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Evaluation Method of Compost Humification

¥¥ \$,(Hirohisa Hinata) JÆ ±4 (Daizo Takeuchi)

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Synopsis:

An efficient quantitative evaluation index of various composts is not yet estatelisso that estimation of compost humification has been based on traditional farm compost and has mainly used "experiential theory" for a long time. The purpose of this study is to develop the applying productive and quality managements in the composting production system from organic wastes. Water soluble and ultraviolet absorbed component of compost was separated as molecular weight by the egaleation chromatograph, and the results have revealed a correlation between the molecular weight 1500 under the component volume and humifying level of compost. By using this system, the compost evaluation has become possible and the utilizing techniques have

コンポスト熟成度の評価方法*

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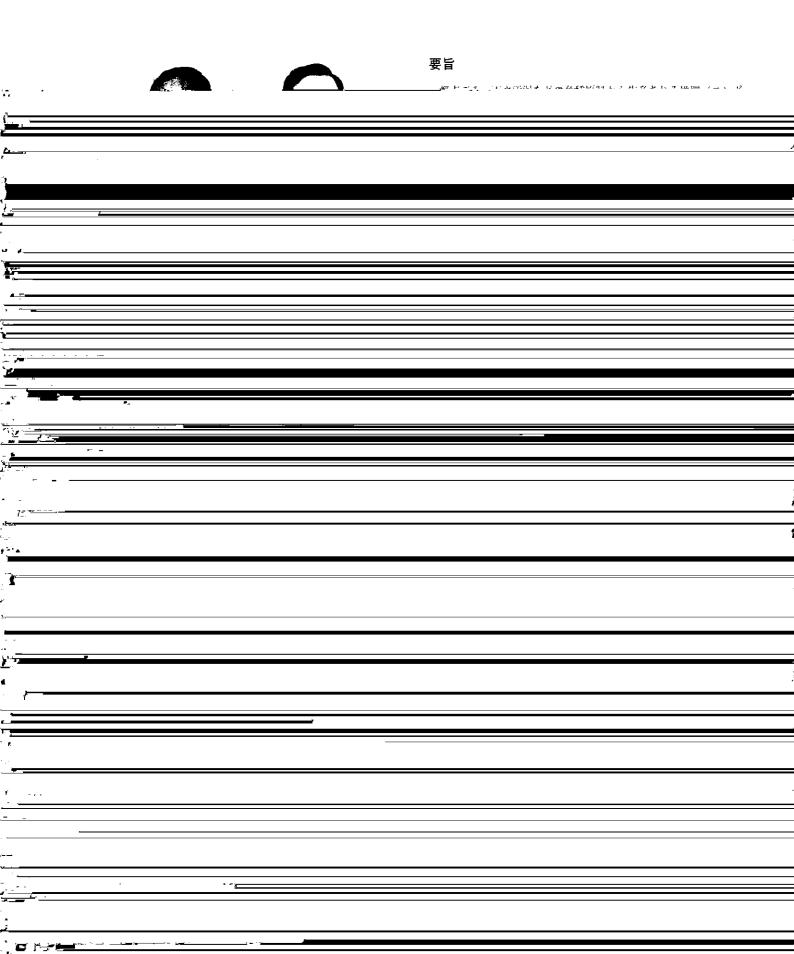
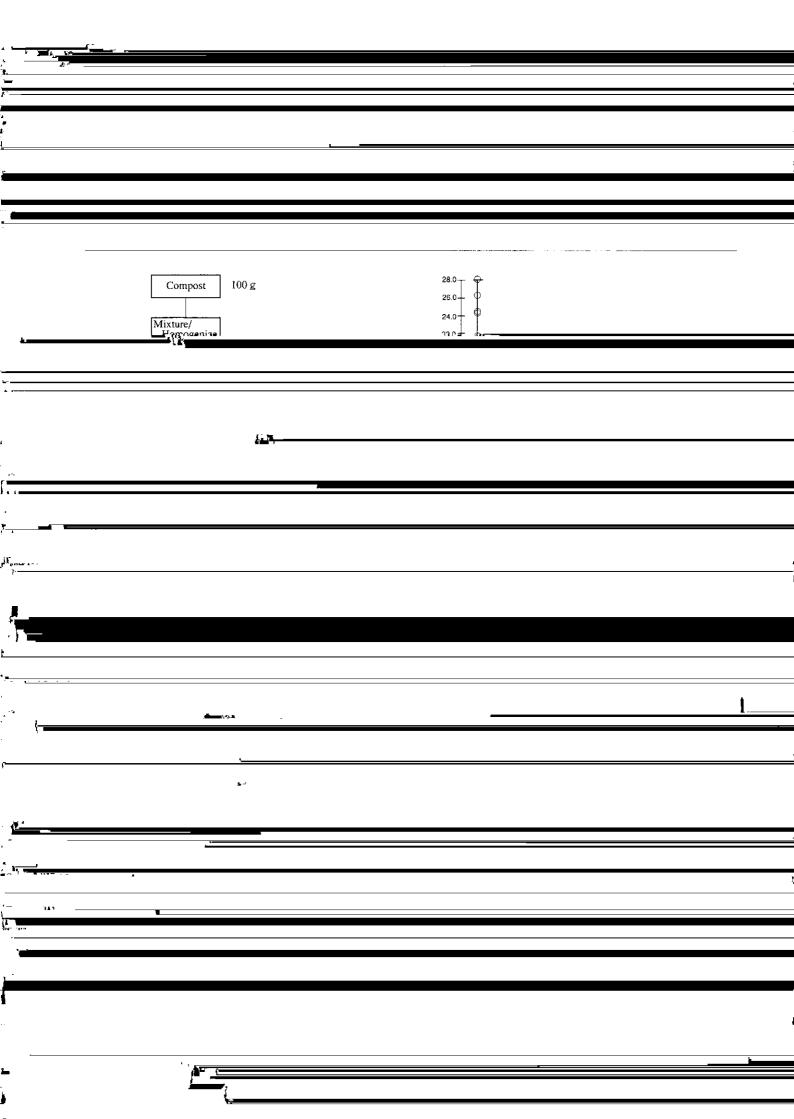
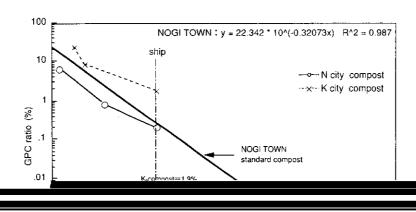


	Table 1 Change of organic component in composting of town waste (dry matter %)					(dry matter %)
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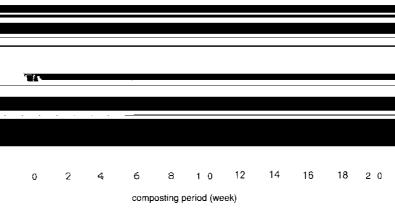


Fig. 9 Composting progress and GPC ratio (commercial plants)