

## **References and Sources of Information**

References for each chapter are presented in alphabetical order. A section entitled “Further Information and Resources” appears at the end of each chapter. Brief descriptions are provided of additional data and information sources. Links are provided for items and information sources accessible on the Internet.

### **Chapter 2. Evaluating How Programs and Policies Impact Animal Agriculture**

Benbrook, C. “Performance Criteria for Measuring IPM Results,” Remarks Delivered at the Meeting “IPM in Oregon: Achievements and Future Directions,” April 6-7, 1999, By Charles M. Benbrook (PDF 42K). Published in meeting proceedings and at –  
<http://www.pmac.net/OSUipm.pdf>

Benbrook, C., Appendix B., “Private Sector Research Activities and Prospects,” in *Investing in Research: A Proposal to Strengthen the Agricultural, Food, and Environmental System*, National Research Council, National Academy Press, 1989.

Benbrook, C., and E. Groth. "Indicators of the Sustainability and Impacts of Pest Management Systems" AAAS Annual Meeting, February 16, 1997 [57K]  
<http://www.pmac.net/aaas.htm>

Gordon Bethune, CEO of Continental Airlines article from Fortune or Forbes

Lewis et al. PNAS article on pest management systems.

Molbak, Kare, et al., “An Outbreak of Multidrug-Resistant, Quinolone-Resistant *Salmonella enterica* Serotype Typhimurium DT104”, November 4, 1999, new England j. Of Medicine, Vol. 341, No. 19.

Weatherspoon, D. et al., “Identity Crisis: Land Grant Research in the Biotech Era,” staff paper, Department of Agricultural Economics, Michigan State University, June 2000.  
[http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=2141](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2141)

#### **Further Information and Resources**

For extensive information on the management of resistance to *Bacillus thuringiensis* transgenic crops, see –  
<http://www.biotech-info.net/bt-transgenics.html#managing>

For extensive information on the StarLink episode, see -  
[http://www.biotech-info.net/starlink\\_header.html](http://www.biotech-info.net/starlink_header.html)

In 1997, the Organic Farming Research Foundation (OFRF) documented that federal research support for organic agriculture was only one-tenth of one percent of the USDA research expenditures. OFRF report on organic agriculture research is available at: <http://www.ofrf.org/research/needs.html>

The USDA's Cooperative Research, Education, and Extension Service (CREES) (<http://www.reeusda.gov/>) administers the National Research Initiative (NRI), a nationwide competitive research grant program. In FY1999 \$100 million was spent on projects impacting natural resources and the environment, food quality and nutrition, plant and animal systems, markets, trade and agricultural policy. Out of the FY 1999 grants funded, \$27 million was channeled into animal systems research. Awards primarily directed to academic researchers at land grant universities. More information regarding NRI can be found at: <http://www.reeusda.gov/nri/>

A report by the Council for Agriculture Science and Technology states that manure management research funding from all sectors has decreased significantly since the early 1970's. A full copy of the report can be seen at:

### **Chapter 3. The Price of Feed**

Daschle, T., Senate Resolution 13 submitted by Senator Tom Daschle to the Senate Committee on Agriculture, Forestry, and Nutrition concerning the need for Congress to enact a new farm bill during the 1st session of the 107th Congress: <http://thomas.loc.gov/cgi-in/query/D?c107:12:./temp/~c1076oYJes:>

Effland, A., "U.S. Farm Policy: The First 200 Years," *Agricultural Outlook*, USDA Economic Research Service, March 2000. Pdf file available online: <http://www.ers.usda.gov/publications/agoutlook/mar2000/ao269g.pdf>

Gale, F., "How Important Are Farm Payments to the Rural Economy?," *USDA Agricultural Outlook*, October 2000. <http://www.ers.usda.gov/publications/agoutlook/oct2000/ao275f.pdf>

Northern Plains Sustainable Agriculture Society, "Agriculture at the Crossroads". Position Paper, 1999. <http://www.npsas.org/Crossroads.html>

Offutt, S., "Can The Farm Problem Be Solved?" paper presented at the M.E. John Lecture, Pennsylvania State University, October 18, 2000.

