

Role of planting methods and weed management strategies

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Abstract

Weeds plays most significant role to the formation of long lasting agriculture productivity. Weeds determines most agriculture production techniques and generate huge losses 37% loss has obtained to their weed interference. Farmers applies different studies to overcome the weeds in to various crops and cropping systems. In this the most common way is using of herbicides which is now ahead of the list owing to lack of man power. Environmental, social, and economic issues about global competitiveness, production costs, soil erosion, pollution, and concerns about the quality of rural life. enhancing crop competitiveness through preventative measures and cultural practises. The key concept in new weed management practices will be to improve agricultural competitiveness by using preventative measures, cultural practises, mechanical methods, plant breeding, biotechnology, biological control, and crop diversity. Integration of the current aspects is essential for long-term weed control that maintains or improves crop yield, profitability, and environmental quality. The scope of sustainable weed management, rising worries about herbicide resistance, environmental and health hazards of pesticides, including herbicides, and diminishing profitability are the key difficulties of 'high input' agriculture.

Keywords: competitiveness, environment, production, pollution, pesticides, herbicides.