

# Ag Resources



Topic	Organization	Title	Content	Website/Links	
1	Animal	Animal Ag Alliance	Animal Agricultural Alliance	- Reports - Blogs - Activist information - Key issues addressed - Animal Welfare <a href="http://animalagalliance.org/main/index.cfm">http://animalagalliance.org/main/index.cfm</a>	
2	Animal	Elanco	The Truth About Food	Facts about Sustainability, food production, methods, waste, antibiotics, hormones, and labels Links to study and	<a href="https://www.enoughmovement.com/truth-about-food/">https://www.enoughmovement.com/truth-about-food/</a>
3	Animal	Animal.Ag/economics	The Nationwide Impact of Animal Agriculture - A State-By-State Economic Analysis	State by state economics analysis of Animal Ag <a href="http://www.animal.ag/economics">http://www.animal.ag/economics</a>	
4	Animal	Impact of Animal Ag	The impact of animal ag	Interactive map tool provides statistics on the impact animal ag has locally. <a href="https://unitedsoybean.org/topics/animal-ag/the-impact-of-animal-ag/">https://unitedsoybean.org/topics/animal-ag/the-impact-of-animal-ag/</a>	
5	Animal	U.S. Livestock and Poultry Environmental Audit	2015 Environmental Audit of Animal Agriculture	This audit report reflects federal regulations governing concentrated animal feeding operations (CAFOs), a national livestock air emission research program, state regulations, and, to the extent possible, local controls <a href="http://unitedsoybean.org/wp-content/uploads/USB-2015-Environmental-Audit-of-Animal-Agriculture.pdf">http://unitedsoybean.org/wp-content/uploads/USB-2015-Environmental-Audit-of-Animal-Agriculture.pdf</a>	
6	Antibiotics	Animal Health Institute	Animal Health Institute: Issues and Advocacy Animal Health Institute: Fact or Fiction: Common Antibiotic Myths	Judicious Use Programs Fact or Fiction: Common Antibiotic Myths (Links to more resources throughout page) - <a href="http://www.ahi.org/issues-advocacy/animal-antibiotics/judicious-use-programs/">http://www.ahi.org/issues-advocacy/animal-antibiotics/judicious-use-programs/</a> - <a href="http://www.ahi.org/issues-advocacy/animal-antibiotics/fact-or-fiction-common-antibiotic-myths/">http://www.ahi.org/issues-advocacy/animal-antibiotics/fact-or-fiction-common-antibiotic-myths/</a>	
7	Antibiotics	CDC	CDC - Antibiotic Resistance and Food Safety	Facts, resources, infographic (Links to more resources at bottom of page) <a href="https://www.cdc.gov/foodsafety/challenges/antibiotic-resistance.html">https://www.cdc.gov/foodsafety/challenges/antibiotic-resistance.html</a>	
8	Antibiotics	USDA FDA	USDA FDA's Strategy on Antimicrobial Resistance - Questions and Answers	FDA's Strategy on Antimicrobial Resistance - Q&A <a href="http://www.fda.gov/AnimalVeterinary/GuidanceComplianceEnforcement/GuidanceforIndustry/ucm216939.htm">http://www.fda.gov/AnimalVeterinary/GuidanceComplianceEnforcement/GuidanceforIndustry/ucm216939.htm</a>	
9	Antibiotics	Together ABX	Healthy Animals Healthy People	Facts about antibiotic use in animals & humans; FDA policy Jan 2017 <a href="http://togetherabx.com">http://togetherabx.com</a>	
10	Aquatic	National Aquaculture Association	National Aquaculture Association National Aquaculture Association: FAQs about U.S. Aquaculture National Aquaculture Association: Educator Resources	All things aquatic related - pdfs, videos, infographics, resources - <a href="http://www.thenaa.net/">http://www.thenaa.net/</a> - <a href="http://thenaa.net/faqs-about-us-aquaculture">http://thenaa.net/faqs-about-us-aquaculture</a> - <a href="http://thenaa.net/educators">http://thenaa.net/educators</a>	
11	Beef	Cattlemen's Beef Board	- National Cattlemen's Beef Association Website - Beef Nutrition Educational Materials - Facts About Beef: Debunking Myths About Beef	All things beef related - - Protein calculator - Research & Facts Sheets - <a href="http://www.beef.org/">http://www.beef.org/</a> - <a href="http://www.beefnutrition.org/educationalmaterials.aspx">http://www.beefnutrition.org/educationalmaterials.aspx</a> - <a href="https://factsaboutbeef.com/">https://factsaboutbeef.com/</a>	