Schuff, S., "Economists predict costs up, income down," *Feedstuffs*, February 26, 2001.

Westcott, P., Young, C., "U.S. Farm Program Benefits: Links to Planting Decisions & Agricultural Markets," *Agricultural Outlook*, USDA Economic Research Service, October 2000.

Williams-Derry, C. and Cook, K., “Bumper Crop: Congress’ Latest Attempt to Boost Subsidies for the Largest Farms”, Environmental Working Group, Washington, D.C.

<http://www.ewg.org/farm/>

Feb 19, 2001 *Feedstuffs* article containing comments to a Congressional committee by Daryll Ray, University of Tennessee agricultural economist, assessing 1996 farm bills impact on agricultural production and prices.

<http://www.feedstuffs.com/subscrip/d01s7308.htm>

### **Further Information and Resources**

Summary of the major provisions in the 1996 FAIR Act, which includes information on payment limitations: <http://www.usda.gov/farmbill/title0.htm>

The USDA’s Economic Research Service publishes a statistical summary of economic indicators in each issue of *Agricultural Outlook* magazine. Table 29, “Value Added to the U.S. Economy by the Agricultural Sector” can be found on page 23 of the statistical indicators section in the *Agricultural Outlook* January-February 2001 issue (pdf file): <http://www.ers.usda.gov/publications/agoutlook/Jan2001/ao278i.pdf>

USDA Economic Research Service charts displaying government farm subsidies, emergency assistance, and acreage planted from 1990 to 2001:

<http://www.ers.usda.gov/briefing/farmpolicy/gallery/charts.htm>

President Bush’s FY2002 budget proposal with summaries for agencies including the Department of Agriculture in section VII:

<http://www.whitehouse.gov/news/usbudget/blueprint/budtoc.html>

“World Agricultural Supply and Demand Estimates” compiled by the USDA’s Economic Research Service and published in *Agricultural Outlook*:

<http://www.usda.gov/agency/oce/waob/>

World Trade Organization website containing a discussion of market access and trade-distorting subsidies.

[http://www.wto.org/english/tratop\\_e/agric\\_e/agric\\_e.htm](http://www.wto.org/english/tratop_e/agric_e/agric_e.htm)

Ethanol producer tax incentives – renewable fuels association site.

<http://www.ers.usda.gov/publications/AER777/>

Ethanol production facilities and capacity.

[http://www.ethanolrfa.org/eth\\_prod\\_fac.html](http://www.ethanolrfa.org/eth_prod_fac.html)

Counter cyclical farm programs, a Congressional view.

[http://commdocs.house.gov/committees/ag/hagfarm10.000/hagfarm10\\_of.htm](http://commdocs.house.gov/committees/ag/hagfarm10.000/hagfarm10_of.htm)

## Chapter 4. Manure Management and Environmental Quality Challenges

General Accounting Office, “Animal Agriculture Waste Management Practices,” Report to Senate Committee on Agriculture, Nutrition, and Forestry, July 1999.

Iowa Citizen Task Force and Iowa Farmers Union Educational Foundation report on livestock concentration

NAHMS, “Feedlot 99, Part I: Baseline Reference of Feedlot Management Practices, May 2000

Jackson et al., 2000

Martin, et al., *Feedstuffs*, 1998

*Feedlot Industry Sector Profile* on swine, for cost estimates by manure management system and animal density

J.M. Sweeten, *Applied Engineering in Agriculture*, Vol. 14(5): 543-549, 1998).

U.S. Environmental Protection Agency. “National Pollutant Discharge Elimination System Permit Regulation and Effluent Limitations Guidelines and Standards for Concentrated Animal Feeding Operations”, proposed rule, January 2000.

