**Record Series Number** 

Agriculture
Agricultural Economics
Lowell D. Hill Papers, 1962-97

The materials listed in this document are available for research at the University of Illinois Archives. For more information, email <a href="mailto:illinois.edu">illiarch@illinois.edu</a> or search <a href="mailto:http://www.library.illinois.edu/archives/archon">http://www.library.illinois.edu/archives/archon</a> for the record series number.

<u>Box 1</u>:

## **PUBLICATION INDEX**

- I. TRANSPORTATION
- II. GRAIN MARKETING -- GENERAL
- III. GRAIN MARKET STRUCTURE AND FLOWS
- IV. PRICES, DISCOUNTS, AND MARKETING STRATEGIES
- V. GRAIN DRYING AND STORAGE
- VI. MOISTURE MEASUREMENT, SHRINK, AND REWETTING
- VII. GENERAL
- VIII. GRAIN QUALITY-- SOYBEAN PROCESSING, CORN WET AND DRY MILLING
- IX. QUALITY CHANGES DURING SHIPMENT
- X. GRAIN QUALITY, GRADES AND STANDARDS

Note: within category, successive publications are numbered with arabic numerals. Publications held as part of Lowell D. Hill Papers are preceded with an asterisk (\*).

## Box 1:

### I. TRANSPORTATION

- \* 1. Impact of Rail Abandonment of Agricultural Production and Associated Grain Marketing and Fertilizer Supply Firms. A.R. Bunker and L.D. Hill -- January 1975
- 2. The Impact of Unit Trains on Corn Price Relationships at Country Elevators: Two Case Studies. Linwood A. Hoffman, Steve C. Birmingham -- July 1976
- \* 3. S. Bulletin #227 -- Transportation Rates for Corn, Wheat and Soybeans (SM 42 by Joe Free -- February 1978)
- 4. Estimating Barge Transport Costs for Grain and Fertilizer David E. Moser and Michael W. Woolverton -- June 1978
- 5. Estimating Rail Transport Costs for Grain and Fertilizer Thomas P. Drinka, C. Phillip Baumel, John J. Miller -- June 1978
- 6. Estimating Truck Transport Cost for Grain and Fertilizer William F. Payne, C. Phillip Baumel, David E. Moser -- June 1978
- \* 7. Rail-line Abandonment in the North Central Region Dale G. Anderson, Marc A. Johnson, and L. Orlo Sorenson-- February 1979.
- 9. The Impact of Demand-Sensitive Railroad Rates Upon the Storaged Transportation

- System for U.S. Feed Grains. Linwood A. Hoffman and Lowell D. Hill. Selected paper, 1980 Summer AAEA meetings, Urbana, Illinois.
- \* 10. <u>AE-4527</u> -- Impact of Waterway User Fees on Illinois Agriculture
- \* 11. <u>Series E- 198</u> -- Agricultural Economics. Grain Transport on the Inland Waterways and Effects of Waterway User Charges on Illinois Agriculture. Dennis M. Conley and Lowell D. Hill. October 1981. Dept. of Ag. Econ.
- \* 12. National Waterways Study Maps No. 21, 22, 23, 24, 1977. National Grain Maps 1985, SP76. (Grain Movements to Points of Export in 1985). (\$1)
- \* 13. <u>AE-4535</u> -- Conference Proceedings, Waterway User Charges Conference. September 1982, Agricultural Experiment Station, University of Illinois.
- \* 14. <u>AE- 4541</u> -- Barge Movements of Illinois Grains Lowell D. Hill, Julia P. Brophy, Subramanian S. Sriram. May 1983.
- \* 15. An Analysis of Selected Changes in the U.S. Grain Transportation System, 1990. North Central Regional Research Report Publication No. 294. From the Michigan State University Agricultural Experiment Station, East Lansing. May 1984. U. S. Grain Marketing System for the 1990's Alternate Policy Scenarios.
- 16. Effects of a Flexible Rail Rate Policy Upon the Storage and transportation System for Feed Grains. Linwood A. Hoffman, Mack N. Leath, and L.D. Hill. North Central Journal of Agricultural Economics, Vol. 7, No. 1, January 1985.
- \* 17. "A Flexible Rail Rate Policy," Impacts on U.S. Feed Grains. Linwood A. Hoffman, Lowell D. Hill, and Mack N. Leath. USDA, Technical Bulletin #1701, April 1985
- \* 18. <u>AE-4613</u> -- Organization and Structure of the Barge Industry Transporting Grain and Oilseeds, Patricia H. Miller and Lowell D. Hill. May 1986, 30 pages.
- \* 19. <u>Executive Summary of **AE-4613**</u> -- "Organization and Structure of the Barge Industry Transporting Grain and Oilseeds," May 1986. Patricia H. Miller and L. D. Hill.
- \* 20. "Transportation and Competitiveness of U.S. Agricultural Products in World Markets: Summary of a Research Symposium, Economic Research Service, U.S. Department of Agriculture, Staff Report No. AGES 870611, October 1986. Various author including Lowell D. Hill.
- \* 21. "The Optimum Government Control of Transportation," L. D. Hill. **Series E, Ag. Econ. No. 92E-473**, January 1992.
- \* 22. Task Force Reports 1-10.

  Adequacy of Storage, Transportation, and Dryer Fuel for Illinois Grain, 1973, AE-4320

  Fuel and Transportation Situation for Illinois Grain in 1973: Third Report, AE-4326

  Transportation and Fuel Situation in Illinois, AE-4332

  Nitrogen Situation in Illinois, AE-4343

  Estimated Fuel Requirements for Farm Production in Illinois, 1972-74, AE-4347

  Rail Reorganization and the Illinois Grain Industry, AE-4351

  Grain Drying and Storage in Illinois 1974, AE-4358

  Fertilizer Supply and Demand for Illinois, AE-4363

Corn Quality and Discounts in Illinois, 1974, AE-4368

### II. GRAIN MARKETING -- GENERAL

\* 1. Linear Programming as a Planning Aid for Country Grain Elevator Managers, <u>Illinois Agricultural Economics</u>. Norman P. Schnake and Lowell D. Hill -- July 1967

- \* 2. Trends in Harvesting and Marketing Corn, <u>Illinois Business Review</u> Lowell D. Hill and J. T. Scott, Jr. -- May 1968.
- \* 3. Grain Marketing. Lowell D. Hill and P. J. van Blokland -- September 30, 1975 Grain Marketing (Chapter 1) Lowell D. Hill and P.J. van Blokland -- September 30, 1975
- 4. Improving the Export Capability of Grain Cooperatives, FCS Research Report #34, Farmer Cooperative Service, USDA, Stanley Thurston, Michael Phillips, James Haskell and David Volkin. June 1976.
- 5. Export Techniques of Grain Cooperatives, FCS Information 104, Farmer Cooperative Service, USDA, Donald E. Hirsch, November 1976.
- \* 6. U.S. Corn Industry. U.S. Department of Agriculture Economic Research Service. <u>AG. Econ. Report Number 479.</u> Mack N. Leath, Lynn H. Meyer, Lowell D. Hill, Feb. 1982.
- \* 7. <u>Staff Paper No. 81 E-206</u> -- Effect of Alternative Marketing Systems on World Grain Supplies, Lowell D. Hill and Allan Mustard. December 1981
- 8. National Conference on Grain Marketing Patterns, Southern Cooperative series No. 307, and North Central Cooperative Series Bulletin 299: Memphis, Tennessee, March 11-13, 1981
- \* 9. Illinois' Share of U.S. Agricultural Exports, Agricultural Economics Staff Paper E, Lowell Hill and Phyllis Croft. June 1982.
- 10. Selected Characteristics of the U.S. Grain Marketing Industry, The Ohio State University Ag Research and Development Center, Bulletin 1178, July 1986.
- 11. Monograph: "Economics of Production, Marketing and Utilization," Chapter 7 and Chapter 15, by S. Watson: Corn (Zea mays L.) Chemistry and Technology, edited by Stanley A. Watson and Paul Ramstad, American Association of Cereal Chemists, St. Paul, MN, published June 1987, pp. 201-252.
- \* 12. Handling, Shipping and Storage of Oilseeds and Meals to Meet World Market Quality Requirements. Given at the World Congress on Vegetable Protein Utilization in Human Foods and Animal Feedstuffs Conference, Singapore, October 2-7, 1988. Lowell D. Hill and Martin G. Patterson.
- \* 13. "Modern Maize Seed Marketing," paper given at the Workshop on Maize Breeding and Maize Production, Euromaize 88, October 6-8, 1988 at Belgrade, Yugoslavia, published in the Euromaize 88 proceedings, pages 177-185.
- \* 14. <u>AERR 186</u> -- The Demand for Soybean Meal by the European Economic Community: An Econometric Model. Hendrick C. Knipscheer and Lowell D. Hill. September 1982.

