In this study, the aim was determined the garlic production cost and profitability of farmers in Kastamonu province. The data were obtained from 105 farmers surveyed. Data belonged to the 2014 production period. According to findings, garlic cultivation area in the average of farmers was 1.13 hectares. The garlic area accounted for 18.2% of total farmland. The level of education of farmers was usually primary school. The average garlic yields per hectare for farmers were 8,208 kg. Farmers were doing garlic producing for more than 22 years. N fertiliser use was about 187 kg per hectare, P amounted to 151 kg, and K was calculated as 105 kg per hectare. 1412 hours workforce per hectare was used for garlic production. Machine power use was calculated as 25 hours per hectare. The 80.84% of the total labour force was hired labour force. The production cost of 1 kg of garlic was calculated as 3.22 TRY. The 20% of farmers were not got profit from garlic production.