The aim of this thesis is to compare the National Footprint Accounts of the Czech Republic in the section of cropland and grazing land for the year 2007 based on globally available data and data available in the Czech Republic, and also to compare these National Footprint Accounts of the Czech Republic based on nationally available data from the years 2007 and 2013. This thesis used the method of calculation of the National Footprint Accounts developed by Global Footprint Network. The ecological footprint of cropland of the Czech Republic is lower according to national data compared to global data while the ecological footprint of grazing land is higher. According to national data, the ecological footprint of both cropland and grazing land of the Czech Republic was lower in 2013 compared to 2007. This work gives an opportunity to compare the calculation of the ecological footprint and biocapacity of cropland and grazing land based on different data sources and to compare the results based on data from 2007 and 2013.