

Maize, Rice, Soybean, and Wheat Yield Trends

Dataset Code: cropTrends

The Maize, Rice, Soybean, and Wheat Yield Trends dataset shows the average annual change in crop yield from 1989-2008. Agricultural crop yield is the amount of crop harvested per area of land. It is used to measure a crop's performance. This study used approximately 1.8 million agricultural census reports from 13,500 political units around the world to determine how crop yield changed over time. The dataset is presented at a spatial resolution of 5 arc minutes, which is approximately 10 kilometers x 10 kilometers at the equator, but changes with distance from the equator."

Citation:

Ray DK, N Ramankutty, ND Mueller, PC West, JA Foley. 2012. Recent patterns of crop yield growth, stagnation, and collapse. Nature Communications. 3:1293 doi: 10.1038/ncomms2296 Accessed through Resource Watch, (26 April 2022). www.resourcewatch.org.

Layers:

Categorical maize, Categorical rice, Categorical soyabean, Categorical wheat

Year/s:
2008

Format:
.tif

Resolution:
5 arc minutes

Units:
Numeric

Source Link:

<http://www.earthstat.org/yield-trends-changes-maize-soybean-rice-wheat/>

