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A REVIEW

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Resource conservation technology for weed management

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ABSTRACT : Weeds reduce crop yields and can lead to total crop failures if not controlled. Weeds continue to be an important constraint in crop production. Despite the best efforts made in research and extension in the field of weed science, the farmers continue to experience heavy losses in crop yield due to weed interference. A conservative estimate of about 10 per cent loss would amount to a loss of about 25 million tonnes of food grains, currently valued at approximately USD 13 billion. Losses of similar fashion may occur in plantation crops, fruits, vegetables, grass lands, forestry and aquatic environment. The total economic losses will be much higher, if indirect effect of weeds on health, loss of biodiversity, nutrient depletion, grain quality etc is taken into consideration.

KEY WORDS : Weed, Management, Resource conservation

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