

Farmer-Participatory Variety Trials for Tomato and Chili Pepper in East Java

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Abstract : This study is to test the adaptation capacity of several selected lines and varieties of chili and tomato in farmers' lands. Five improved lines and varieties of tomato and chili were selected based on the best performance in previous trials. Two participating farmers managed the trials. Agronomic aspects were used as performance indicators. The results show that several improved lines of tomato and chili performed better than others. However, the performance was dependent on the altitude and season. Lines performed better and high altitude could not do the same in low altitude, and vice versa. This is the same case as different season. Farmers were expected to select the best lines according to the locations.

Keywords : variety trials, tomato and chili, participatory farmers, East Java

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