

<b>Research Title</b>	The application of sewage sludge from food industrial plants for Materials Used as Medium for Hydroponics expanded clay
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The subject of this study were investigate to effect of sludge from the sewage treatment plant food on properties of expanded clay . For experimental the law materials include that clay, rice husk or rice husk ash were added sludge from sewage treatment plant food 30 % by volume and varied firing temperature were 400,500, and 600 °C. The results show that The added of sludge from sewage treatment plant food and firing temperature at 400 °C. showed the best properties with added rice husk were organic matter, nitrogen, prosperous, potassium were 1.85 %, 0.27 ppm, 0.19 ppm, 2.38 ppm respectively.and with rice husk ash were organic matter, nitrogen, prosperous, potassium were 1.81 %, 0.30 ppm, 0.21 ppm, 2.93 ppm respectively