12	Biotechnology	USDA	USDA Biotechnology Faqs	- Facts Sheets <a href="https://www.usda.gov/topics/biotechnology/biotechnology-frequently-asked-questions-faqs">https://www.usda.gov/topics/biotechnology/biotechnology-frequently-asked-questions-faqs</a>	
13	Biotechnology	Book	Is It Possible to Overcome the GMO Controversy? Some Elements for a Philosophical Perspective	Is It Possible to Overcome the GMO Controversy? Some Elements for a Philosophical Perspective - <a href="https://link.springer.com/chapter/10.1007/978-3-319-06892-3_9#page-1">https://link.springer.com/chapter/10.1007/978-3-319-06892-3_9#page-1</a>	
14	Biotechnology	Smithsonian – Innovative Lives	Smithsonian: Pioneers of agriculture reflect on the genetically-engineered revolution	As a celebration of the 20th Anniversary of Biotechnology the Smithsonian hosted Innovative Lives: Pioneers of Genetic Engineering and featured a conversation with the Smithsonian's museum Curator Peter Leibhold, Dr. Robert Fraley & Dr. Mary Dell Chilton. Curator Peter Leibhold led a discussion between Dr. Fraley and Dr. Chilton about their own experiences and how that lead them to working in their field. Their personal experiences showed the human side of a subject that can often be depicted as impersonal. The conversation gives insight into the deep importance of their work and the impact both pioneers have led in this field. The conversation focused on broadening the understanding of GMOs and how this technology is a part of American history and critical in terms of agricultural change. The conversation gave insight into the historical relationship of science and technology to society. Article: <a href="http://americanhistory.si.edu/blog/pioneers-agriculture-reflect-genetically-engineered-revolution">http://americanhistory.si.edu/blog/pioneers-agriculture-reflect-genetically-engineered-revolution</a> Direct link: <a href="https://youtu.be/gqMdALbx3FM">https://youtu.be/gqMdALbx3FM</a> This event is part of the Lemelson Centers's Innovative Lives program series Direct link: <a href="http://invention.si.edu/">http://invention.si.edu/</a>	
15	Careers	Ag Explorer - FFA	Ag Explorer: Find Your Future In Agriculture	Interactive career resources for students to explore a broad range of careers within the ag industry. - Student resume builder - Virtual Field trip <a href="https://www.agexplorer.com/">https://www.agexplorer.com/</a>	
16	Careers	Ag Careers	AG Careers	Ag job board/search <a href="https://www.agcareers.com/">https://www.agcareers.com/</a>	
17	Careers	Ag Careers	USDA NAL Careers	USDA NAL Careers page resource <a href="https://www.nal.usda.gov/careers-agriculture">https://www.nal.usda.gov/careers-agriculture</a>	
18	Corn	National Corn Growers Association	National Corn Growers Association: News and Resources	Videos, Blogs, Presentations, Publications <a href="http://www.ncga.com/news-and-resources">http://www.ncga.com/news-and-resources</a>	
19	Corn	World of Corn publication website	World of Corn	Graphics & Facts Sheets <a href="http://www.worldofcorn.com">www.worldofcorn.com</a>	
20	CRISPR	Boseman Science - Paul Andersen	What is CRISPR?	Video explaining CRISPR & Cas9 (duration: 7:21) <a href="https://youtu.be/MnYppmstxIs">https://youtu.be/MnYppmstxIs</a>	
21	CRISPR	Microbiology Society	What is CRISPR-Cas?	Video explaining CRISPR & Cas9 (duration: 4:50) <a href="https://youtu.be/52jOEPzhpzc">https://youtu.be/52jOEPzhpzc</a>	
22	CRISPR	Phys.org	Off-switch for CRISPR-Cas9 gene editing system discovered	CRISPR Cas9 "off switch" article <a href="https://phys.org/news/2016-12-off-switch-crispr-cas9-gene.html">https://phys.org/news/2016-12-off-switch-crispr-cas9-gene.html</a>	
23	CRISPR	yourgenome.org	What is CRISPR-Cas9? (Genome editing tool)	All things DNA, genes and genomes. <a href="https://www.yourgenome.org/facts/what-is-crispr-cas9">https://www.yourgenome.org/facts/what-is-crispr-cas9</a>	
