

Studies on plating time of rice for single cropping culture in Lan-Yan area¹

Loo-Fong Lee²

summary

The second crop rice yield of Lan-Yan area often damaged by low sunshine and high frequency of seasonal rains which leads to low fertility and low yield. The system of single-crop rice culture has been studied in this experiment. Six varieties of rice were planted at the experimental field once in every month from February to May in 1988 and 1989. The results from these experiments are summarized as follows:

It was observed that those varieties transplanted in March showed higher panicle weight and grain yield than other months. While planted in the May the grain yield was negatively correlated with rainfall ($r=-0.807^*$). It means that the low yield of the second rice crop of Lan-Yan area is caused by the heavy precipitation especially from heading to maturity.

Indica variety performed better than Japonica. Variety Taichung Sen 10 showed higher yield than other. Since the panicle weight of Taichung Sen 10 are heavier than others and easy shattering, the optimum planting and harvesting date should be adopted.

(Key words: Rice, Planting time)

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² Associate agronomist, Lan-Yang Branch station.