8/4/38 4

\* 15. "Effects of Regulation on Efficiency of Grain Marketing," Lowell D. Hill <u>Journal of International Law</u>, Case Western Reserve University, Vol. 17, No. 3, Summer 1985, pp. 389-419.

- 16. Economic Considerations in Industrial Utilization of Cereals. Lowell D. Hill and Allan Mustard. Reprint of article in <u>Ceals: A newable source</u>. Proceedings held in Copenhagen, August 1981. pp. 25-53.
- 17. The Argentine Grain Industry: The Start of Privatization. Stacy M. Essinger, Lowell D. Hill, and Alfonso Ruiz-Guinazu. **AE-4716**. November 1996.pp.16. Color Version
- \* 18. The Argentine Grain Industry: The Start of Privatization. Stacy M. Essinger, Lowell D. Hill, and Alfonso Ruiz-Guinazu. **AE-4716.** November 1996.pp.16. Black and White Version.
- 19. Marketing of Maize and Soybeans in Thailand. Glen Bode, Kevin Pray, Sarun Wattanutchariya, Lowell Hill. AE-4719. March 1997.
- \* 20. Grain Grades and Standards: Historical Issues Shaping the Future. Lowell D. Hill, Agricultural Economics. Urbana: University of Illinois Press, 1990.

# III. GRAIN MARKET STRUCTURE AND FLOWS

- \* 1. Estimating the Quantity of Corn Moved from Farms to Elevators in Illinois Agricultural Economics. Vol. 10, No. 1 M.K. Von Oppen and Lowell D. Hill -- January 1970.
- \* 2. Estimating a Theoretical Contract Curve Between Vertical Stages in the Illinois Grain Industry. E. Dean Baldwin and Lowell D. Hill -- 1974.
- 3. Structure of the Grain Market in Surplus Feed Grain Areas. B. F. Jones, John W. Sharp, Dean Baldwin-- October 1975.
- 4. Grain Movements Between Southern and Corn Belt States James L. Stallings, James M. Harris, Charles Sappington -- March 1976.
- \* 5. <u>AE-4404</u> --Production of Feed Grains and Use by Livestock in Illinois 1957-1973 and Projected to 1980 and 1985. B.L. Brooks and Lowell D. Hill -- May 1976.
- \* 6. <u>AERR-146</u> -- Changes in Destinations and Mode of Transport for Illinois Grain, 1954, 1970 and 1973. Steve C. Birmingham and Lowell D. Hill -- August 1976.

### <u>Box 2</u>:

- \* 7. \* **Nothing in File.** <u>AERR-143</u> -- The Market for Illinois Grain. Lowell D. Hill and Bruce L. Brooks -- August 1976.
- 8. <u>AE-4425</u> -- An Analysis of Grain Movement on the Illinois River. Steve C. Bermingham and Lowell D. Hill -- December 1976.
- 9. The Midwestern and Southern U.S. Grain Merchandising Patterns: A Contrast. E. Dean Baldwin and W. Lanny Bateman -- October 1977.
- \* 10. <u>AERR-170</u> -- Illinois Crop Production John T. Scott and Lowell D. Hill --September 1979.

\* 11. Grain Production and Consumption for Feed in the North Central and Southern States with Projections for 1985, 1990, and 2000. Sheryl S. Lazarus, Lowell D. Hill and Stanley R. Thompson. November 1980. 24 p. <u>Agricultural Experiment Station</u> Bulletin 763.

- \* 12. The Pattern of Grain Movements on the Inland Waterways. Lowell D. Hill. Article in National Waterways Roundtable: Proceedings, History, Regional Development Technology, A Look Ahead. April 22-24, 1980, Norfolk, Virginia.
- \* 13. Corn Movements in the U.S.: Interregional Flow Patterns and Transportation Requirements in 1977. Lowell D. Hill, Mack N. Leath, and Stephen W. Fuller. January 1981. 126 p. <u>Illinois Bulletin 768</u>. (\$3)
- \* 14. Soybean Movements in the U.S.: Interregional Flow Patterns and Transportation Requirements in 1977. Mack N. Leath, Lowell D. Hill and Stephen W. Fuller. North Central Regional Research Publication No. 273, Southern Cooperative Series Bulletin 251, January 1981. 62 p., Illinois Bulletin 766. (\$3)
- \* 15. Sorghum Movements in the U.S.: Interregional Flow Patterns and Transportation Requirements in 1977. Mack N. Leath, Lowell D. Hill and Stephen W. Fuller. January 1981. 58 p., Illinois Bulletin 765. (\$3)
- 16. Wheat Movements in the U.S.: Interregional Flow Patterns and Transportation Requirements in 1977. Mack N. Leath, Lowell D. Hill, and Stephen W. Fuller, North Central Regional Research Publication, No. 274, Southern Cooperative Series Bulletin 252, January 1981. 134 p., Illinois Bulletin 767. (\$3)
- \* 17. Oat Movements in the U.S.: Interregional Flow Patterns and Transportation Requirements in 1977. Mack N. Leath, Lowell D. Hill, and Stephen W. Fuller. January 1981. Illinois Bulletin 769. (\$3)
- \* 18. Barley, Rye and Flaxseed Movements in the United States: Interregional Flow Patterns and Transportation Requirements in 1977. Lowell D. Hill, Mack N. Leath and Stephen W. Fuller. January 1981. 82 p. Illinois Bulletin 770. (\$3)
- 19. Structure of Grain Marketing in the South D. Milton Shuffett and Harry H. Hall -- May 1977.
- 20. "Grain Facilities in the U.S. Specializing in Originating Grain for Export and Soybean Processing Plants." John W. Sharp, Ohio Agricultural Research and Development Center. Research Circular 241. September 1978.
- \* 21. "Grain Movements, Transportation Requirements, and Trends in United States Grain Marketing Patterns During the 1970's. Mack N. Leath and Lowell D. Hill. Ag Experiment Station. <u>Illinois Bulletin 777.</u> July 1983.
- 22. <u>SM-42</u> -- "Predicted Effects of Selected Policy and Technology Charges on the Grain Marketing System." Compiled by John W. Sharp, Regional Research Report #1, April 1973.
- \* 23. <u>AERR-196</u> -- Production, Utilization, and Marketing Patterns for Illinois Grains and Soybeans. Lowell D. Hill, Julia P. Brophy, and Mack N. Leath. Ag. Economics Research Report. Ag. Experiment Station, University of Illinois at Urbana-Champaign. June 1984.

24. The U.S. Oats Industry, L.A. Hoffman, J. Livezey, USDA, ERS, <u>AER No. 573</u>, July 1987.

- 25. Grain Production and Utilization in the U.S. with Projections for 1990 and 2000, Eric J. Wailes and Joseph E. Vercimak, North Central Regional Publication 317, Southern Cooperative Series Bulletin 333, January 1989, 40 pages.
- \* 26. U.S. Sorghum Movements, 1985, Lowell D. Hill, Martin Patterson, Joseph E. Vercimak, Stephen Fuller, and Dale Anderson, Illinois Agricultural Experiment Station, **Bulletin 791,** September, 1990, 38 pages. (**\$6**)
- 27. U.S. Soybean Movements, 1985, Donald W. Larson, Thomas K. Smith, E. Dean Baldwin, Illinois Agricultural Experiment Station, **Bulletin 792**, September, 1990, 45 pages. (**\$6**)
- \* 28. U.S. Wheat Movements, 1985, Lowell D. Hill, Michael Reed, **Bulletin 795**, September, 1990, 52 pages. (**\$6**)
- \* 29. U.S. Corn Movements, 1985, Jerry E. Fruin, Daniel W. Halbach, and Lowell D. Hill, **Bulletin 793**, September, 1990, 50 pages. (\$6)
- 30. Oat Movements in the U.S., 1985, E. Dean Baldwin, Thomas R. Smith, Donald E. Larson, and Harlon D. Traylor, **Bulletin 794**, September, 1990, pages 37. (\$6)
- \* 31. Impact of Production Changes on Movement of Wheat Between Selected States, 1982-1983, Lowell D. Hill, Stephen L. Ott, and Karen L. Bender, **Bulletin 798**, September, 1990, 77 pages. (\$6)
- \* 32. Impact of Production Changes on Movement of Corn Between Selected States, 1982-1983, Lowell D. Hill, Martin G. Patterson, **Bulletin 796**, September, 1990, 70 pages. (\$6)
- \* 33. Impact of Production 1982-83 Changes on Movement of Soybeans Between Selected States, Lowell D. Hill, Albert J. Allen, and Harlon D. Traylor, **Bulletin 797**, September 1990, pages 68. (\$6)
- 34. Current Issues in U.S. Grain Marketing, Edited by Michael R. Reed. Proceedings of the NC-137/S-176 Grain Marketing Conference. Kentucky Agricultural Experiment Station, Lexington, Kentucky, November 1989, 190 pages.
- 35. "Structural Characteristics of Grain Elevators with Comparisons Between Privates and Cooperatives." A Southern Cooperative Series **Bulletin 353**. Michael Reed. 1990
- 36. "U.S. Wheat Movement," A Preliminary Report of Data. Lowell D. Hill, Martin G. Patterson, Brian L. Anderson, July 1989.

