

**Bacterial(*Xanthomonas oryzae* pv. *oryzae*) Concentration in
Irrigation Water in Customary Occurrence Area of Bacterial Leaf
Blight of Rice**

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Rice bacterial leaf blight by *Xanthomans oryzae* pv. *oryzae* was transmitted by irrigation water, however, farmers have been use the contaminated water to agricultural chemicals spreading that could be conducive to more disease occurrence. So, there is needed a method to protect the rapid disease spreading by using contaminated water. Bacteriophage density was increased in the irrigation water from middle of July to middle of August reached pick which was same trend of bacterial leaf blight epidemic. Infected leaf area rate were 20~95% used irrigation water but were decreased to 0~15% when used clean underground water.