

Extra Credit Articles for Agriculture and Rural Land Use

You may choose up to 5 of these current events to review. [Review forms are available on the class web site or in the folder in the classroom.] You will earn 2 points for each critique you complete up to a total of 10 points. Those points will be added to your unit test grade. These articles will also provide additional information which you may see on unit tests or the National Test on May 13th. To receive the bonus points you must turn in your evaluation **prior to taking the test.**

| ARTICLE | URL |
|--|---|
| 5 times food has changed the course of history | https://www.globalcitizen.org/en/content/5-times-food-has-changed-the-course-of-history/ |
| 6 reasons why people go hungry: Here's a rundown of the factors leading to food insecurity | https://www.globalcitizen.org/en/content/6-reasons-why-people-go-hungry/ |
| A Lonely Quest for Facts on Genetically Modified Crops | http://www.nytimes.com/2014/01/05/us/on-hawaii-a-lonely-quest-for-facts-about-gmos.html |
| A New Kind of Farming is Changing Women's Lives Across An Entire Continent | http://www.takepart.com/article/2015/07/30/africa-sack-farming?cmpid=foodinc-fb |
| Advocating for Truth: GMOs [The Peterson Farm Blog] | https://petersonfarmblog.wordpress.com/2014/09/24/greg-peterson-advocate-for-truth-gmos/ |
| Against the grain | http://www.economist.com/news/asia/21594338-vietnams-farmers-are-growing-crop-no-longer-pays-its-way-against-grain |
| Agriculture and Gender Issues Closing the Gender Gap on the Farm Could End World Hunger | http://www.takepart.com/article/2015/06/11/women-global-hunger-food |
| Agriculture May Have Started 11,000 Years Earlier Than We Thought | http://www.pbs.org/wgbh/nova/next/ancient/agriculture-may-have-started-11000-years-earlier-than-we-thought/?utm_source=facebook&utm_medium=pbsocial&utm_campaign=nova_next |
| All the Countries That Contribute to a Single Jar of Nuts | http://www.theatlantic.com/business/archive/2013/12/map-all-the-countries-that-contribute-to-a-single-jar-of-nutella/282252/ |
| America has fewer and larger farms. Here's why that matters | http://grist.org/food/america-has-fewer-and-larger-farms-heres-why-that-matters/ |
| Beneath the ocean, a sea of drinkable water? | http://www.csmonitor.com/Science/2013/1209/Beneath-the-ocean-a-sea-of-drinkable-water |
| China Fences In Its Nomads, and an Ancient Life Withers | http://www.nytimes.com/2015/07/12/world/asia/china-fences-in-its-nomads-and-an-ancient-life-withers.html?emc=edit_th_20150712&nl=todaysheadlines&nliid=40185695&_r=0 |
| China makes big bet on turning desert into wine region | http://www.cbsnews.com/news/china-aims-become-top-wine-producer-ningxia-region-vineyards/ |
| Chinese Implicated in Agricultural Espionage Efforts | http://www.nytimes.com/2014/02/05/us/chinese-implicated-in-agricultural-espionage-efforts.html?smid=fb-share |
| Chinese Trade Rules Put South Korea's Kimchi Industry in a Pickle | http://www.nytimes.com/2015/07/30/business/international/chinese-trade-rules-put-south-koreas-kimchi-industry-in-a-pickle.html?hp&action=click&pgtype=Homepage&module=photo-spot-region&region=top-news&WT.nav=top-news |
| Chocolate's Child-Labor Problem Keeps Getting Worse | http://www.takepart.com/article/2015/07/31/cocoa-child-labor-report?cmpid=foodinc-fb |
| Climate change and female farms in Botswana | http://www.aljazeera.com/indepth/opinion/2015/06/climate-change-female-farmers-botswana-150611091026193.html |
| Coffee in crisis: the bitter end of our favorite drink? | http://www.bbc.com/future/story/20150728-coffee-the-bitter-end-of-our-favourite-drink |
| Cotton Candy Grapes [video taste test] | https://www.facebook.com/BuzzFeedVideo/videos/1793318164142391/?fref=nf |
| Dominican Republic commits to strengthening cocoa sector for 40,000 farmers | http://www.undp.org/content/undp/en/home/presscenter/pressreleases/2015/06/17/rep-blica-dominicana-se-compromete-a-fortalecer-el-sector-del-cacao-.html |
| Echoing Big Agribusiness, Farmers Sue Monsanto | http://www.theatlantic.com/health/archive/2011/03/echoing-big-agribusiness-farmers-sue-monsanto/73240/ |