24	Crop & Livestock	Cornell University	Cornell University: New York State Integrated Pest Management - Publications	-Fruits, Vegetables, Livestock & Field Crops publications & fact sheets <a href="https://nysipm.cornell.edu/resources/publications">https://nysipm.cornell.edu/resources/publications</a>	

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25	Dairy	Midwest Dairy Association	- Midwest Dairy Association: Dairy Resource Center - Midwest Dairy Association: Learn the Answers to Frequently Asked Questions about Dairy Farming	Various dairy topics	<a href="https://www.midwestdairy.com/dairy-resource-center/">https://www.midwestdairy.com/dairy-resource-center/</a> <a href="https://www.midwestdairy.com/farm-life/common-questions/">https://www.midwestdairy.com/farm-life/common-questions/</a>
26	Dairy	National Dairy Council	National Dairy Council - Resource Library	Various dairy topics	<a href="https://www.nationaldairycouncil.org/resource-library">https://www.nationaldairycouncil.org/resource-library</a>
27	Dairy	National Milk Producers Federation	National Milk Producers Federation: Ready To Peel Back The Label On Deceptive Marketing?	Addresses misleading claims and labeling	<a href="https://peelbackthelabel.org/">https://peelbackthelabel.org/</a>
28	Dairy	USDA National Agricultural Library	USDA National Agricultural Library: The American Dairy Industry Online Exhibit	History & research	<a href="https://www.nal.usda.gov/exhibits/speccoll/exhibits/show/the-american-dairy-industry">https://www.nal.usda.gov/exhibits/speccoll/exhibits/show/the-american-dairy-industry</a>
29	Dairy	Dairy Management Inc.	Undeniably Dairy	Dairy Farms, Foods, and stories	<a href="https://dairygood.org/">https://dairygood.org/</a>
30	Dairy	US Dairy	Innovation Center for US Dairy	The Innovation Center for U.S. Dairy is a forum that leverages the collective power of the dairy community to address the changing needs and expectations of consumers through a framework of shared best practices and accountability.	<a href="https://www.usdairy.com/">https://www.usdairy.com/</a>
31	Dairy	MilkProduction.com	Automatic milking – Common practice on dairy farms	Article about automatic milking	<a href="http://www.milkproduction.com/Library/Scientific-articles/Milk-milking/Automatic-milking-Common-practice-on-dairy-farms/">http://www.milkproduction.com/Library/Scientific-articles/Milk-milking/Automatic-milking-Common-practice-on-dairy-farms/</a>
32	Dairy	Cambridge.org	Review: Milking robot utilization, a successful precision livestock farming evolution	Review: Milking robot utilization, a successful precision livestock farming evolution	<a href="https://www.cambridge.org/core/journals/animal/article/review-milking-robot-utilization-a-successful-precision-livestock-farming-evolution/5DC59CA250E35DD09C7A67F321D58A4">https://www.cambridge.org/core/journals/animal/article/review-milking-robot-utilization-a-successful-precision-livestock-farming-evolution/5DC59CA250E35DD09C7A67F321D58A4</a>
33	Dairy	Smithsonian Magazine	Smithsonian: Rise of the (Cow Milking) Robots	Article & video on dairy robotics	<a href="http://www.smithsonianmag.com/innovation/rise-cow-milking-robots-180961452/">http://www.smithsonianmag.com/innovation/rise-cow-milking-robots-180961452/</a>
34	Dairy	Modern Farmer	Modern Farmer: Rise of the (Cow Milking) Robots - expanded version with video	Article on dairy robotics	<a href="http://modernfarmer.com/2016/12/rise-cow-milking-robots/">http://modernfarmer.com/2016/12/rise-cow-milking-robots/</a>
35	Eggs	American Egg Board	- American Egg Board: High School Lesson Plans - American Egg Board: Meet American Egg Farmers (Videos) - American Egg Board: Virtual Egg Farm Field Trips (Videos)	* Egg Lesson Plans for 9-12 * Videos * Virtual Field Trip	* <a href="http://www.aeb.org/educators/lesson-plans-and-materials/high-school">http://www.aeb.org/educators/lesson-plans-and-materials/high-school</a> * <a href="http://www.aeb.org/educators/videos/meet-america-s-egg-farmers-videos">http://www.aeb.org/educators/videos/meet-america-s-egg-farmers-videos</a> * <a href="http://www.aeb.org/educators/farm-to-table-virtual-field-trips">http://www.aeb.org/educators/farm-to-table-virtual-field-trips</a>