NASS, “Agricultural Prices,” February 28, 2001

Nebraska’s Institute of Agriculture and Natural Resources January 22, 2001 statement to farmers urging them to focus more carefully on nitrogen management in light of the projected \$15.00 per acre increase in corn N fertilizer expenses (IANR, 2001

Simpkins, et al., 1999

paper by a Texas A&M agricultural engineer, Dr. John Sweeten, focused on the relationship between AFO separation distances, manure management and odor contro

Hog Industry Insider, *Feedstuffs*, 2000

*Hog Watch*, Dr. Susan Schiffman

author, *Environmental Health Perspectives*, 2000)

*HogWatch*, check date and univ. where prof at) bacteria/virus aerosols

ERS, *Agri-Environmental Policy at the Crossroads*, January 2001, AER-794,

“Alternatives to minimize the environmental impact of large swine production units”, J. of Animal Science, Feb. 1999 .

### **Further Information and Resources**

link to comments to epa on cafo rules

“A Compendium of Government Assistance to Animal Agriculture”, February 1, 2000, Weinberg & Vauthier Consulting, Washington D.C.

Bush Administration’s overview of its FY 2002 budget, section VI, number 11, “Protect the Environment.”

<http://www.whitehouse.gov/news/usbudget/blueprint/bud11.html>

More information on the EPA action plan for the dead zone:

<http://www.epa.gov/msbasin/actionplanintro.htm>

An ERS description of hypoxia in the Gulf of Mexico:

<http://www.ers.usda.gov/publications/ah712/AH7126-1.PDF>

## **Chapter 5. Animal and Public Health Impacts of Current U.S. Animal Husbandry Systems**

APHIS, USDA, Veterinary Services Info Sheet. “Shedding of Salmonella by Finisher Hogs in the U.S. <http://www.aphis.usda.gov/vs/ceah/cahm/Swine/sw95salm.htm>

Buzby, Jean C. et al. “Bacterial Foodborne Disease: Medical Costs and Productivity Losses”, Food and Consumer Economics Division, Economic Research Service, U.S. Department of Agriculture. Agricultural Economic Report No. 741. August 1996.

Buzby, J.C., Roberts, T., “Estimated Annual Costs of Campylobacter-Associated Guillain-Barre Syndrome”, July 1997, Food and Consumer Economics Division, Economic Research Service, U.S. Department of Agriculture, and Ban Mishu Allos, Vanderbilt University, School of Medicine. Agricultural Economic Report No. 756.

Crutchfield, S.R. et al., “Assessing the Costs and Benefits of Pathogen Reduction,” *FoodReview*, Vol.22, Issue 2, May-August, 1999.

Elegant, S., “The virus that wouldn’t die,” *Far Eastern Economic Review*, vol.163, issue 33, August 17, 2000.

Fey, Paul D., et al., “Ceftriaxone-Resistant Salmonella Infection Acquired by a Child from Cattle”, *New England J. of Medicine*, April 27, 2000, Vol. 342, No. 17.

Frenzen, P.D. et al., "Salmonella Cost Estimate Updated Using FoodNet Data", *FoodReview*, Vol. 22, Issue 2, May-August, 1999.

Golan, E.H., et al. "Tracing the Costs and benefits of Improvements in Food Safety: The Case of the Hazard Analysis and Critical Control Point Program for Meat and Poultry," Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture. Agricultural Economic Report No. 791.

Hussein, H.S., "On-farm factors can decrease risk of E. coli contamination," *Feedstuffs*, March 13, 2000.

Kaufman, M., "Cracks in the Egg Industry; Criticism Mounts to End Forced Molting Practice," *The Washington Post*, April 30, 2000.

Marbery, S., "Emerging gut disease," Hog Industry Insider, *Feedstuffs*, October 16, 2000.

Marbery, S., "Herd health 101," Hog Industry Insider, *Feedstuffs*, June 19, 2000.

McGraw, L., "Feeding Sodium Chlorate to Livestock to Kill *Salmonella* and *E. Coli*," *Agricultural Research*, March 2001.

Mead, P.S. et al. "Food-Related Illness and Death in the United States," *Emerging Infectious Diseases*, Vol. 5, No. 5, Published by Centers for Disease Control and Prevention, Atlanta, GA. September/October 1999.

