7%	6.2%
Kharif, Unirrigated	7.0%	14.7%
Average Rabi	4.7%	6.7%
Rabi, Irrigated	3.0%	4.1%
Rabi, Unirrigated	7.6%	8.6%

Source: Survey calculations.

 (Economic Survey 2018)

While temperature and rainfall variations affect agriculture, effects are even more adverse in unirrigated land vs irrigated areas.

Since approximately 52% (73.2 million hectares area of a total 141.4 million hectares net sown area) of India's total land under agriculture are still rain-fed, we see challenges ahead.

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