Diversity of Local Rice varieties and Conservation in NaiMuang and Sai Ngam district, KamphaengPhet.

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Local rice varieties and conservation in NaiMuang and Sai Ngam district, Kamphaeng Phet were examined by surveying and collection of local rice seeds. The suitable area for local rice planting was collected using GPS coordinates for local rice plant data using Geographic Information System: GIS. The results indicated that Nai Muang district contained 10 local rice cultivatars, Khao′ JaoHawmDawk Mali Daeng, Khao′ JaoKhaoGawDiaw 35, Khao′ JaoKhaoTah-kleuap, Khao′ JaoLeuangPratan, Khao′ JaoSohMaa Lee, Khao′ Jao Hawm Su-rin, Khao′ Jao Hawm Nil, Khao′ Niaw San-pah-tawng, Khao′ Niaw Leuang Noi and Khao′ Niaw Dam. Three local rice cultivars were found in Sai Ngam district, Khao′ Jao Hawm Dawk, Mali Daeng, Khao′ JaoHawm Nil and Khao′ Niaw Dam. On the other hand, the obtained GIS data showed that rice growing areas in Sai Ngam district were larger than Nai Muang district. Rice planting by farmers from Nai Muang district was based on the principle of Sufficiency Economy, and some farmers collected seed of local rice cultivars for conservation while Sai Ngam district grew rice for consumption and sales.