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# Diversity of Local Rice varieties and Conservation in Nai Muang and Sai Ngam district, Kamphaeng Phet

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## Résumé

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 cultivars, Khao JaoHawmDawk Mali Daeng, Khao JaoKhaoGawDiaw 35, Khao JaoKhaoTah-kleuap, Khao JaoLeuangPratan, Khao JaoSohMaa Lee, Khao Jao Hawm Surin, 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.

**Mots-Clés:** Diversity, Local Rice Varieties, Conservation

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