



## Reference Collection

### Task Force Reports

*Scientific, Ethical, and Economic Aspects of Farm Animal Welfare* (R143)  
*Carbon Sequestration and Greenhouse Gas Fluxes in Agriculture: Challenges and Opportunities* (R142)  
*Climate Change and Greenhouse Gas Mitigation* (R141)  
*Integrated Pest Management: Current and Future Strategies* (R140)  
*Mycotoxins: Risks in Plant, Animal, and Human Systems* (R139)  
*Urban and Agricultural Communities: Opportunities for Common Ground* (R138)  
*Vertical Coordination of Agriculture in Farming Dependent Areas* (R137)  
*Animal Agriculture and Global Food Supply* (R135)

### Special Publications

*Omega-3 Fatty Acids: Health Benefits and Dietary Recommendations* (SP32)  
*Assessing the Health of Streams in Agricultural Landscapes: The Impacts of Land Management Change on Water Quality* (SP31)  
*Sustainability of U.S. Soybean Production* (SP30)  
*Fate and Transport of Pathogens in Swine Manure* (SP29)  
*Gene Flow in Alfalfa: Biology, Mitigation, and Potential Impact on Production* (SP28)  
*Water Quality and Quantity Issues for Turfgrasses in Urban Landscapes* (SP27)

### Issue Papers

*Ground and Aerial Robots for Agricultural Production: Opportunities and Challenges* (IP70)  
*Food Biofortification—Reaping the Benefits of Science to Overcome Hidden Hunger* (IP69)  
*Agriculture and the Microbiome* (IP68)  
*Impact of Recruitment and Retention of Food Animal Veterinarians on the U.S. Food Supply* (IP67)  
*Interpreting Pesticide Residues in Food* (IP66)  
*Protecting Food Animal Gene Pools for Future Generations* (IP65)  
*Reducing the Impacts of Agricultural Nutrients on Water Quality across a Changing Landscape* (IP64)  
*Aquifer Depletion and Potential Impacts on Long-term Irrigated Agricultural Productivity* (IP63)  
*Food Loss and Waste* (IP62)  
*Impact of Free-Range Poultry Production Systems on Animal Health, Human Health, Productivity, Environment, Food Safety, and Animal Welfare Issues* (IP61)  
*Genome Editing in Agriculture: Methods, Applications, and Governance* (IP60)  
*Regulatory Barriers to the Development of Innovative Agricultural Biotechnology by Small Businesses and Universities* (IP59)  
*Crop Protection Contributions toward Agricultural Productivity* (IP58)  
*Plant Breeding and Genetics* (IP57)  
*Process Labeling of Food: Consumer Behavior, the Agricultural Sector, and Policy Recommendations* (IP56)

*The Contributions of Pesticides to Pest Management in Meeting the Global Need for Food Production by 2050 (IP55)*

*The Potential Impacts of Mandatory Labeling for Genetically Engineered Food in the United States (IP54)*

*Animal Feed vs. Human Food: Challenges and Opportunities in Sustaining Animal Agriculture Toward 2050 (IP53)*

*Impact of the Precautionary Principle on Feeding Current and Future Generations (IP52) Food, Fuel, and Plant Nutrient Use in the Future (IP51)*

*Water and Land Issues Associated with Animal Agriculture: A U.S. Perspective (IP50)*

*Herbicide-resistant Weeds Threaten Soil Conservation Gains: Finding a Balance for Soil and Farm Sustainability (IP49)*

*Energy Issues Affecting Corn/Soybean Systems: Challenges for Sustainable Production (IP48)*

*Air Issues Associated with Animal Agriculture: A North American Perspective (IP47)*

*Ethical Implications of Animal Biotechnology: Considerations for Animal Welfare Decision Making (IP46)*

*Agricultural Productivity Strategies for the Future: Addressing U.S. and Global Challenges (IP45)*

*Water, People, and the Future: Water Availability for Agriculture in the United States (IP44)*

*Animal Productivity and Genetic Diversity: Cloned and Transgenic Animals (IP43)*

*Scientific Assessment of the Welfare of Dry Sows Kept in Individual Accommodations (IP42)*

*Ruminant Carcass Disposal Options for Routine and Catastrophic Mortality (IP41)*

*Poultry Carcass Disposal Options for Routine and Catastrophic Mortality (IP40)*

*Swine Carcass Disposal Options for Routine and Catastrophic Mortality (IP39)*

*Vaccine Development Using Recombinant DNA Technology (IP38)*

*Implications of Gene Flow in the Scale-up and Commercial Use of Biotechnology-derived Crops: Economic and Policy Considerations (IP37)*

*Probiotics: Their Potential to Impact Human Health (IP36)*

*The Role of Transgenic Livestock in the Treatment of Human Disease (IP35)*

*Agricultural Ethics (IP34)*