36	Farmers	CommonGround	CommonGround: Food Facts	Facts, Videos, Blogs, Female farmers by state	<a href="http://findourcommonground.com/food-facts/">http://findourcommonground.com/food-facts/</a>
37	GE Crop	National Academy of Sciences, Engineering, & Medicine	- National Academy of Sciences, Engineering, & Medicine: Genetically Engineered Crops: Experiences and Prospects - Report Brief - National Academy of Sciences, Engineering, & Medicine: Genetically Engineered Crops: Experiences and Prospects - Full Report	A science based look at Genetically Engineered Crops - (GE Crop report & videos) Chapter 5 – Human Health Effects of Genetically Engineered Crops	Brief: <a href="https://www.nap.edu/resource/23395/GE-crops-report-brief.pdf">https://www.nap.edu/resource/23395/GE-crops-report-brief.pdf</a> Download full report here: <a href="https://nas-sites.org/ge-crops/">https://nas-sites.org/ge-crops/</a>
38	GMO	TEDxUniversitiPutraMalaysia	TEDx Talks: GMOs: Seeds of destruction?	GMOs: Seeds of destruction?   Mahaletchumy Arujanan	<a href="https://youtu.be/FUFN9LTQPHM">https://youtu.be/FUFN9LTQPHM</a>
39	Labeling	USDA FDA	USDA FDA: "Natural" on Food Labeling USDA FDA: What is the meaning of 'natural' on the label of food?	FDA summary on the use of the term "Natural" on Food Labeling	<a href="https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm456090.htm">https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm456090.htm</a> <a href="https://www.fda.gov/aboutfda/transparency/basics/ucm214868.htm">https://www.fda.gov/aboutfda/transparency/basics/ucm214868.htm</a>
40	Labeling	USDA FSIS	- USDA FSIS: Labeling Guideline on Documentation Needed to Substantiate Animal Raising Claims for Label Submissions - USDA: Claims Guidance	Food Safety and Inspection Service Labeling Guideline on Documentation Needed to Substantiate Animal Raising Claims for Label Submissions	- <a href="https://www.fsis.usda.gov/wps/wcm/connect/6fe3cd56-6809-4239-b7a2-bccb82a30588/RaisingClaims.pdf?MOD=AJPERES">https://www.fsis.usda.gov/wps/wcm/connect/6fe3cd56-6809-4239-b7a2-bccb82a30588/RaisingClaims.pdf?MOD=AJPERES</a> - <a href="http://www.fsis.usda.gov/wps/portal/fsis/topics/regulatory-compliance/labeling/Claims-Guidance">http://www.fsis.usda.gov/wps/portal/fsis/topics/regulatory-compliance/labeling/Claims-Guidance</a>
41	Labeling	USDA FDA	USDA FDA: Front-of-Package Labeling Initiative	Reliable nutrition labeling initiative & links to other resources	<a href="https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm202726.htm">https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm202726.htm</a>
42	Labeling	USDA FDA	USDA FDA: Types of Claims: Definitions, Guidance, Regulatory Information, and Permitted Claims	Types of Claims: Definitions, Guidance, Regulatory Information, and Permitted Claims	<a href="https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm2006873.htm">https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm2006873.htm</a>
43	Labeling	USDA FDA	USDA FDA -New & Improved Nutrition Facts Label	New & Improved Nutrition Facts Label	<a href="https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm537159.htm">https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/ucm537159.htm</a>
44	Labeling	USDA FDA	USDA FDA: New and Improved Nutrition Facts Label Infographic	Food Facts new label infographic	<a href="https://www.fda.gov/downloads/Food/IngredientsPackagingLabeling/LabelingNutrition/UCM537178.pdf">https://www.fda.gov/downloads/Food/IngredientsPackagingLabeling/LabelingNutrition/UCM537178.pdf</a>
45	Labeling	USDA FDA	USDA FDA: Labeling & Nutrition	Changes to the Nutrition Facts Label	<a href="https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/default.htm">https://www.fda.gov/Food/IngredientsPackagingLabeling/LabelingNutrition/default.htm</a>
46	Labeling	USDA FDA	USDA FDA - Ingredients, Packaging & Labeling	Ingredients, packaging & Labeling information	<a href="https://www.fda.gov/food/ingredientspackaginglabeling/">https://www.fda.gov/food/ingredientspackaginglabeling/</a>
