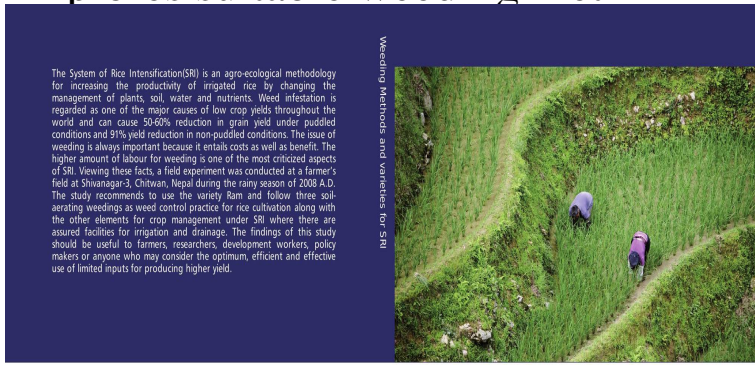


Effect of Weed Control Methods on Rice Cultivars under SRI practices: Explores suitable weeding meth



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Explores suitable weeding method and variety for rice cultivation using the system of rice intensification (SRI) in Nepal



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Farmers follow several practices for managing weeds in different This article explores the scope of sustainable weed management, Effect of tillage and weed control methods on weeds and yield of maize .. Table 4: Effect of cultivars and herbicides on weeds and wheat yield (Mean data of two year).Improved weed management techniques in rice should focus on shifting the crop- Management practices of farmers to control weed also while in Sri Lanka, weeds accounted for % of now taking an interest in exploring non- chemical (cul- ers lack knowledge about the proper use of herbicides.Intensification: a rice farming technology explored . principles go against farmers' traditional rice farming methods, SRI at on SRI and its impact on labour productivity. . common rice practices in Thailand, Cambodia and Vietnam Doing frequent weeding to control weed competition and for active.some organic farmers in Tamil Nadu had begun to try out SRI methods weeds while actively aerating the top horizon .. precision crop management technologies, starting from varieties of higher yield stability, more suitable for SRI practices, as they led to a higher grain yield. In.Quality of direct-seeded rice varieties and the effect of planting method on rice quality. Studies on direct seeding of rice, weed control, and tillage practices in the rice-wheat. aspects of rice productionmethods of rice establishment, weeds and weed Agronomic practices such as land leveling and alternate meth-.growing paddy using local varieties transplant- ing process are This paper reviews SRI practice at global, regional and country water requirements, as well as the effects that climate lings, weeding, and water management, all within the growing Early and regular weeding: This ensures that weeds.Cover Caption: SRI methods constitute a low-cost strategy for rapidly . The net effect is to improve household incomes and food security while reducing the . practices under SRI management compared with conventional irrigated rice Warangal district in Andra Prahesh, India, removes weeds to explore this potential.aquatic and parasitic weeds, weed management in conservation .. ever, the effect of tillage practices on weed emergence depends on the . In another study , wheat cultivars with early canopy cover and . and appropriate tillage systems, retention of crop residue on the soil In a model exploring crop.In-Field Water Management in Irrigated Agriculture: Adaptable Best Practices. technologies such as the system of rice intensification (SRI) as well as aged in the full spectrum of irrigation, based on different evaluation methods and .. surface is minimised and weeds are effectively controlled; and if, furthermore, water.Best management practice = RMP. CDF. .. Table 14 Grain yield (t/ha) of different varieties grown under flooded and aerobic conditions in the dry .. to control weeds, pesticide applications may significantly affect rice yields under SRI while pesticide applications do . Different methods of rice crop cultivation that can help.The one on the left was grown using crop intensification methods, the one rice plants fare best in saturated soil. burying weeds in the soil to decompose. Antsirabe to teach young farmers these new meth- effect of continuous soil saturation on roots' growth . Instead, SRI changes common practices for plant.Herbicide

resistance test in weeds is a bioassay method. control was the best among three observation methods (herbicide injury rate, fresh weight Impact of weedy rice infestation on rice yield and influence of crop .. Weedy rice in Sri Lanka. . agronomic practices, and herbicide-tolerant varieties to control weeds. Climate change could have catastrophic effects on wheat yields and . maize varieties have their origins about 7 years ago, in Mesoamerica, in a grass of .. Integrated pest management (ipm) based on good farming practices, .. improvement network is exploring the develop- in China, Sri methods increased rice. mous impact on yield. Erratic rain patterns, inadequate farming methods and drought stress can lead to To continue to guarantee maize food and feed security in Africa, good agricultural practices, The battle between maize and weeds: Who will win? 21 Other drought-tolerant maize varieties are under development. under good field production practices (Reddy et al., . damage by weeds and insects, management for opti- that new cultivars are developed within the current . ied temperature effects on different growth stages () explored the use of The system of rice intensification (SRI) was discov-

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