### IV. PRICES, DISCOUNTS, AND MARKETING STRATEGIES

- \* 1. <u>AERR-1980</u>--Elevator Charges for Drying, Storing, and Merchandising Corn. L. D. Hill, April 1966
- \* 2. Trends in Illinois' Moisture Discounts. L. D. Hill, 1968

- \* 3. Spatial Price Differentials for Corn C. B. Sappington, L. D. Hill and E. D. Baldwin-January 1975
- \* 4. <u>AE-4368</u>--Corn Quality and Discounts in Illinois, 1974. L. D. Hill, R. B. Schwart, and L. F. Stice. January 1975
- 5. Farmers Use of Forward Contacts and Future Markets Allen B. Paul, Richard G. Heifner and John W. Helmuth--March 1976
- 6. Marketing Strategies for Corn and Soybeans in Minnesota, Minnesota Agricultural
  Economist, Patrick Henneberry and Reynold Dahl July 1977
- \* 7. Farmers' Grain Marketing Patterns in the North Central Region. L. D. Hill. North Central Regional Research Publication #231. University of Illinois at Urbana-Champaign, College of Agriculture. Ag. Experiment Station Bulletin 754
- 8. Price Differentials Among Illinois Country Elevators. Lowell D. Hill and Leroy Davis, February 1974
- 9. Marketing Practices for 1974 Corn, Soybean and Wheat Crops, October 30, 1975
- \* 10. Effects of Grain Embargos on Prices at the Country Elevators. Lowell D. Hill and Clint Rehtmeyer--Fall 1982. Dept. of Ag. Econ., University of Illinois
- \* 11. <u>AE-4540</u>--Price Discounts for Corn Quality at Illinois Elevators. Lowell D. Hill and Sandra Vache', December 1982.
- \* 12. <u>AE-4559</u>--The PIK Program and price Variability Among Local Elevators. Lowell D. Hill and Sandra Vache. August 1983
- \*13. <u>AE-4561</u>--Price Related Characteristics of Illinois Grain Elevators, 1982. Lowell Hill, Eugene Kunda and Clint Rehtmeyer. September 1983
- \*14. <u>AE-4587</u>--Effect of Quality Discounts on Farmers' Prices for Corn and soybeans. L. D. Hill and Milena Misevic. December 1984.
- \* 16. Corn & Soybean Price and Quality Discounts at Illinois Interior Grain Elevators During

  Fall 1989. No. 90 E-449, Series E, Brian Anderson and Lowell D. Hill,

  Department of Agricultural Economics, University of Illinois Urbana-Champaign,

  Illinois Agricultural Economics Staff Paper March 1990
- \* 17. Corn and Soybean Prices and Quality Discounts at Illinois Grain Elevators, 1990

  Aleksandar Bekric and Lowell D. Hill, Dept. of Ag. Econ., Ag. Experiment

  Station, College of Ag., University of Illinois at Urbana-Champaign, **AE-4674**June, 1991

### V. GRAIN DRYING AND STORAGE

- 1. Selecting a Grain Drying Method. Bruce A. McKenzie. October 1977 Packets on "Drying Techniques to Reduce Energy
- 2. The Economics of Grain Storage. L. D. Hill, 1967
- 3. Drying Shelled Corn. H. H. Beaty, G. C. Shove, V. W. Davis, April 1968

- \* 4. Changes in Corn Harvesting and Handling in Illinois. L. D. Hill, J. T. Scott, Jr., 1968
- \* 5. <u>AERR-93</u>--Trends in Harvesting, Conditioning, and Storing Illinois' Corn. L. D. Hill and J. T. Scott, Jr., September 1968
- 6. <u>AERR-98</u>--The Economics of Corn Conditioning and Storage Alternatives for Farmers. John T. Scott, Jr., January 1969
- 7. **AE-4228**--Alternatives for Conditioning and Storing Corn at Farm and Elevator (Proceedings of a Regional Research Conference), February 1970
- \* 8. Adequacy of Elevator Capacity in Illinois Counties. L. D. Hill, March 1970
- \* 9. <u>AERR-105</u>--Adjustments in Drying and Storage Capacity at Farm and Elevator. L. D. Hill, July 1970
- 10. Economic Determinants of the Farm and Elevator Trends in the Volume of Corn Artificially Dried. L. D. Hill, November 1970
- \* 11. <u>AERR-108</u>--Grain elevators in Illinois, Factors Affecting Their Number and Location. Matthais von Oppen and Lowell D. Hill, November 1970
- \* 12. <u>AERR-111</u>--Potential Growth in Commercial Grain Drying. L. D. Hill and L. F. Stice, July 1971
- \* 13. <u>Circular 1053</u>--Drying Corn at the Country Elevator. Lowell D. Hill and Gene C. Shove, March 1972
- \* 14. A Threshold Model of Purchasing Decisions, <u>Journal of Marketing Research</u>. Paul Kau and Lowell D. Hill, August 1972
- \* 15. AERR-118--The Demand for On-Farm Heated-Air Grain Dryers. Paul Kau and Lowell
- 16. **AE-4320**--Adequacy of Storage, Transportation, and Dryer Fuel for Illinois Grain, 1973
- \* 18. \*Nothing in File <u>AERR-152</u>--Comparative Costs of Conditioning and Storing Corn. R. B. Schwart and Lowell D. Hill, July 1977

### Box 3:

- 19. Costs of Drying and Storing Shelled corn on Illinois Farms. R. B. Schwart and Lowell D. Hill, August 1977
- \* 20. <u>AERR--164</u>--Grain Drying and Storage Facilities and Marketing Patterns in Illinois and Iowa. L. D. Hill and J. E. Vercimak, October 1979
- \* 21. <u>AE-4482</u>--Drying and Storage Requirements for Illinois Grain During 1979 Harvest. Lowell D. Hill, Kenneth Kling, Sheryl Lazarus, September 7, 1979
- 22. "Low Temperature and solar Drying Facilities and New Bin Storage: Investment, Ownership, and Energy Costs for Corn in 1982" and "Investment, Ownership, and Energy Costs of New Bin Storage and of Hot Air Drying Facilities for Corn, 1982." R. B. Schwart, September 1982

\* 23. <u>AERR--201</u>--"Production Response of Illinois Farmers to Premiums for Low-Temperature Dried Corn," L. D. Hill, Julia P. Brophy, Wojciech J. Florkowski, Dept. of Agricultural Economics, Agricultural Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign, August 1987, 21 pages.

- 24. <u>Inland Grain Elevator--Operating Costs and Capital Requirements, 1982</u>. John O. Dunbar, Director. Bulletin 644.
- \* Spatial Price Differentials for Corn Among Illinois County Elevators. Leroy Davis and Lowell Hill. American Journal of Agricultural Economics, Feb. 1974, pp. 135-144.