| ARTICLE | URL |
|---|---|
| Egg War: Why India's Vegetarian Elite Are Accused Of Keeping Kids Hungry | http://www.npr.org/sections/thesalt/2015/07/14/422592127/egg-wars-india-s-vegetarian-elite-are-accused-of-keeping-kids-hungry?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150714 |
| Factory Farm Cesspools Poisoning Poverty—Stricken Communities in NC | http://www.mfablog.org/factory-farm-cesspools-poisoning-poverty |
| Farmers Are Figuring Out They Can Make Bank Growing Non-GMO Crops—Corn and soy growers are giving up their genetically engineered seed to meet new consumer demand. | http://www.takepart.com/article/2015/04/20/more-money-non-gmo-corn-soy?cmpid=foodinc-fb |
| For generations, these Brazilian women harvested the sea, but industry threatens their way of life | http://www.pri.org/stories/2015-07-02/generations-these-brazilian-women-harvested-sea-industry-threatens-their-way-life |
| From famine to food basket: how Bangladesh became a model for reducing hunger | http://www.csmonitor.com/USA/Foreign-Policy/2015/0617/From-famine-to-food-basket-how-Bangladesh-became-a-model-for-reducing-hunger?cmpid=FB |
| Ghana's women farmers resist the G7 plan to grab Africa's seeds | http://www.theecologist.org/campaigning/2874165/ghanas_women_farmers_resist_the_g7_plan_to_grab_africas_seeds.html |
| GMO's And The Dilemma of Bias | http://www.npr.org/sections/13.7/2014/01/07/260184901/gmos-and-the-dilemma-of-bias?utm_content=socialflow&utm_campaign=nprfacebook&utm_source=npr&utm_medium=facebook |
| Here's the Staggering Amount of Meat China Eats—and How That Affects the Rest of the World | http://www.takepart.com/article/2015/06/29/china-insatiable-appetite?cmpid=foodinc-fb |
| How a Show About Farmers Got 20+ Million Viewers: Tanzania's Newest Celebrities: Female Farmers | http://www.takepart.com/article/2015/07/30/female-farm-heroes?cmpid=foodinc-fb |
| How agro-commodity traders can help the SDG's and reduce poverty | http://www.undp.org/content/undp/en/home/blog/2015/5/29/How-can-agro-commodity-traders-contribute-to-the-SDGs/ |
| How drones could replace workers on American farms | http://www.pbs.org/newshour/rundown/farmers-frustrated-lack-drone-access/ |
| How Will We Feed a World of Nine Billion People? | http://news.nationalgeographic.com/2015/07/150701-hunger-food-agriculture-population-ngbooktalk/ |
| How women farmers in the Andes use their knowledge to conserve biodiversity | http://www.csmonitor.com/Business/The-Bite/2015/0630/How-women-farmers-in-the-Andes-use-their-knowledge-to-conserve-biodiversity?cmpid=FB |
| India's independent farms embrace organic | http://america.aljazeera.com/articles/2015/5/31/indias-independent-farmers-embrace-organic.html?utm_content=main&utm_campaign=ajam&utm_source=facebook&utm_medium=SocialFlow |
| Inside the World's Largest Food Company You've Probably Never Heard Of | http://www.npr.org/sections/thesalt/2015/07/10/421532548/inside-the-world-s-largest-food-company-you-ve-probably-never-heard-of?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150710 |
| Local Food Is Still A Niche. Can It Grow Beyond That? | http://www.npr.org/sections/thesalt/2015/06/22/415554585/local-food-is-still-a-niche-can-it-grow-beyond-that?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150622&fb_ref=Default&fb_source=message |
| New app helps farmers in Kenya find climate-smart seeds | http://www.csmonitor.com/World/Making-a-difference/Change-Agent/2015/0619/New-app-helps-farmers-in-Kenya-find-climate-smart-seeds?cmpid=FB |

