



## Sustainability Status Assessment (SAA) in the integrated farming system of dairy-cattle and horticultural-crops in Indonesia

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**Abstract** : Integrated farming system of crops-livestock (IFS-CL) –crops including horticulture plant, and livestock including dairy cattle– provides provides several advantages both environmental and economic. The study aims to assess the status of sustainability in integrated farming system of dairy cattle and horticultural crops in Indonesia. The research has been conducted in Nongkojajar, Pasuruan Regency, Province of East Java, Indonesia. Sustainability Status Assessment (SAA) methods that has been used this study is Rapid Appraisal for Crops-Livestock<sub>(dairy)</sub> System (RapCLS) base on economic, ecological, technical, institutional and social (EETIS) dimensions. The sustainability status of the integrated farming system of crops-livestock (IFS-CL) model in Nongkojajar, Pasuruan Regency be in a position quite or fairly sustainable (67,79). Therefore, to improve the sustainability status should be efforts to improve and to increase the value of the attributes of each dimension of continuity, particularly in order to guarantee the sustainability of the two main dimensions, economic and environmental dimensions. EETIS dimensions of sustainability in value up to the category of sustainable status, are the sustainability of ecological dimension (73.88) and the social dimension (71.18), which means socio-ecologically more sustainable, rather than economically (67.98), technology (56.74) and institutional (69.15) which need to be given attention mainly on the attributes of each dimension that is less sustainable.

**Key words:** sustainability status assessment (SSA); economic, ecological, technical, institutional and social (EETIS) dimensions; integrated farming system of crops-livestock (IFS-CL).

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