## VI. MOISTURE MEASUREMENT, SHRINK, AND REWETTING

- \* 2. Moisture Variability in Corn for Export. Lowell D. Hill, Keith C. Behnke, Marvin R. Paulsen, and Gene K. Shove. AE-4610. Jan. 1986
- \* 3. MARKETING 49--Buying Corn on a No. 2 Basis: A Solution to the Moisture-Discount Problem. L. D. Hill approximately 1967
- \* 4. Relationship of elevator Charges to Off-Farm Drying of Corn--reprint from <u>Illinois</u>
  <u>Agricultural Economics</u>, Vol. 10, No. 1. L. D. Hill. January 1970
- \* 5. Shrink Tables and "Understanding and Using Moisture Discounts on Grain." L. F. Stice, 1966
- \* 6. <u>AE-4500</u>--Moisture Meter Recalibration and 1980 Corn quality Problems. Lowell D. Hill and Darrel L. Good, September 1980
- \* 7. <u>AE-4515</u>--Illinois-Iowa Moisture Meter Recalibration for Corn, Illinois-Iowa Moisture Meter Task Force Report. Lowell D. Hill, Marvin R. Paulsen, Charles, R. Hurburgh, August 5, 1981
- \* 8. Moisture Meter-to-Oven Comparisons for Illinois Corn. M. R. Paulsen, L. D. Hill, B. L. Dixon. Paper No. 81-3532. Am. Society of Agricultural Engineers, December 1981. Reprints from Transactions of ASAE (vol. 27, No. 6, pp. 1917-1923) Am. Soc. Ag. Eng., St. Joseph, Michigan, 1984.
- \* 9. "Illinois-Iowa Moisture Meter Task Force" (Lowell Hill Reporting). Report of the 66th National Conference on Weights and Measures 1981. U.S. Dept. of commerce. NBS Special Publication 629 pp. 224-223. AE-4515.
- \* 10. <u>AE-4542</u>--Shrink Factors for Corn Using Recalibrated Moisture Meters. Lowell D. Hill and Marvin R. Paulsen, September 1982
- 11. Letter to Extension Advisors, Agriculture. Lowell D. Hill and Marvin R. Paulsen, September 1, 1982
- \* 12. Moisture Meter to Oven Comparisons for Fall 1981 Corn. Marvin R. Paulsen, Lowell D. Hill and Bruce L. Dixon. For presentation at the 1982 Water Meter Conference
- 15. Moisture Meter-to-Oven Comparisons for Illinois Corn. M. R. Paulsen, L. D. Hill, and B. L. Dixon. Transactions of the American Society of Agricultural Engineers. Vol.

- \* 16. <u>AE-4594</u>--A Grain Industry Solution to the Rewetting Problem. Lowell D. Hill and Robert Spangler, April 1985.
- \* 17. Price and Value Relationships Explained for High Moisture Grain. L. D. Hill. Reprinted from Feed Stuffs 54 (37-42):1, 1982 (Sept. 6-Oct. 11).
- \* 18. <u>AE-4548</u>--Evaluation of the Issues in Grain Grades and Optimum Moistures. Department of Agricultural Economics, Ag. Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign, December 1982.
- \* 20. <u>AE-4602</u>--An International Reference Method for Measuring Moisture Content of Corn, September 1985
- 22. Removal of Moisture as a Determinant of Numerical Grade. Hill, Lowell D., Staff Paper # E-330, Oct. 1985
- \* 23. Moisture Variability in Corn. L.D. Hill, Anning Wei, Staff Paper 92 E-481. Feb. 1993.
- \* 24. Solving the Problem of Rewetting Grain: An Alternative to Regulation. Staff Paper # E-484, October 1993.
- \* 26. Single Kernel Moisture Variation and Fungal Growth of Blended Corn. Paper No. 94-6054. An ASAE Meeting Presentation in Kansas City, MO, June 19-22, 1994. UILU ENG 94-7002. E. Bonifacio-Maghirang, M.R. Paulsen, L.D. Hill, K. Bender, A. Wei.
- \* 27. Hill, L. D., Caponigri, Carolyn M. "Economic Incentives for Adjusting the Moisture Content of Grain." **AE-4708** May 1995.
- \* 28. Hill, L.D, K.L Bender, Marvin Paulsen, Peter Bloome, and Calvin Parnell, "Use of Water for Dust Suppression." U.S. Office of Technology Assessment. OAT-ENV-BP-177. Washington, D.C., November 1995. (Technology and Policy for Suppressing Grain Dust Explosions in Storage Facilities.)
- \* 29. Adjusting for Moisture: Proceedings of an Equivalent Bushel Workshop, Feb. 1996. **AE-4713.** June 1996.
- \* 30. **AE-4710**. Single Kernel Moisture Variability in Corn. L.D. Hill, K. Bender, A. Wei, M.R. Paulsen. December 1995.
- \* 31. "Hidden Discounts in Grain and the Incentive for Rewetting," L.D. Hill. Issue 93-11, September 1993.
- \* 32. Hill, L. D., K.L. Bender. 1994. Evaluation of Changing the Moisture Reference Method. <u>Cereal Foods World</u>. January 1994, pp. 19-27
- . Hill, L.D., and Glen bode. "The Economic Effects of Moisture Changes in Grains and Oilseed". **AE-4718**. November, 1996.

### VII. MISCELLANEOUS

- \* 1. **AE-4214** -- Procedures for Using the MPS/360 Linear Programming Routine. Dean Baldwin, John McMillan, Ron Tongate, and Lowell D. Hill.
- \* 2. **AE-4256** -- Procedures for Using the MPS/360 Linear Programming Routine. Robert Batterham and Lowell D. Hill.

\* 3. Characteristics of the Farmers Leaving Agriculture in an Iowa County. Lowell D. Hill. May 1962.

- \* 4. Locating a Processing Plant to Minimize Transfer Costs Lowell D. Hill and Carleton C. Dennis. March 1962.
- \* 4.1 Special Bulletin 444. "The Feed Manufacturing Industry and Michigan Agriculture." Lowell D. Hill and Carleton C. Dennis. Dept. of Ag. Econ., Ag. Exp. Sta., Michigan State University, 1963.
- \* 5. The Bargaining Potential in the Michigan Asparagus Industry Lowell D. Hill. May 1964.
- \* 6. A History of Organization in the Michigan Asparagus Industry Lowell D. Hill. 1964.
- \* 7. Market Planning for Resource Development in an Eight-County Region of Southern Illinois. Lowell D. Hill. March 1966.
- \* 8. Making Business Decisions in Feeder Pig Operations Lowell D. Hill and M.B. Kirtley. December 1966.
- \* 9. Feeder Pigs Go To Market Lowell D. Hill and M. B. Kirtley. 1967.
- \* 10. The Agribusiness Community as a Laboratory for Teaching Business Management: An Experiment in Undergraduate and Adult Education. Lowell D. Hill. December 1967.
- 11. The Open Competitive Market Approach, <u>Agricultural Organization in the Modern Industrial Economy</u>. Lowell D. Hill. April 1968.
- \* 12. Information Gaps and Research Problems, <u>Economics of Conglomerate Growth.</u> Lowell D. Hill -- November 1969.
- \* 13. <u>AE-4279</u> -- Statistical Tests for Comparing Means, Variances, and Regression Coefficients. Lowell D. Hill and Takashi Takayama -- August 1971.
- \* 14. Three Decades of Marketing Research in the Department of Ag. Economics. B. L. Dixon and Lowell D. Hill. August 1978.
- \* 15. Paul A. Funk Award Paper -- 1979 A Program of Research to Improve the Performance of Agricultural Markets. Lowell D. Hill. April 1980.
- \* 16. \*(Nothing in File) Demand Elasticities for Soybean Meal in the European Community Lowell D. Hill, Hendrick C. Knipscheer and Bruce L. Dixon.
- \* 17. Reprints of Journal Articles
  - -Random Variation in Measurement of Corn Grade Factors. T.E. Elam, Lowell D. Hill. Contributed Paper, AAEA, 1976 Summer Meeting.
  - -The Optimum Combination of Resources Within and Among Country Elevators. P.W. Lyle and Lowell D. Hill. Am. J. Agr. Econ.
  - Application of Multivariate Probit to a Threshold Model of Grain Dryer Purchasing Decisions. Lowell D. Hill and Paul Kau. Am. J. Agr. Econ.

