

GE/GM VS. Organic Crops: Do Food Labeling Regulations Influence Type of Production?

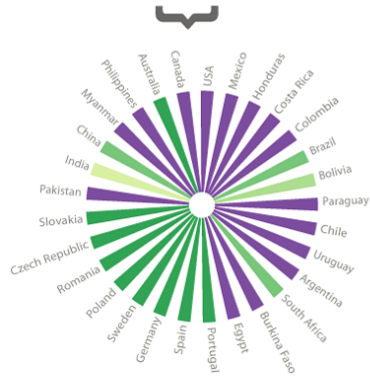
There is certainly debate surrounding whether we should grow, utilize, and consume GE/GM products. This is evidenced by several initiatives calling for the labeling of foods including GE/GM content, the existence of labeling regulations in some countries, and the growing interest in organic foods, which do not include GE/GM content.

(ifoam.org; <http://www.nongmshoppingguide.com>)

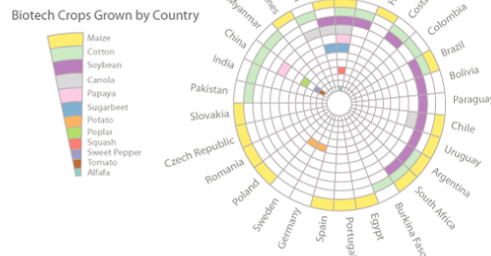
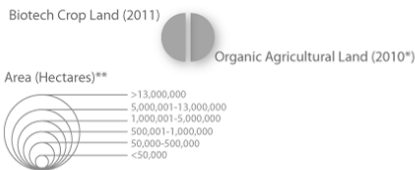
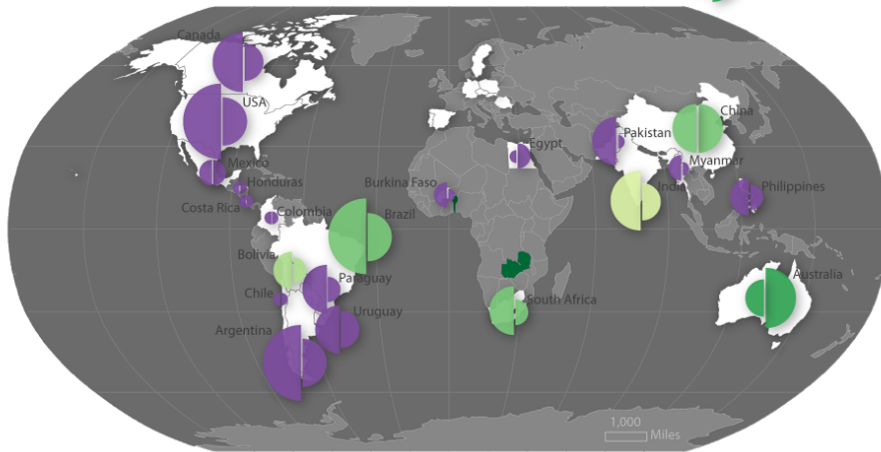
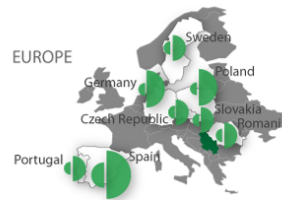
The following map compares the 29 countries that grew GM/GE crops in 2011 (according to the International Service for the Acquisition of Agri-biotech Applications) to their corresponding 2010 area of organic agricultural land. "Biotech" refers to crops which are genetically engineered or modified (hence they are sometimes referred to as GE or GM crops). In the words of the Center for Food Safety, GE or GM crops "are created by artificially inserting genetic material from one or more organisms into the genetic code of another using

modern genetic engineering techniques."

(<http://www.centerforfoodsafety.org/ge-map/#>)



According to the Center for Food Safety, only 3 countries enforce a full ban on GE/GM Foods: **Benin, Zambia, & Serbia**



Metadata:

Map Data: Organic-world.net - according to this source *Organic refers to data collected on agricultural land: currently certified organic, certified in conversion, and/or certified land converted; **Organic Supplementary Details/Definitions:** ifoam.org; <http://www.nongmshoppingguide.com> ~ **Biotech:** isaaa.org ~ **Basemap:** Natural Earth ~ **Map Symbol Color Scheme** Derived From: Colorbrewer2.org ~ **Supplementary Graphics Color Schemes** Derived From: Colorbrewer2.org ~ **Regulation Graphic Data:** Center For Food Safety.org ~ **Crop Graphic Data:** Isaaa.org ~ **1 Hectare = 2.471 Acres ~ Robinson Projection ~ Chloé Quinn, Geography 572, 12.19.2012

