

The Integration of Crops and Water Resources in Punjab

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Abstract: *In spite of the fact that it contains just 1.5% of the total land area of the nation, the state of Punjab has seen tremendous expansion in the agricultural sector, notably in the production of food crops. Agriculture in the state is given a boost thanks to the green revolution. Because of the region's high rate of agricultural production, Punjab is often referred to as the "breadbasket" of the nation. The natural resources are being utilised to their maximum capacity in order to maintain the current level of agricultural development in mono-crops (rice and wheat). The Indian state of Punjab is now struggling with an issue related to the depletion of ground water. The adoption of more contemporary agricultural methods has raised significant concerns over the viability of continuing to rely on groundwater for agricultural purposes. It is essential that some land be converted to other crops that are acceptable to consumers via the use of market incentives, particularly in regions where rice output is poor. In order to make efficient use of available water supplies, one of the primary goals should be to spread awareness about drip irrigation and sprinkler systems.*

Keywords: Agriculture, Groundwater

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