47	Labeling	USDA FDA	USDA FDA - Topic-Specific Labeling Information	Topic specific labeling information	<a href="https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm2006864.htm">https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm2006864.htm</a>
48	Labeling	USDA FDA	USDA FDA -Guidance for Industry: A Food Labeling Guide	Guidance for Industry: A Food Labeling Guide	<a href="https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm2006828.htm">https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm2006828.htm</a>
49	Labeling	USDA	Decoding Food Label Claims	Decoding Food Label Claims: The Lowdown on Package Promises	<a href="http://foodandnutrition.org/january-february-2017/decoding-food-label-claims-lowdown-package-promises/">http://foodandnutrition.org/january-february-2017/decoding-food-label-claims-lowdown-package-promises/</a>
50	Labeling	USDA - Center for Nutrition Policy and Promotion	Department of Agriculture - Nutrition Policy and Promotion	USDA general nutrition resources for consumers	<a href="https://www.cnpp.usda.gov/">https://www.cnpp.usda.gov/</a>
51	Marketing	Principles of Marketing	Factors That Influence Consumers' Buying Behavior	Factors That Influence Consumers' Buying Behavior Chapter 3.1	<a href="https://open.lib.umn.edu/principlesmarketing/chapter/3-1-factors-that-influence-consumers-buying-behavior/">https://open.lib.umn.edu/principlesmarketing/chapter/3-1-factors-that-influence-consumers-buying-behavior/</a>
52	Marketing	Food Navigator-USA	Globally, consumers 'confused' about food labels and claims, says study	Food label claims & consumer confusion	<a href="http://www.foodnavigator-usa.com/Markets/Food-labels-and-claims-confuse-many-consumers-globally-says-new-study">http://www.foodnavigator-usa.com/Markets/Food-labels-and-claims-confuse-many-consumers-globally-says-new-study</a>
53	Marketing	Ohio University	Four Consumer Behavior Theories Every Marketer Should Know	Discusses consumer behavior	<a href="http://onlinemasters.ohio.edu/four-consumer-behavior-theories-every-marketer-should-know/">http://onlinemasters.ohio.edu/four-consumer-behavior-theories-every-marketer-should-know/</a>
54	Organic	Scientific American	Mythbusting 101: Organic Farming > Conventional Agriculture	Blog addressing organic vs. conventional ag	<a href="https://blogs.scientificamerican.com/science-sushi/http://blogs.scientificamerican.com/science-sushi/2011/07/18/mythbusting-101-organic-farming-conventional-agriculture/">https://blogs.scientificamerican.com/science-sushi/http://blogs.scientificamerican.com/science-sushi/2011/07/18/mythbusting-101-organic-farming-conventional-agriculture/</a>
55	Organic	USDA National Organics Program	Electronic code of federal regulations - Organic allowed substances	The national list of allowed and prohibited substances in the National Organics Program	<a href="https://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&amp;SID=9874504b6f1025eb0e6b67cadf9d3b40&amp;rgn=div6&amp;view=text&amp;node=7.3.1.1.9.32.7&amp;idno=7">https://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&amp;SID=9874504b6f1025eb0e6b67cadf9d3b40&amp;rgn=div6&amp;view=text&amp;node=7.3.1.1.9.32.7&amp;idno=7</a>
56	Organic	USDA	USDA Organic	This portal connects you with programs, services, and educational materials that can help your organic farm or business.	<a href="https://www.usda.gov/topics/organic">https://www.usda.gov/topics/organic</a>
57	Organic	USDA	USDA AMS Organic Regulations	The National Organic Program (NOP) develops the rules & regulations for the production, handling, labeling, and enforcement of all USDA organic products	<a href="https://www.ams.usda.gov/rules-regulations/organic">https://www.ams.usda.gov/rules-regulations/organic</a>
58	Pollinators	Bayer	Bayer Bee Care	Bee Care	<a href="https://beehealth.bayer.us/home">https://beehealth.bayer.us/home</a>

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59	Pollinators	Honey Bee Health Coalition	Honey Bee Health Coalition	Videos, research, & resources honeybeehealthcoalition.org