| ARTICLE | URL |
|--|---|
| Palm Oil Company Is Accused of Exploiting Liberia's Ebola Crisis | http://www.nytimes.com/2015/08/02/world/africa/palm-oil-company-is-accused-of-exploiting-liberias-ebola-crisis.html?smid=fb-share |
| Palm Oil Is In Everything—And It's Destroying Southeast Asia's Forests | http://www.huffingtonpost.com/entry/palm-oil-impacts_55a4c391e4b0b8145f737dd5 |
| Panel Warns of Risks to Food Supply From Climate Change | http://www.nytimes.com/2013/11/02/science/earth/science-panel-warns-of-risks-to-food-supply-from-climate-change.html?smid=fb-share&r=0 |
| Raids on Quebec maple-syrup “delinquents” leaves producer with bitter taste. | http://www.theglobeandmail.com/report-on-business/raids-on-quebec-maple-syrup-delinquents-leaves-producer-with-bitter-taste/article11324057/?cmpid=rss1 |
| Scotland Bans Genetically Modified Crops | http://thinkprogress.org/climate/2015/08/10/3689773/scotland-bans-gmos/ |
| 'Sea Slaves': The Human Misery That Feeds Pets and Livestock | http://www.nytimes.com/2015/07/27/world/outlaw-ocean-thailand-fishing-sea-slaves-pets.html?smid=fb-share |
| Searching for the truth about genetically modified foods | https://www.washingtonpost.com/lifestyle/food/genetically-modified-foods-what-is-and-isnt-true/2013/10/15/40e4fd58-3132-11e3-8627-c5d7de0a046b_story.html |
| Seeds of Freedom (2012) | http://www.filmsforaction.org/watch/seeds_of_freedom_2012/ |
| Squeezed By Drought, California Farmers Switch To Less Thirsty Crops | http://www.npr.org/sections/thesalt/2015/07/28/426886645/squeezed-by-drought-california-farmers-switch-to-less-thirsty-crops |
| Start Getting Used to the Idea of Eating Really Different Kinds of Bananas | http://www.citylab.com/design/2013/12/start-getting-used-idea-eating-really-different-kinds-bananas/7902/ |
| Starving for Answers: Why Hunger and Thirst Don't Have to Doom the World. Don't Let Food Be the Problem Don't Let Water Be the Problem | http://foreignpolicy.com/2015/07/20/starving-for-answers-food-water-united-nations/?utm_source=Sailthru&utm_medium=email&utm_term=%2AEditors+Picks&utm_campaign=2015_EditorsPicks_German_Embassy_Jul20 |
| Sushinomics: How Bluefin Tuna Went From Cat Food to Solid Gold | http://www.theatlantic.com/international/archive/2014/01/sushinomics-how-bluefin-tuna-became-a-million-dollar-fish/282826/ |
| Tanzania becomes a battle ground fight over genetically modified crops | https://www.washingtonpost.com/world/africa/tanzania-becomes-a-battleground-in-fight-over-genetically-modified-crops/2013/10/06/94ee9c2c-27ac-11e3-ad0d-b7c8d2a594b9_story.html |
| Tea time in China—Video | http://www.cbsnews.com/videos/tea-time-in-china/ |
| Texas floods to bring cheaper beef as fields finally turn green | http://www.dallasnews.com/business/headlines/20150603-texas-floods-to-bring-cheaper-beef-as-fields-finally-turn-green.ece |
| The Amazing Art of Bread Baking in Tajikistan [National Geographic Video] | http://video.nationalgeographic.com/video/short-film-showcase/the-amazing-art-of-bread-baking-in-tajikistan?utm_source=Facebook&utm_medium=Social&utm_content=link_fb20150802video-breadbakingvod&utm_campaign=Content&sf11594664=1 |
| The Elders of Organic Farming | http://www.nytimes.com/2014/01/25/business/the-elders-of-organic-farming.html?smid=fb-share |
| The Eyes of Nye—Genetically Modified Foods | https://www.youtube.com/watch?v=GKm2Ch3-Myg |
| The Great American Menu: Foods Of The States, Ranked and Mapped | http://deadspin.com/the-great-american-menu-foods-of-the-states-ranked-an-1349137024 |
| The Hunger Game | https://www.foreignaffairs.com/articles/2015-06-16/hunger-game |
| The Most Popular Eating Banana Might Soon Go Extinct | http://www.smithsonianmag.com/smart-news/most-popular-eating-banana-might-soon-go-extinct-180955517?utm_source=twitter.com&utm_medium=socialmedia&utm_campaign=06012015&utm_content=smartnewspopularbanana |
| The Precision Agriculture Revolution | https://www.foreignaffairs.com/articles/united-states/2015-04-20/precision-agriculture-revolution |