- Book Review. Bloom, Gordon F., Productivity in the Food Industry: Problems and Potential, Cambridge, the MIT Press, 1972, xiii + 314 pp. (\$10.00)
- The Economic Impact of Alternative Policies on the Illinois Grain Marketing System. James M. Harris, E. Dean Baldwin, Lowell D. Hill and Tom Worley.
- A Threshold Model to Explain and Predict Economic Decisions. Paul Kau and Lowell D. HIll. December 1971.
- Demand Elasticities for Soybean Meal in the European Community. Kendrik C. Knipscheer, Lowell D. Hill, and Bruce L. Dixon. Am. J. Agr. Econ.
- Opportunities for New Investment in Country Elevator Facilities. P.W. Lyle and Lowell D. Hill. Illinois Agricultural Economics. July 1973.
- Journal of Agribusiness, "Biotechnology: Opportunities and Adjustments, "W.J. Florkowski and Lowell D. Hill, February 1987.
- Commentary: Social and Economic Consequences of Four Systems of Biological Nitrogen Fixation in Cereals, Harold F. Breimyer and Lowell D. Hill, in <a href="Manuellowell-American Journal of Alternative Agriculture">Agriculture</a>, Winter 1987, Volume II, Number 1, pp. 41-43.
- Agrarwirtschaft, W.J. Florkowski, Biotechnology, pages 309-317.
- Potential Biotechnology Impact on Regional Agricultural Land Allocation, Wojciech J.Florkowski, Lowell D. HIll, and Joseph C. Purcell. FS 88-51.
- The Impact of Agricultural Policy Changes on Food Production in Poland." Wojciech J. Florkowski, Lowell D. Hill, and Marian Zareba. Comparative Economic Studies, William Moskoff, ed., Vol. XXX, No. 3, Fall 1988. Publish- The Association for Comparative Economic Studies.
- Economic Determinants of the Farm/Elevator Trends on the Volume of Corn Artificially Dried.
- \* 19. The National Corn Research Priorities Study 1982. Research Report 86 and 55 page supplement. Dept. of Crop Science for the National Corn Research Coordination Committee, and National Soybean Research Needs 1977.
- 20. Grain Drying/Storage Facilities/Marketing Patterns in Illinois and Iowa.
  - Economic Consequences of Biotechnology for Corn.
- 21. Southern Cooperative Series Bulletin 261. <u>Mathematical Specifications and an LP Matrix Generator for Grain Marketing Models.</u> E. Dean Baldwin, Ralph Hennen and L.D. Hill. March 1983.
- 22. Illinois Legislative Council File 9-1978. <u>Grain Elevator Bankruptcies In The U.S. 1974</u> <u>Through 1979</u>. Carr, Jackson, Logsdon and Miller. March 1981.
- 24. **(FILE DOES NOT EXIST)** Development of New Crops: Needs, Procedures, Strategies, and Options. Council for Agricultural Science and Technology. Report No. 102. October 1984.

25. Grain Elevator Insolvencies and Bankruptcies in Eight North Central States 1974-1982. Richard P. Casey, Dennis M. Conley and John W. Ahlen. Illinois Legislative Council, Springfield, IL, Memorandum File 9-391. March 1984.

- \* 27. <u>AE-4605</u> -- Expected Commercial Application of Biotechnology in Crop Production -- Results of the Survey. W. Florkowski and L.D. Hill, December 1985, 47 pages.
- 28. Economic Consequences of Biotechnology for Corn. w. Florkowski and L.D. Hill. Paper.
- 29. The Input Allocation Among Private, Sate and Cooperative Sectors of Polish Agriculture. W. Florkowski, L.D. Hill, and Julia B. Brophy. North Central Journal of Economics, Vol. 8, No. 1, January 1986.
- \* 30. <u>AE-4608</u> Economic and Social Consequences of Biological Nitrogen Fixation in Corn Production. Lowell D. Hill, Jerry Stockdale, Harold Breimyer, Gerald Klonglan, November 1986.
- 31. Executive Summary of **AE-4608** -- BNF paper (Summary of VIII-30) November 1986.
- 32. Science of Food and Agriculture, "Crops for the Future, "Vol. 5, No. 2, March 1987.
- 33. Illinois County Maps. (Various maps for Illinois counties)
- 35. Economic Impacts of Commercial Applications of Biotechnology in Field-Crop Production Wojciech J. Florkowski and Lowell D. Hill. Bulletin 799 - June 1990. pp. 17.
- \* 36. The Impact of Economic Growth and Policy Intervention Upon Import Demand for Soybeans in Taiwan, Boaz Berstien and Lowell D. Hill, **Bulletin 802**, October 1990. pp. 20. (\$4)
- \* 37. Illinois Research Agricultural Experiment Station, Spring/Summer 1991. Biotechnology. College of Ag., U. of I. at UC. Vol. 33. Numbers ½
- 38. Soybean Research at the University of Illinois, Richard Bogren,
- \* 39. Staff Paper Series E, Agricultural Economics, No. 94E 486, "Organizing an Interdisciplinary Research Program," 5 pages, Speech given at the AES Special Research Initiatives Retreat, won 22 at Starved Rock Lodge, Utica, Illinois, Lowell D. Hill, November 1994.
- \* 40. "Fulfilling the Soybeans Promise in Egypt."

## <u>Box 4</u>:

- 41. Developing the Regulatory Environment for Competitive Agricultural Markets. L.D. Hill, Karen L. Bender. World Bank Technical Paper, No. 266. August 1995.
- 42. Surveillance of Agricultural Prices and Trade (A Handbook for Colombia). Alberto Valdes, Barry Schaeffer, Lia Guterman. World Bank Technical Paper, No. 268. August 1995.
- \* 43. Williams, Sheldon, Lowell D. Hill. "A Marketing Plan and Cost Analysis for Soybean Foods Produced by Extrusion/Expelling. **AE-4712**. March 1996

\* 44. Hill, Lowell D., Hayri O'nal, Duane Erickson, Sheldon Williams, Karen Bender, Ibrahim Youssef, Mansour Mahomoud, Raoul Nasr. "An Economic Analysis of Soybean Production and marketing for Soybean-Based Food Products in Egypt. **AE-4711**, March 1996.

45. U.S. and Canada FTA: Implications for U. S. Regional Red Meat and Grain Markets. OARDC Special circular 146. Southern Cooperatives Service Bulletin 382.

## VIII. GRAIN QUALITY--SOYBEAN PROCESSING, CORN WET AND DRY MILLING

- \* 1. Breakage Susceptibility of Common Corn-Belt Genotypes. M. R. Paulsen, L. D. Hill, D. G. White, G. F. Sprague. <u>Paper No. 82-3056</u>, American Society of Agricultural Engineers. June 1982
- 2. Corn Breakage Susceptibility as a Function of Moisture Content. M. R. Paulsen. Paper No. 83-3078, American Society of Agricultural Engineers. June 16-29, 1983.
- 3. Breakage Resistance of Corn as a function of Drying Rates. S. Gunasekaran and M. Paulsen. Nov. 1985
- \* 4. Journal of Agricultural Engineering Research, "Corn Quality Factors Affecting Dry Milling Performance." M. Paulsen and L.D. Hill, 1985.
- 5. Varietal Harvest Moisture and Drying Air Temperature Effects on Quality Factors
  Affecting Corn Wet Milling. C. Weller, M. Paulsen, and M. Steinberg. July 1987.
  Paper Presented in ASAE Meeting. Paper #87-6046.
- \* 6. **AE-4627**--" The Growth of the Full Fat Soybean Industry in the Economy: Quality, Policy and Price Issues." M. Soule, L.D. Hill, and D. Erickson, November 1987
- 7/8. "Correlation of Starch Recovery with Assorted Quality Factors of Four Corn Hybrids,"
  Curtis L. Weller, Marvin R. Paulsen, and Marvin R. Steinberg, in <u>Cereal</u>
  <u>Chemistry</u>, Volume 65, Number 5, published by American Association of Cereal
  Chemists, Inc., 1988
- 9. "Dry Milling of U.S. Hard-Endosperm Corn in Japan: Product Yield and Corn Properties," J. B. Litchfield and G. C. Shove, Ag. Eng., College of Ag., University of Illinois Urbana-Champaign. September 1990.
- \* 10. "Economic Evaluation of Quality Characteristics in the Dry Milling of Corn," L.D. Hill, K. Bender, M. Patterson, M. Paulsen, A. Bouzaher, A. Kirleis. **Bulletin 804**, November 1991.(**\$6**)
- \* 11. Paulsen, M. R., S. R. Hofing, L. D. Hill, and S. R. Eckhoff. "Corn Quality Characteristics for Japan Markets." Paper presented at the 1995 ASAE Annual International Meeting, June 18-23, Chicago, IL. <u>ASAE paper No. 95-6139</u>, St. Joseph, MI.
- \* 12. "Component Pricing in the Soybean Industry," edited by Lowell D. Hill. **AE-4702**, January 1994. **\$5**
- \* 13. **AE-4709.** "Soybean Quality in Illinois," Lowell Hill, Karen Bender, Stacy Crawford, Dennis Zeedyk.

\* 14. Quality Choices in International Soybean Markets. Lowell Hill, Karen Bender, Glen Bode, Kyle Beachy, and Jennifer Dueringer. Agribusiness, Vol. 12, No. 3, 231-246 (1996) May/June.

- \* 15. **AE-4717**. Improving U.S. Soybean Quality for Korean Tofu Processors. L.D. Hill, Mae Siffin. October 1996.
- \* 16. "Economic Evaluation of Air Dried Corn," L.D. Hill, K. Karen Bender, Steven Eckhoff, Marvin Paulsen, Kelly Snyder. **AE-4698.** February 1993.