60	Pollinators	Pollinator Partnership	Pollinator Partnership	Protection and promotion of pollinators and their eco-systems <a href="http://pollinator.org/learning-center">http://pollinator.org/learning-center</a>
61	Pork	U.S. Pork Checkoff	- National Pork Board website - Pork Curriculum & Facts	- Curriculum - Facts Sheets - <a href="http://www.pork.org/">http://www.pork.org/</a> - <a href="http://www.pork.org/youth-and-education/educational-materials-videos/">http://www.pork.org/youth-and-education/educational-materials-videos/</a>
62	Poultry	National Chicken Council	- National Chicken Council - Real Truth About Chicken	- Protein calculator - Research & Facts Sheets - <a href="http://www.nationalchickencouncil.org/">http://www.nationalchickencouncil.org/</a> - <a href="http://www.realtruthaboutchicken.com/">http://www.realtruthaboutchicken.com/</a>
63	Poultry	Genetic Literacy Project	Breeding slower growing chickens: Is that a good idea?	- Article with data comparing slower growth vs. conventional chicken breeding <a href="https://geneticliteracyproject.org/2017/01/26/breeding-slower-growing-chickens-good-idea/">https://geneticliteracyproject.org/2017/01/26/breeding-slower-growing-chickens-good-idea/</a>
64	Poultry	US Poultry	US Poultry: Resources	Various poultry resources <a href="http://www.uspoultry.org/L_resources/index.cfm">http://www.uspoultry.org/L_resources/index.cfm</a>
65	Safety Costs	Consumer and Food Safety Costs of Offshoring Animal Agriculture	- United Soybean: Consumer and Food Safety Costs of Offshoring Animal Agriculture	Report & Research <a href="https://unitedsoybean.org/wp-content/uploads/Consumer-and-Food-Safety-Costs-of-Offshoring-Animal-Agriculture.pdf">https://unitedsoybean.org/wp-content/uploads/Consumer-and-Food-Safety-Costs-of-Offshoring-Animal-Agriculture.pdf</a>
66	Soil	Soil Health Institute	Soil Health Institute: Soil Health Research Landscape Tool	Research <a href="http://www.soilhealthinstituteresearch.org/Home/Search">http://www.soilhealthinstituteresearch.org/Home/Search</a>
67	Soil	Nutrients for Life Foundation	Nutrients for Life Foundations: Teacher Resources	Soil health, lesson plans, videos <a href="https://nutrientsforlife.org/for-teachers">https://nutrientsforlife.org/for-teachers</a>
68	Soil	USDA Natural Resources Conservation Service -Soils	USDA Natural Resources Conservation Service Soils - Soil Education	Soil health, infographics, faqs, videos <a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/edu/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/edu/</a>
69	Soil	Soil Science Society of America	Soil Science Society of America: K-12 Soil Science Teacher Resources	Soil information, lesson plans <a href="http://www.soils4teachers.org/lessons-and-activities">http://www.soils4teachers.org/lessons-and-activities</a>
70	Soil	Smithsonian - Dig it! The secrets of soil.	Smithsonian - Dig it! The secrets of soil	Soil information, activities, videos, museum tour, <a href="http://forces.si.edu/soils/">http://forces.si.edu/soils/</a>
71	Soil	NASA	NASA: Science and Research	Soil information, publications, projects, research <a href="https://neptune.gsfc.nasa.gov/bsb/index.php?section=286">https://neptune.gsfc.nasa.gov/bsb/index.php?section=286</a>
72	Soybean	Minnesota Soybean Research & Promotion Council	Minnesota Soybean Research & Promotion Council: Soy Food Info	Soybean facts <a href="https://mnsoybean.org/msrpc/about-soy/soy-food-info/">https://mnsoybean.org/msrpc/about-soy/soy-food-info/</a>
73	Sugar	The Sugar Association	The Sugar Association: Facts Sheets	Facts Sheets <a href="https://www.sugar.org/publications/">https://www.sugar.org/publications/</a>
74	Sugar	The American Sugar Alliance	The American Sugar Alliance	Facts Sheets, Infographics <a href="https://sugaralliance.org/">https://sugaralliance.org/</a>
75	Sustainability	U.S. Farmers & Ranchers Alliance	Agricultural Sustainability in America Report	Agricultural Sustainability in America Report - U.S. Farmers & Ranchers <a href="http://straighttalk.fooddialogues.com/">http://straighttalk.fooddialogues.com/</a>
