

## Crop Nutrient Balance

Dataset Code: cropNutrientBalance

The Crop Nutrient Balance data set was created by EarthStat, the University of Minnesota's Institute on the Environment and the Land Use (UMN IonE) and the Global Environment Lab at the University of British Columbia (LUGE Lab at UBC). This map shows the excess or deficit of elemental nitrogen and phosphorus globally at a 5 arc minute resolution. These data represent the year 2000 but were calculated from input data sets ranging from 1994-2001.

**Citation:**

West, P. C., Gerber, J. S., Engstrom, P. M., Mueller, N. D., Brauman, K. A., ES Cassidy, PM Engstrom, M Johnston, GK MacDonald, DK Ray, Siebert, S. (2014). Leverage points for improving global food security and the environment. *Science*, 345(6194), 325-328. <http://science.sciencemag.org/content/345/6194/325.abstract>. Accessed through Resource Watch, (26 April 2022). [www.resourcewatch.org](http://www.resourcewatch.org).

**Layers:**

Nitrogen Balance on Landscape, Phosphorous Balance on Landscape

**Year/s:**  
2000

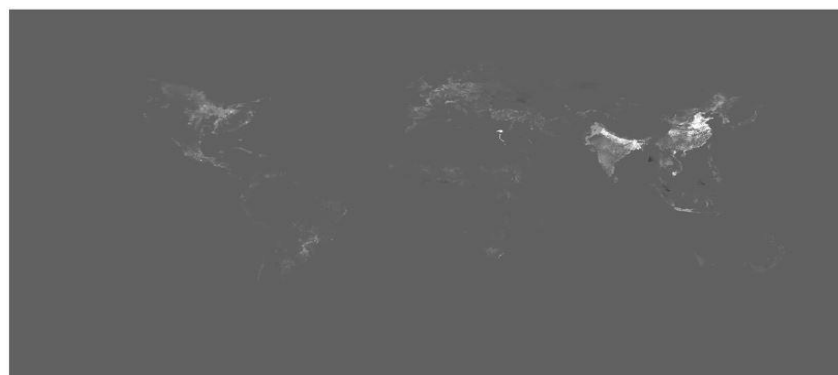
**Format:**  
.tif

**Resolution:**  
5 arc minutes

**Units:**  
Numeric

**Source Link:**

<https://resourcewatch.org/data/explore/foo058-Crop-Nutrient-Balance>



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