# IX. QUALITY CHANGES DURING SHIPMENT

- \* 1. <u>AE-4399</u>--Grain Quality Losses Between Origin and Destination of Export Grain--A Case Study. Lowell D. Hill, Marvin R. Paulsen, Bruce L. Brooks. Statistical Supplement for **AE-4399**, February 1976
- \* 2. <u>AE-4403</u>--Corn Breakage as Affected by Handling During Shipment. L. D. Hill, Marvin R. Paulsen, Daniel Hiller, April 1976
- \* 3. Grain Shipments to World Markets. R. C. Brook, F. W. Bakker--Arkema, L. D. Hill, June 1976
- \* 4. Grain Quality Losses During Overseas Shipment. Lowell D. Hill and Marvin R. Paulsen, October 1976
- \* 5. Changes in Quality of Grain During Overseas Shipment. L. D. Hill and Marvin R. Paulsen, March 1977
- \* 6. How Good (Or Bad) Is Our Export corn? L. D. Hill. September 1977
- \* 7. Corn Breakage in Overseas Shipments--Two Case Studies. Marvin R. Paulsen, Lowell D. Hill, 1977
- \* 9. Farm Economics, Facts and Opinions. Steve Birmingham and Lowell D. Hill. April 1978
- 12. SP-58--Order form and Brochure
- \* 13. <u>SP-58</u>--Corn Quality Changes During Export. Lowell D. Hill, Marvin R. Paulsen, Margaret Early, September 1979
- \* 14. Breakage Susceptibility of Exported Corn at Origin and Destination. M. R. Paulsen and L. D. Hill, December 1980
- \* 15. <u>AE-4518</u>--Changes in the Quality of Corn and Soybeans Between Ports in the United States and England. L. D. Hill, M. R. Paulsen, T. L. Mounts, A. J. Heakin, G. R. List. (Preliminary draft), October 1981.
- \* 16. Special Publication 63. Changes in Quality of Corn and Soybeans Between United States and England. L. D. Hill, M. R. Paulsen, T. L. Mounts, A. J. Heakin and G. R. List, December 1981.
- \* 17. Damage During Handling of Shelled Corn and Soybeans. Glenn E. Hall, September 1983
- \* 18. **AE-4609**--Changes in Quality of Corn Between U.S. and Japan. L. D. Hill, Marvin

- Paulsen, Gene Shove, Terrence Kuhn, December 1985
- \* 19. Temperature of Corn During Ocean Vessel Transport. M. R. Paulsen, L. D. Hill, G.. C. Shove, American Society of Ag. Engineers, Paper #863009, 18 pages, June 1986
- \* 20. "Corn Breakage in Overseas Shipments to Japan." M. R. Paulsen, L. D. Hill, G. C. Shove, and T. J. Kuhn. American Society of Ag. Engineers, Paper #87-6044, June 1987, 25 pages.
- 21. "Corn Quality Changes During Export From the U.S. to Japan." L. D. Hill, M. R. Paulsen, T. J. Kuhn, B. J. Jacobsen, and R. A. Weinzierl. **AE-4636**, January 1988, 44 pages
- \* 22. "Changes in Corn Quality, During Export from New Orleans to Japan." **Bulletin 788B**, Summary Version. Lowell D. Hill and Marvin R. Paulsen. June 1990. pp. 20. (\$5)
- \*23. "Changes in Corn Quality, During Export from New Orleans to Japan." **Bulletin 788A**, Lowell D. Hill, Marvin R. Paulsen, Barry J. Jacobsen, Richard A. Weinzierl. December 1990. pp. 60. (**\$6**)
- \* 24. **AE-4715.** Changes in Quality of U.S. Soybeans Between Origin and Destination. S. Essinger, A. Bekric, K. Bender, L.D. Hill. October 1996.

# X. GRAIN QUALITY, GRADES AND STANDARDS

- 1. Corn Kernel Damage (Illustrated brochure)
  - None- Oak Kernel Damage (Illustrated brochure)
  - **-None-** Grain Sorghum Kernel Damage (Illustrated brochure)
  - Wheat Grading Factor (Illustrated brochure)
- 2. Soybean Kernel Damage (Illustrated brochure)
- \* 3. Corn Leaf Blight Information Series--No. 6 L. F. Stice and L. D. Hill--September 23, 1970
- \* 4. Is Test Weight a Good Measure of Corn quality? Glenn E. Hall and Lowell D. Hill-Summer 1971
- \* 5. <u>AE-4268</u>--Changes in Test Weight of Corn During Drying. G. E. Hall and L. D. Hill--January 1971
- \* 6. <u>AE-4300</u>--Adjusting the Test Weight of High Moisture Corn. L. D. Hill and G. E. Hall--September 1972
- \* 7. Propionic-Acetic Acid for High-Moisture Corn Preservation. G. E. Hall, L. D. Hill, E. e. Hatfield, A. H. Jensen--June 1973
- \* 8. <u>AAER-124</u>--Test Weight as a Grading Factor for Shelled Corn. Glenn Hall and Lowell Hill--September 1973

\* 9. Test Weight Adjustment Based on Moisture Content and Mechanical Damage of Corn Kernels. Glenn E. Hall, Lowell D. Hill--1974

- \* 10. <u>AE-4439</u>--Grade Factor Variation When Sampling Grain in Trucks. Steve C. Birmingham, Lowell D. Hill, Dennis M. Conley
- 12. Corn Quality as Influenced by Harvest and Drying Conditions. A. J. Peplinski, O. L. Brekke, E. L. Griffin, G. Hall and L. D. Hill.
- \* 13. <u>AE-4372</u>--Test Weight As An Indication of Corn Quality. Lowell D. Hill and Terry D. Roush. April 1975
- \* 14. Grades and Grade Requirements for Corn. L. D. Hill. September 1975.
- \* 15. Historical Review of the U.S. Grades and Standards for Grain. Kathryn Hoffman and Lowell D. Hill. January 1976
- \* 16. 76-9/ A Study of Sampling Variability in Grain Grading. Steve Bermingham and Lowell D. Hill. October 4, 1976
- \* 17. <u>AE-4407</u>--Sampling and Measurement Problems in Grain Grading. Lowell D. Hill, Steve C. Bermingham and Randall Semper.
- \* 18. The role of Grades and Standards in Identifying Nutritive Value of Grains. Lowell D. Hill and A. H. Jensen. 1976
- \*19. Potential Role of Sampling Variation in the Measurement of Corn Grading Factors. T. E. Elam and L. D. Hill. January 1977
- \* 20. <u>AERR-151</u>--The Attitudes of Farmers and Country Elevator Managers Toward Present and Proposed Grain Standards. Phillip Pepper, Lowell D. Hill--June 1977
- \* 21. <u>AE-4459</u>--A Fair Average Quality for Grain Exports. Steve Birmingham and Lowell D. Hill. June 1978
- \* 22. <u>AE-4468</u>--Conference Proceedings--Foreign Markets for Midwest Agriculture: Problems, Policies and Procedures. L. D. Hill, Editor. March 1979
- \* 23. <u>AE-4521</u>--Redefining the Grade Factor of Broken Corn and Foreign Material. L. D. Hill, Mack N. Leath, Odette L. Shotwell, Donald G. White, Marvin R. Paulsen, Philip Garcia.
- \* 25. Price and Value Relationships Explained for High Moisture Grain. L. D. Hill. Reprinted from Feed Stuffs 54 (37-42):1, 1982 (September 6 October 11) SEE ALSO VIII-B-17
- \* 26. <u>Bulletin 776</u>. Alternative Definitions for the Grade Factor of Broken Corn and Foreign Material. L. D. Hill, Mack N. Leath, Odette Shotwell, Donald G. White, Marvin R. Paulsen, Philip Garcia. October 1982
- \* 27. <u>AE-4555</u>--Farmer's Attitudes Toward Changing Grade Standards for Corn. L. D. Hill and Clint Rehtmeyer.
- \* 28. Evaluation of the Issues in Grain Grades and Optimum Moisture. December 1982. SEE

# ALSO VI-18 (AE 4548)

\* 29. Opportunities for Illinois to Enter the Markets for High Quality Corn. L. D. Hill. Presented at Illinois Legislator's Workshop, January 1984.