76	Sustainability	Game, Video, other resources with topic specific areas	- Journey 2050: How will we sustainably feed over 9 billion people by the year 2050? - Journey 2050: Agricultural Resources - Farmer2050 (newest video game)	Journey 2050 is an agriculture education program that challenges participants to answer the question "How will we sustainably feed 9 billion people by the year 2050?" Includes videos, games, facts, - <a href="http://www.journey2050.com/">http://www.journey2050.com/</a> - <a href="http://www.journey2050.com/agricultural-resources/">http://www.journey2050.com/agricultural-resources/</a> - <a href="http://www.farmer2050.com/">http://www.farmer2050.com/</a>
77	Sustainability	UC Davis Agricultural Sustainability Institute	UC Davis Agricultural Sustainability Institute: What is sustainable agriculture?	What is sustainable agriculture? <a href="http://asi.ucdavis.edu/programs/sarep/about/what-is-sustainable-agriculture/#concept-themes">http://asi.ucdavis.edu/programs/sarep/about/what-is-sustainable-agriculture/#concept-themes</a>
78	Sustainability	U.S. Farmers & Ranchers Alliance	Agricultural Sustainability in America Report Resources page	Infographics & video resources on sustainability <a href="http://straighttalk.fooddialogues.com/resources/">http://straighttalk.fooddialogues.com/resources/</a>
79	Technology	NASA	- NASA: Benefits for Humanity: Farming from Space - International Space Station Agricultural Camera	Technology - Space Farming International Space Station Agricultural Camera (ISSAC) - <a href="https://www.nasa.gov/content/benefits-for-humanity-farming-from-space">https://www.nasa.gov/content/benefits-for-humanity-farming-from-space</a> - <a href="https://www.nasa.gov/mission_pages/station/research/experiments/81.html">https://www.nasa.gov/mission_pages/station/research/experiments/81.html</a>
80	Various	American Farm Bureau Federation	American Farm Bureau Federation	- News, Data, Programs & Events - Covers policy and addresses current issues <a href="https://www.fb.org/">https://www.fb.org/</a>
81	Various	American Farm Bureau Federation's Ag Foundation	American Farm Bureau Federation's Ag Foundation: Teacher Resources	Lesson Plans and links <a href="http://www.agfoundation.org/">http://www.agfoundation.org/</a>
82	Various	Bayer	Bayer: Ag Education	Ag Education, Youth Summits, Experiments <a href="https://www.ag-education.bayer.com/">https://www.ag-education.bayer.com/</a>
83	Various	California Department of Food and Agriculture	California Department of Food and Agriculture: 2015 Crop Year Report	- Data & Publications <a href="https://www.cdffa.ca.gov/statistics/">https://www.cdffa.ca.gov/statistics/</a>
84	Various	California Foundation for Agriculture in the Classroom	- California Foundation for Agriculture in the Classroom - California Foundation for Agriculture in the Classroom:Chemistry, Fertilizer, and the Environment - California Foundation for Agriculture in the Classroom: STEM Connections, Energy and Agriculture: Careers in Sustainable Energy	STEM Connections Energy and Agriculture" and "Chemistry, Fertilizer, and the Environment" lesson plan packets. <a href="http://www.learnaboutag.org">www.learnaboutag.org</a> <a href="http://learnaboutag.org/resources/table_chemistry.cfm">http://learnaboutag.org/resources/table_chemistry.cfm</a> <a href="http://learnaboutag.org/resources/table_stem.cfm">http://learnaboutag.org/resources/table_stem.cfm</a>
85	Various	Discovering Farmland	Discovering Farmland: Teacher Resources	Lesson Plan, 360 Videos, Digital Interactive Tools, Resources <a href="http://www.discoveringfarmland.com">www.discoveringfarmland.com</a>
86	Various	MN Ag in the Classroom	- Minnesota Ag in the Classroom - Minnesota Ag in the Classroom: Curriculum Matrix	Curriculum Matrix (Link goes to the National Matrix) - <a href="https://minnesota.agclassroom.org/">https://minnesota.agclassroom.org/</a> - <a href="https://minnesota.agclassroom.org/matrix/index.cfm">https://minnesota.agclassroom.org/matrix/index.cfm</a>
