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RESEARCH PAPER

Residual effect of almix herbicide applied to direct seeded upland rice on succeeding toria under Tripura condition

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Abstract : The field experiment was conducted to assess the residual effect of herbicide applied to direct seeded rice on toria grown at KVK, South Tripura. The experiment consisted of twelve treatments laid out in Randomized Complete Block Design with three replications. Total six numbers of herbicides *viz.*, pendimethalin, 2,4-D, fenoxaprop, bispyribac sodium, metsulfuron methyl+ chlorimuron ethyl (Almix), pyrazosulfuron ethyl was applied alone or integrated with other herbicides or different weed management practices. Among the various herbicide tested in direct seeded upland rice metsulfuron methyl + chlorimuron ethyl (Almix) had exerted residual effect on toria and the effect was evident from poor growth, yield and yield attributing characters of toria. Other herbicide had no residual effect on succeeding toria after rice.

Key Words : Residual effect, Fenoxaprop, Weed management, Almix, Pendimethalin

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