- 30. AE-4454--Proceedings 1977 Corn Quality Conference. February 1978
- 31. Quality attributes of Argentine Maize. M. R. Paulsen and L. D. Hill. Presented at 1984 Summer Meeting, ASAE, University of Tennessee, Knoxville, June 24-27, 1984
- \* 34. Principles for Use in Evaluating Present and Future Grain Grades. Hill, Lowell, D., <u>Staff</u> <u>Paper No. 85 E-329</u>, September 1985, 6 pp
- \* 35. Quality Attributes of Argentine Corn. M. R. Paulsen and L. D. Hill. Reprinted from 1985 Transactions of the ASAE, Vol. 1, No. 1, pp 42-46, July 1
- \* 37. Commitment to Quality. A Consensus Report of the Grain Quality Workshops. June, 1986.
- \* 38. Regulation and Economic Incentives for Improving Grain Quality. L. D. Hill, Karen Bender and Jeanne Bailey, <u>Staff Paper 86 E-357</u>, July 1986. 14 pages.
- \* 39. Statement of Lowell D. Hill...Before the Subcommittees on: Wheat, Soybeans, and Feed Grains and Department Operations, Research and Foreign Agriculture, U.S. House of Rep. Comm. on Ag. Related to Grain Standards, July 21, 1986.
- \* 40. Comment on Removing Test Weight as a Grade Determining Factor in U.S. Soybean Standards. Lowell D. Hill

### Box 5:

- \* 42. "Maize Production and Marketing in Argentina, "L. D. Hill and M. R. Paulsen, **Bulletin 785**, July 1987, 39 pages. **\$6.00 charge per copy**.
- \* 43. Grain quality: The Challenge and the Choices, L. D. Hill, <u>Staff Paper No. 87 E-397</u>, , September 1987, 23 pages.
- \* 45. <u>AERR--201</u>--"Production Response of Illinois Farmers to Premiums for Low-Temperature Dried Corn," L. D. Hill, Julia P. Brophy, Wojciech J. Florkowski, August 1987, 21 pages. **Same as VII-23**
- \* 46. "Grain quality as a Competitive tool in International Markets," L. D. Hill, in <u>Update International Agriculture</u> Vol. 3, No. 1, 1988, pages 7-10
- \* 47. <u>Meeting The Competition Series:</u> (\$1)
  - 1. Questions and Answers on Grain quality--L. D. Hill
  - 2. Low-Cost Corn Producers in the World Market--L. D. Hill
  - 3. Determinants of Exports--L. F. Unnevehr
  - 4. Managing Corn for Grain Quality--E. D. Nafziger
  - 5. Reducing Breakage and Fines in Soybeans--W. H. Peterson
  - 6. Reducing the Amount of Breakage and Fine Material in Shelled Corn--W. H. Peterson
  - 7. Understanding and Managing Stored-Grain Losses Caused by Fungi and Insects-R. A. Weinzerl

- 8. Complete Sets of "Let's Meet the Competition" Series
- 48. "Grain Grades: They Lack Economic Rationale," L. D. Hill, in <u>Choices</u>, American Agricultural Economics Association, Herndon, VA, First Quarter 1988, Vol. 3, No. 2, Page 38.
- 49. <u>Brochure</u> on "Maize Production and Marketing in Argentina," Publication, Equivalent Bushel Calculator, and Video "The Export quality Challenge," March 1988
- \* 50. "In Search of soybean quality," James B. Sinclair and Lowell D. Hill, In <u>Illinois</u>
  Research, Summer/Fall 1987, Volume 29, Numbers 2/3, May 1988, pages 10-12
- "Costs of Fines in the Export Market," Lowell D. Hill and Mack N. Leath, **Staff Paper No 89 #-424**, February 1989, 16 pages
- 54. "Grain Quality in International Trade, A Comparison of Major U.S. Competitors."

  Lowell D. Hill contributed to report published by the U.S. Congress, Office of Technology Assessment, Washington, D.C., February 1989
- 55. Enhancing the Quality of U.S. Grain for International Trade." Lowell D. Hill contributed to report published by the U.S. Congress, Office of Technology Assessment, Washington, D.C., February 1989
- 56. "Enhancing the quality of U.S. Grain for International Trade, <u>Summary</u>." Lowell D. Hill contributed to report published by the U.S. Congress, Office of Technology Assessment, Washington, D.C., February 1989
- \* 57. "Moisture Basis for Measuring Oil and Protein in Soybeans." L. D. Hill, M. R. Paulsen, D. C. Marriott., **Series E, No. 89 E-473**, May 1989
- \* 58. "Quality Preference of Soybean Processors." Karen L. Bender and Lowell D. Hill, **Staff Paper No. 89 E-430**, July 1989, 19 pages
- 59. "Farmer Attitudes toward Changing Grades for Corn and Soybeans." Susa Zhang, Lowell D. Hill and Julia Brophy, **AE-4651**, August 1989
- 60. Identity Preserved Grain Laboratory: Grain Service Testing Advertisement, October 1989.
- 62. "Farmers' Attitudes Toward Quality Factors in Corn and Soybeans." Daniel C. Marriott and Lowell D. Hill. **Staff Paper No. 89 E-450**, April 1990.
- 63. Economic Effects of Standardizing Wheat Protein Reporting. Linwood A. Hoffman, Joy L. Harwood, and Mack N. Leath. Commodity Economic Division, Economics Research Service, U.S. Department of Agriculture, ERS Staff Report No. AGES 880826, 1988.
- \* 65. A Comparison of Grain Grades Among Countries; Karen Bender, Lowell Hill, Constanza Valdes, **AE-4685**; Dept. of Ag. Econ., Ag. Exp. Station, College of Ag., University of Illinois at Urbana-Champaign; July 1992. **No charge.**
- \* 66. Quality Preferences of Corn and Soybean Processors in Western Europe and Japan, Lowell D. Hill, Karen L. Bender, Kandeh Yumkella, Shailendra K. Pradhan, Kenji Horiguchi, **Bulletin 801**, University of Illinois at Urbana-Champaign,

- College of Ag. Experiment Station, October, 1990. pp. 28. (\$4)
- 66A. Quality Preferences of Soybean Processors. Karn L. Bender, Lowell D. Hill. No. 89 E-430, July 1989.
- \*67. Impact of Separating the Factor of BCFM in Corn Grades: Export Elevators, Lowell D. Hill, Karen L. Bender, Jeff P. Austman, K.Doug Miller, Charis L. Washington, **AE-4670-1**; Dept of Ag. Econ., Ag. Exp. Station, College of Ag., University of Illinois at Urbana-Champaign; February 1991; pp. 9.
- 68. Impact of Separating The Factor of BCFM in Corn Grades: Farmers' Preferences; Lowell D. Hill, Susa Zhang, Karen Bender; **AE-4670-2**; Dept. of Ag. Econ., Ag. Exp. Station, College of Ag.; University of Illinois at Urbana-Champaign, March 1991.
- 69. Impact of Separating the Factor of BCFM in Corn Grades: Market for Corn Screenings; Lowell Hill, Marvin Paulsen, Karen Bender, Daniel Marriott, David Timmermann and Tony Kile; Dept. of Ag. Econ., Ag. Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign **AE-4670-3**, May 1991.
- \* 70. Impact of Separating the Factor of BCFM in Corn Grades: Interior Elevator Survey; Lowell Hill, Karen Bender, Mike Christy, Kevin Maas, and Brian Andrson. **AE-4670-4** Department of Agricultural Economics, Ag. Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign. June 1991. 21 pages.
- 71. Alfatoxin In Corn--New Perspectives, Agriculture and Home Economics Experiment Station, Iowa State University, Ames, Iowa, **Research Bulletin 599**. North Central Region Research **Publications No. 329**. June 1991, 405 pages.
- \* 72. "Let's Meet The Competition," Larry Thurow, Lowell Hill, **AE-4684**, December 1991. (Supplemental material for the video) (\$5)
- \* 73. "Farmers Attitudes Toward Technological Changes Affecting Grain Handling and Quality," L. D. Hill, Julia P. Brophy, Susa Zhang, Wojciech J. Florkowski. **Bulletin 805**, Ag. Exp. Station, College of Agric., U of I, November 1991. (\$5)
- 74. **Illinois Research, Focus on Corn**, "Which Kernel Will Survive the Journey to Japan?" Spring/Summer 1992, Vol. 34, Nos. 1 & 2, University of Illinois Agricultural Experiment Station.
- \* 75. Evaluating the Aggregate Economic Impacts of Separating BC and FM; Lowell Hill and Karen Bender. **AE-4670-5**, Department of Agricultural Economics, Ag. Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign. August 1992.
- \* 76. "U.S. Competitiveness in International Grain Trade." L. D. Hill, Guillermo Bort, Karen Bender. **Series E, No. 92-E-478,** August 1992.
- 77. "Costs and Benefits of Redefining the Grade Factor-Broken Corn and Foreign Material." **Executive Summary**, Lowell D. Hill, Charles R. Hurburgh, Jr., Karen L. Bender, Bruce L. Meinders. **AE-4692.** August 1992. **No charge.**
- \* 78. "Grain Quality Grading and Classification," L.D. Hill. "Cereal Foods World" June 1991; pp. 491-496.