| ARTICLE | URL |
|--|---|
| The Trade Game: Foods the U.S. Buys and Sells Around the Globe | http://www.takepart.com/article/2015/06/29/united-states-imports-exports |
| The Water-Hogging Crops That Put Food on the Table for Low-Income Workers | http://www.takepart.com/article/2015/06/03/water-sucking-crops-also-provide-more-farm-jobs-and-revenues |
| The Wheels of Crime Are Greased With Olive Oil [Monopoly?] | http://www.theatlantic.com/magazine/archive/2015/07/high-cost-food-fraud/395327/?utm_source=SFFB |
| The World's Biggest Coffee Drinkers | http://www.theatlantic.com/business/archive/2014/01/here-are-the-countries-that-drink-the-most-coffee-the-us-isnt-in-the-top-10/283100/ |
| These companies own-all-food brands | http://mentalfloss.com/article/57742/these-companies-own-all-food-brands |
| This Floating Solar Farm Could Change The Way We Grow Vegetables | http://www.huffingtonpost.ca/2015/06/02/floating-solar-farm_n_7455034.html?ncid=fcbklnkushpimg00000010 |
| This is how to farm with 95% less water | http://www.cnn.com/2015/06/24/vertical-farming-the-next-big-thing-for-food-and-tech.html |
| Tossed Out: Waste Not, Want Not | http://video.pbs.org/video/2365329914/ |
| Ultimate Hot Dog Style Guide | http://www.dailyinfographic.com/the-absolute-ultimate-hot-dog-guide?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+DailyInfographic+%28Daily+Infographic%29 |
| Watch What It's Like to Live Amidst Industrial Hog Farms [Some terms on links may not be appropriate depending on your community.] | http://m.motherjones.com/tom-philpott/2015/07/video-were-hog-producer-world-yay-usa |
| We Are Literally Farming Ourselves Out of Food | http://www.huffingtonpost.com/joel-k-bourne-jr/farming-ourselves-out-of-food_b_7738744.html?ncid=edlinkushpimg00000141 |
| What Americans Can Learn From Other Food Cultures | http://ideas.ted.com/what-americans-can-learn-from-other-food-cultures/ |
| What genetic engineering and organic farming have in common | http://ideas.ted.com/what-genetic-engineering-and-organic-farming-have-in-common/ |
| What Happens When a Hunter-Gatherer Society Runs Out of Food? | http://www.theatlantic.com/video/index/394583/nunavut-hunter-gatherer-society-runs-out-food/?utm_source=SFFB |
| What Our Food Is Really Doing to the Planet, in 15 Jaw-Dropping Images | http://www.filmsforaction.org/articles/what-our-food-is-really-doing-to-the-planet-in-15-jawdropping-images/ |
| Why Do We Eat Cereal For Breakfast? And Other Questions About American Meals Answered | http://www.smithsonianmag.com/arts-culture/why-do-we-eat-cereal-for-breakfast-and-other-questions-about-american-meals-answered-1565858/?no-ist=&utm_source=smithsonianopic |
| Why rice farmers are key to tackling climate change in the Philippines | http://www.undp.org/content/undp/en/home/blog/2015/6/17/Greening-rice-cultivation-in-the-Philippines-benefits-the-country-and-our-world/ |
| Why The World Might Be Running Out of Cocoa Farmers | http://www.npr.org/sections/thesalt/2015/07/03/419243305/why-the-world-might-be-running-out-of-cocoa-farmers?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150703 |
| Will the FDA's New Food Safety Rules Hurt Small Farmers | http://www.takepart.com/article/2013/10/01/food-safety-and-modernization-act-may-hurt-small-organic-farms?cmpid=foodinc-fb |



Indonesian farmers introduce fish into their water-laden rice fields in a process called rice-fish culture. The fish droppings act as fertiliser, while the fish eat any insect pests and improve oxygen circulation around the field, increasing rice yields by up to 10%.

Harvesting Lavender.