<http://www.cdc.gov/ncidod/eid/vol5no5/mead.htm>

Mellon, M., Benbrook, C, Benbrook, K., "Hogging It! Estimates of Antimicrobial Abuse in Livestock," Union of Concerned Scientists, January 2001. Full text available at the UCS website: <http://www.ucsusa.org/publications>

Molbak, Kare, et al., "An Outbreak of Multidrug-Resistant, Quinolone-Resistant *Salmonella enterica* Serotype Typhimurium DT104", November 4, 1999, *New England Journal of Medicine*, Vol. 341, No. 19.

Naik, G., "Animal Ills Spread With a Spin of the Globe," *The Wall Street Journal*, March 2, 2001.

National Animal Health Monitoring System, USDA. *Salmonella enterica serotype Enteritidis in Table Egg Layers in the U.S.* APHIS:VS, CEAH, Fort Collins, CO. #N33.1000. 2000.

National Animal Health Monitoring System, USDA. *Part I: Baseline Reference of Feedlot Management Practices*, 1999. APHIS:VS, CEAH, National Animal Health Monitoring System. Fort Collins, CO. #N327.0500.

National Animal Health Monitoring System ,USDA. 2000. *Part III: Health Management and Biosecurity on U.S. Feedlots, 1999*. APHIS:VS, CEAH,. Fort Collins, CO. #N327.0500.

Orlando, L., “Small hog farms,” *Dollars & Sense*, Issue 218, Jul/Aug 1998.

Pell, A., 1997, “Manure and Microbes: Public and Animal Health Problem?” *J. of Dairy Science*, 80:2673-2681.

Shishkin, P., “Europe Cordons Off the U.K. To Keep Disease at Bay; After Mad Cow , Action,” *The Wall Street Journal*, March 2, 2001.

Smith, R., “McDonald’s guidelines send signal across all animal production segments,” *Feedstuffs*, August 28, 2000.

Smith, R., “UEP adopts agriculture’s first animal welfare guidelines,” *Feedstuffs*, October 16, 2000.

Tauxe, R.V. “Salmonella: A Postmodern Pathogen,” *J. Food Protection*. 54(7):563-568. 1991.

U.S. Environmental Protection Agency. “National Pollutant Discharge Elimination System Permit Regulation and Effluent Limitations Guidelines and Standards for Concentrated Animal Feeding Operations”, proposed rule, January 2000.

Wegener, Henrik C., et al., “Use of Antimicrobial Growth Promoters in Food Animals and Enterococcus faecium Resistance to Therapeutic Antimicrobial Drugs in Europe”, *Center for Disease Control and Prevention Journal Emerging Infectious Diseases*, 1999, Vol. 5, No. 3.

### **Further Information and Resources**

More information on USDA’s APHIS Domestic Animal Health programs is available. <http://www.aphis.usda.gov/vs/nahps/domanima.html>

ERS-USDA estimates for the economic impacts of foodborne illness. <http://www.ers.usda.gov/briefing/FoodborneDisease/foodandpathogens/index.htm>

ERS-USDA report on the costs of illnesses triggered by five leading foodborne causes. <http://www.ers.usda.gov/Emphases/SafeFood/features.htm>

Food and Drug Administration, Center for Food Safety and Applied Nutrition, Hazard Analysis and Critical Control Point. <http://vm.cfsan.fda.gov/~lrd/haccp.html>

Additional information on disease threats to the livestock industry and the Animal and Plant Health Inspection Service response:

<http://www.aphis.usda.gov/>

## **Chapter 6. Access to Markets, Contracts and Corporate Performance**

Abbott, C., “Veneman Vows Tough Line on U.S. Agri Giants,” Reuters News Service, January 18, 2001.

