

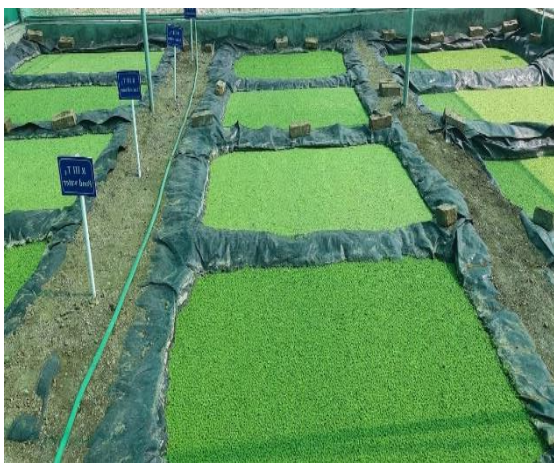
Azolla cultivation and promotion as a supplementary nutritive feed to livestock

Abstract

The fern Azolla is considered as a good feed for livestock as it contains high amount of protein, essential amino acids, vitamins, growth promoters, and minerals. As a supplementary nutrition feed, it is commonly used in cattle, sheep, goats, and poultry. It is becoming increasingly popular among livestock managers who use movable plastic beds. The project was implemented in Sangmner and Akole talukas of Ahmednagar district, covering 100 livestock- farming families in 14 villages. Livestock Feeding trials and cultivation of azolla have been demonstrated at Urulikanchan and Wagholi.

Salient features of the technology

- Azolla cultivation trials (using water from Well, River, Borewell, Sewage, and House waste water) have been conducted at the BAIF campus.
- The azolla as supplementary feed has resulted in significant weight gain in chicken and goats.
- The use of azolla as supplementary feed has found to increase the fat content in the milk of milching animals.



Azolla cultivation trial under shade net at BAIF campus



Azolla as a supplementary feed to cattle

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