- 79. Move to VII 16
- \* 80. "Fine Material in Grain," Ohio Agric. Research and Development Center. North Central Region Research Publication No. 332. Sept. 1992. OARDC Special Circular 141. (\$5.00)
- \* 81. "Cleaner Grain for U.S. Export Markets," L.D. Hill, Karen L. Bender, Kimberly S. Weitekamp. **AE-4699.** March 1993.
- \* 83. "The Farmer's Stake in Grain Grades," L.D. Hill. Issue 93-12, September 1993.
- \* 86. "Costs and Benefits of Redefining the Grade Factor," Lowell D. Hill, Charles R. Hurburgh, Jr., Karen L. Bender, Bruce L Meinders. December 1994.
- \*86.1 "Costs and Benefits of Redefining the Grade Factor-Broken Corn and Foreign Material." Executive Summary, Lowell D. Hill, Charlds R. Hurburgh, Jr., Karen L.Bender, Bruce L. Meinders. AE-4692. August 1992.
- \* 87. **Quality of U. S. Agricultural Products**. CAST Report, Summary and Conclusion. Lowell D. Hill, editor. January 1996.
- 88. NC-151 Annual Research Reports.
- 89. "Costs and Benefits of Cleaning U.S. Soybeans: Overview and Implications." William Lin. USDA, ERS. ERS Ag Econ Report #736.
- 90. <u>Illinois Research</u>, College of Agriculture, University of Illinois at Urbana-Champaign. Volume 31, Numbers ½
- 91. Adjusting for Moisture" Excerpts from Proceedings of an Equivalent Bushel Workshop. **AE-4720.** January 1997.
- 92. Grain Grading Wall Charts.

# Box 6:

### **UNCATEGORIZED PUBLICATIONS**

- \* Strategies for Marketing Agricultural Products. Pages 4-6, Lowell D. Hill, Spring/Summer 1989
- \* Lowell Hill. "The Dilemma of Economics and Energy in World Food Production." (October 1977) Fourth Annual UMR-DNR Conference on Energy. Extended Abstracts. P. 114-116.
- \* Hill, Lowell D. "Economic Incentives for Improving Quality of Maize," <u>Non Food Uses of Cereals. Proceedings of the ICC International Symposium</u>, Budapest, October 28-30, 1993.
- \* Agricultural Market Planning in Resource Development. Lowell D. Hill. December 1965.
- \* Hill, Lowell D. (ed.) Corn Quality in World Markets. Danville, IL: Interstate Printers and Publishers, 1975.

\* Hill, Lowell D., ed., proceedings of "Uniformity By The Year 2000: An International Workshop on Maize and Soybean Quality". Department of Agricultural Economics, College of Agriculture, University of Illinois, Urbana-Champaign, IL, Shearer Publications, Urbana, IL. 1991. 449 pages.

- \* Hill, Lowell D. (ed.) Role of Government in a Market Economy. Ames, IA: Iowa State University Press, 1982.
- \* Hill, Lowell D. "Economic Incentives for Engineering Design of Grain Storage Facilities". <u>International Symposium on Agricultural Engineering</u>, Pretoria, 20-24 January 1986.
- \* Hill, Lowell D. "Economic Interpretation of statistical Tests of Similarities Between Two Sets of Data" <u>Canadian Journal of Agricultural Economics</u>, v. 19, n. 1 (July 1971) 138-145.
- \* Hill, Lowell D. "Use of Weighted Regression in Estimating Models of Binary Choice," <u>Canadian Journal of Agricultural Economics</u>, v. 18 n. 3 (November 1970) 64-72.
- \* Hill, Lowell D. "Emerging Grain Marketing Patterns." <u>Journal of the American Society of Farm Managers and Rural Appraisers</u>. V. 34 n. 2 (October 1970) 9-13.

### LAWRENCE J. NORTON PROFESSORSHIP HISTORICAL FILE

Lowell Hill Transfer List, March 2009

Administrative Documents

Aurene Norton Living Trust, 1964; supplement adding farm to the trust, 1965; excerpts from F. J. Reiss' re Norton trust, Board of Trustees approval, 1977,

Norton Chair News Releases and Publicity, 1977

### Box 7:

Letters of Congratulations on Hill's appointment, 1977

Norton Professorship, Descriptions of Programs, 1977-98

Includes sequential development, formal presentations describing activities, budgets, description and publicity on individual programs.

Norton Lecture Series

Planning and Promotion

Program Brochures and Posters

(See also oversize posters in OS 29)

## Lecturers

Harold Breimyer, 11/29/1977

Michael Cook, 8/5/1999

Peter R. Day, 4/12/1984

Norman Borlaug, 7/12/1984

John Kenneth Galbraith, 10/25/1979

Bruce Gardner, 11/30/1981

Zvi Griliches, 10/20/1983

Neil Harl, 2/26/1985

D. Gale Johnson, 9/25/1980

Bruce Marion, 11/28/1979

Willard F. Mueller, 4/17/1980

Vernon Ruttan, 9/20/1984

Theodore W. Schultz, 9/25/1980

Luther Tweeten, 11/15/1984

Refusals

Milton Friedman, 1977, 1979

James Risser, 1990

Role of Government in a Market Economy, Lowell D. Hill edition of Norton Lectures, 1982 Book reviews of Role of Government in a Market Economy, 1982, 1984, 1986

**Extended Seminars** 

Prof. Dr. Jerzy Dietl, 1979-81

Glenn Johnson, 1980-81

George W. Ladd, 1982

Larry Martin, 1979-80

James Parker, 1984-85

Guenther Schmitt, 1986

James D. Shaffer, 1979

"Friends of Norton," 1989

Includes announcements on each presenter for informal discussions at Bevier Hall.

Co-sponsored lectures/Funk Awards Lectures, 1981-82, 1986

### Box 8:

Grain Quality Series DVD transfers of videos: Grain Quality: The American Commitment; Soybean Quality: The American Commitment; The Export Quality Challenge; and Let's Meet the Competition

1995 Video Production and Reunion

DVD of Source Material for Video Production

5 DVDS: Source Material for 1995 Production, Norton Remembered 1995,

Norton Lecture 1999, Norton Remembrances, 1999

Planning and promotional material:

Letter from S. T. Rice (an early candidate for the Chair), letters of invitation to interview for video.

Interviews and final script

Mailing list for the August 5, 1995 showing of video and sources of contacts

Response Letters Following the Showing.

Correspondence and Recollections from Ruby Aylett, Norton Student

Display Materials Used in the Premier Showing

Norton Biographical

Professional Recognition

Personal History

Aurene Norton Personal History

Norton Critique of Government Policies, Newspaper Articles

Prices and Outlook, Norton Research and Pronouncements

Norton Farm at Cissna Park

Mortgage, addition of the farm to the trust endowment, aerial photos of farm, and photos of Norton and visitors at the farm.

Photos used in 1995 program

Norton-related Photos Not Otherwise Identified

#### 1999 Reunion

Program Notes and Brochure.

Responses from Friends of Norton.

Appreciation Letters from Program Attendees Ken Ackers, Joe Mutti, Hank Hannah Includes Hannah's "Smells of the Country"

Larry Norton Biographical

Genealogy records

Larry, Parents, Grandparents. Photos of his boyhood home in NY

L. J. Norton's death

Slides showing the grave sites in Mount Hope Cemetery; news reports of death; Memorial Fund announcement.

Biography, Bio sheets, Memorial Fund Announcement

L. Norton and the Production Credit Association (PCA)

Correspondence, news notes, PCA records, Histories of PCA in Champaign Co. Farm at Cissna Park

Mortgage, deed, and abstract. Legal description, \$29,600 mortgage; correspondence re sale of the farm following Lowell Hill's retirement; correspondence with George and Gladys Winger (Norton's tenants); aerial photo of the farmstead and negative; photos of Aurene, Larry, farmstead, Larry in the field with his tenant(?) and an Asian student, and Aurene with George and Gladys Winger at the farm; letter from the farm manager (1985) with plat map and cropping plans; Hill's notes describing conversation with Wingers and Eisenmann: location of farm

Norton Photos

Photo (11 x 13) of Norton Farm, ca. 1945, Oversize, see OS29

International Travel, 1947, 1950

Aurene Norton Biographical

Genealogy

Correspondence with Elaine Burton (niece) before and after 1995

Elaine Burton filled in gaps in biographical information on Aurene

News articles on his travels and policy statements

**Publications** 

List of Norton Publications held in the University Archives

Norton Publications List with Library Call Numbers

Unpublished articles, lecture notes, preliminary reports, memos

**NOTE:** copies of L. J. Norton unpublished speeches, articles, publications, and course materials were removed and placed in Lawrence J. Norton Papers (RS 8/4/30)