Hatchery produced oyster spat from Suratthani Coastal Aquaculture Development Center were experimentally grown-out in tyre trays made of used motorcycle tyre and enclosed with netlon. The oyster with the average size of 3.48 cm. were stocked at 3 densities; 56, 113 and 225 pieces/tray for 237 days. The result showed that the average shell length of oyster of 7.07 cm., 7.13 cm. and 6.89 cm. were obtained, and the survival rate were 88.69 %, 85.55 % and 84.59 % respectively. However, ANOVA showed that the growth rate and that survival rate of the oyster in each stocking rates were not significantly different (P > 0.05). It could be concluded that the culture of oyster in tyre tray at 225 pieces/tray yields for the highest benefits.