Callicrate, M., “Let’s Get Back To The Real Business Of Agriculture – Farming”, Rural Updates online conference, “Voices of the Family Farm,” available on the Internet at: <http://www.familyfarmer.org/>

Cattlemen’s Legal Fund website: <http://www.nobull.net/legal/>

Daschle, T. 107th Congress, 1st Session, Senate bill S. 20, “Securing a Future for Independent Agriculture Act of 2001”, introduced by Senate Minority Leader Tom Daschle of South Dakota to the Committee on Agriculture, Nutrition, and Forestry, January 22, 2001.

Delgado, C. et al., “The Next Food Revolution,” International Food and Policy Institute Discussion Paper, 1999.

The Economist, “Agriculture and technology: Trust of bust,” Vol. 354, Issue 8163, March 25, 2000.

Elitzak, H., “Food Cost Review, 1950-97.” Food and Rural Economics Division, Economic Research Service, U.S. Department of Agriculture. Agricultural Economic Report No. 780, June 1999.

Ghent, B., “Agriculture: Mergers squeeze family farms,” *National Journal*, Vol. 32, Issue 29, July 15, 2000.

Hamilton, N., “Why Own the Farm When You Can Own the Farmers (and the Crop)?: Contract Production and Intellectual Property Protection of Grain Crops,” *Nebraska Law review*, 73:48. 1994.

Heffernan, W., “Consolidation In The Food and Agriculture System,” report to the National Farmers Union, February 5, 1999.

Looker, D., “Here’s a warning and a wake-up call from a respected scholar,” *Successful Farming*, Iowa edition, Vol. 98, Issue 3, Mid-Feb. 2000.

Lotterman, E., “You feed 16,000 hogs...” *Fedgazette*, publication of the Federal Reserve Bank of Minneapolis, Vol. 11, Issue 1, January 1999.

“Shareholder Scoreboard, The Best & Worst Performing Companies,” *The Wall Street Journal*, February 26, 2001.

Smith, R., “Tyson reports 74% of IBP stock has been tendered,” *Feedstuffs*, January 22, 2001.

Tevis, C., “Rural rally delivers message to D.C.” *Successful Farming*, Iowa edition, Vol. 98, Issue 7, May/June 2000.

Weber, J., “Will Agribusiness Plow under the Family Farm? Rampant consolidation has caught Washington’s attention,” *Business Week*, October 23, 2000.

Wirtz, R., “Concentrating on food concentration,” *Fedgazette*, a publication of the Federal Reserve bank of Minneapolis, Vol. 12, Issue 1, January 2000.

Wolf, R., “Agriculture and law,” *The North American Review*, Vol. 285, Issue 3 / 4, May/Aug 2000.

### **Further Information and Resources**

Forbes 2001 ranking of America’s top 400 companies....

ERS-USDA “Agricultural Income and Finance” annual reports.  
<http://www.ers.usda.gov/briefing/farmincome/>

ERS-USDA publishes a statistical summary of economic indicators in each issue of *Agricultural Outlook* magazine. Tables 31, “Value Added to the U.S. Economy by the Agricultural Sector” can be found on page 23, *Agricultural Outlook* January-February 2001.

<http://www.ers.usda.gov/publications/agoutlook/Jan2001/ao278i.pdf>

ERS-USDA data on the retail and farm value of a standard “market basket” of food.

<http://www.ers.usda.gov/briefing/foodpricespreads/basket/>

The Organization for Competitive Markets is a non-profit organization whose goal is to protect competitive practices in the agricultural marketplace through research, education and advocacy. OCM Newsletter contains the article “Price reporting Corrupted” on mandatory livestock price reporting.

[http://www.competitivemarkets.com/news\\_and\\_events/newsletter/index.htm](http://www.competitivemarkets.com/news_and_events/newsletter/index.htm)

USDA Office of the Inspector General: < <http://www.usda.gov/oig/index.html> >

Information on mergers and integration in the pesticide, seed and agricultural biotechnology industries.

<http://www.biotech-info.net/seed-pest.html>

Technical paper on genetically modified traits in corn and soybean varieties.

[http://www.biotech-info.net/technical\\_paper3.pdf](http://www.biotech-info.net/technical_paper3.pdf)

## **Chapter 7. Policy and Spending Priorities and Recommendations**