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03-07-2014

Pusa agro institute to treat sewage water for irrigation

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NEW DELHI: Indian Agricultural Research Institute (IARI), Pusa, has found an eco-friendly way to irrigate its farmland. It has set up a sewage water treatment plant which will make sewage water from a residential colony on the campus fit for irrigation without using any chemicals.

The treatment plant, set up on four acres of land with an investment of ₹1.2 crore, was inaugurated on Wednesday by agriculture minister Radha Mohan Singh.

"The plant will treat sewage water of a residential colony of the IARI without using any chemicals. It has a capacity to process 2.2 million litres per day. The treated water will be used to irrigate farm fields in the campus," said Ravinder Kaur, Project Director at Water Technology Centre of IARI.

According to Kaur, the IARI campus is spread over 500 hectare of which 290 hectare is agricultural land meant for research. But only 200 hectares of the fields are irrigated while the rest of the farm fields have been facing a water deficit of 520 million litres per year.

But the treated water will now be used to irrigate 132 hectares which will also save the IARI an annual expenditure of about ₹18 lakh.

प्रतिलिपि:

1. निदेशक कार्यालय
2. संयुक्त निदेशक (प्रसार)
3. अध्यापक/संयुक्त निदेशक (शिक्षा)
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