87	Various	National Association of Agricultural Educators	- National Association of Agricultural Educators: National Teach Ag Day	Data & Research <a href="https://www.naae.org/teachag/index.cfm">https://www.naae.org/teachag/index.cfm</a>
88	Various	U.S. Farmers and Ranchers Alliance - Food Dialogues	- Food Dialogues - Food Dialogues: Infographics	The Food Dialogues fosters conversation between American farmers, ranchers and consumers about how food is grown and raised. The site aims to share resources, knowledge and values around the U.S. food supply through informative articles, engaging infographics and video content. If you have a question about agriculture, Food Dialogues has an answer. <a href="http://www.fooddialogues.com">www.fooddialogues.com</a> * <a href="http://www.fooddialogues.com/infographics">http://www.fooddialogues.com/infographics</a> * <a href="http://www.fooddialogues.com/sustainability-infographics">http://www.fooddialogues.com/sustainability-infographics</a>
89	Various	USDA	USDA AMS: Infographics & Data Visualizations	- Databases & Infographics - <a href="https://www.ams.usda.gov/resources/infographics-data-visualizations">https://www.ams.usda.gov/resources/infographics-data-visualizations</a>
90	Various	USDA	USDA National Agricultural Library:	Various <a href="https://www.nal.usda.gov/">https://www.nal.usda.gov/</a>
91	Various	USDA AMS	USDA AMS: Publications	Publications <a href="https://www.ams.usda.gov/publications">https://www.ams.usda.gov/publications</a>
92	Various	USDA FDA	USDA FDA: Labeling & Nutrition	Labeling & Nutrition resources <a href="https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm456090.htm">https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/LabelingNutrition/ucm456090.htm</a>

	Topic	Organization	Title	Content	Website/Links
93	Various	Smithsonian – Ask A Farmer Program	Smithsonian: Ask A Farmer Program - Highlights video	The "Ask A Farmer" Live was a special series of 3 panels held at the Smithsonian for museum goers to attend and captured on video to further share the content. Details about the panels below.	<a href="http://americanhistory.si.edu/topics/food/pages/ask-farmer">http://americanhistory.si.edu/topics/food/pages/ask-farmer</a> Smithsonian's "Ask a Farmer" videos. Highlights video: <a href="https://youtu.be/xq1-v-AowTE">https://youtu.be/xq1-v-AowTE</a>
94	Family Farms	Smithsonian – Ask A Farmer Program	Smithsonian: Ask A Farmer Program - Family Farms, Family History video	Family Farms, Family History - Meet farmers whose land and farms have been in their families for generations as they share stories about history, agriculture, and the future of family farms.	•Family Farms, Family History (1 hr) <a href="https://youtu.be/5GTcia3N-J4">https://youtu.be/5GTcia3N-J4</a>
95	Latinos in Ag	Smithsonian – Ask A Farmer Program	Smithsonian: Ask A Farmer Program - Latinos in Ag video	Latinos in Agriculture - As part of the Smithsonian's Hispanic Heritage Month programming, meet Latino-American farmers/Ranchers who are innovating American agriculture.	•Latinos in Agriculture (1 hr) <a href="https://youtu.be/ks8bLNr2whs">https://youtu.be/ks8bLNr2whs</a>
96	Women in Ag	Smithsonian – Ask A Farmer Program	Smithsonian: Ask A Farmer Program - Women in Ag video	Women in Agriculture - Meet female farmers, ranchers, and researchers working on agriculture in the U.S. as they discuss the role of women in modern agriculture.	•Women in Agriculture (1 hr) <a href="https://youtu.be/g26zswUV_3Y?list=PLZxSSLX6InCQAPmj-_asGCyXZAd9ujZTC">https://youtu.be/g26zswUV_3Y?list=PLZxSSLX6InCQAPmj-_asGCyXZAd9ujZTC</a>
97	Youth Organization	Minnesota FFA Association	- Minnesota FFA Association - Minnesota Ag in the Classroom: Educator Materials	Ag Youth Organization	- <a href="http://www.mnffa.org/">http://www.mnffa.org/</a> - <a href="https://minnesota.agclassroom.org/educator/materials.cfm">https://minnesota.agclassroom.org/educator/materials.cfm</a>