Fruits and vegetables are extremely important in the diet because they are source of vitamins, fiber, and also have functional properties. Thus, consumption of three daily servings of fruits contributes to the promotion of health. The objective of this study was the diagnosis of the production chain of fruit and vegetables in the city of Pigeon River, MG. We prepared a semi-structured questionnaire to collect data on the diagnosis of the production chain of fruit and vegetables in the city of Pigeon River, MG, and they are tabulated and analyzed using descriptive statistics. It was found that vegetables were cultivated more than fruit, since they were found fifteen different species of vegetables, especially squash, cabbage and okra, while only eight species of fruit were produced, including mango, guava and passion fruit. Of fruits and vegetables produced 62.5% were destined for markets in the city, 31.5% were destined for Ceasa other cities, 25% sold in open-air market, with 12.5% still intended for school meals. Furthermore, we observed that 62.5% of farmers use pesticides on their crops. Thus, the production of fruits and vegetables in Pigeon River, MG, although a form of income for the rural community, has not received due attention, although the city present climate for various types of cultivation.