

**Career Publications List for Danny H. Rogers**  
**Dec 31, 2013**

**Refereed Journal Articles**

L. Liu, N. Klocke, S. Yan, D. Rogers, A. Schlegel, F. Lamm, and D. Wang. 2013. **Impact of Deficit Irrigation on Maize Physical and Chemical Properties and Ethanol Yield**. Cereal Chemistry 90(5): 453-462.

L. Liu, A. Maier, N. Klocke, S. Yan, D. Rogers, T. Tesso, and D. Wang. 2013. **Impact of Deficit Irrigation on Sorghum Physical and Chemical Properties and Ethanol Yield**. Transaction of the ASABE 56(4):1541-1549.

Olson, B.L.S. and D.H. Rogers. 2008. **Comparing Drag Hoses Verses Sprinklers on Corn Irrigated by Center Pivot**. Appl. Engr in Agric. Vol. 24(1): 41-45.

E. Dogan, G.A. Clark, D.H. Rogers, V.L. Martin and R.L. Vanderlip. 2006. **On-Farm Scheduling Studies and CERES-Maize Simulation of Irrigated Corn**. Appl. Engr in Agric. Vol. 22(4): 509-516.

Clark, G.A., E. Dogan, D.H. Rogers, and V.L. Martin. 2006. **Evaluation of Irrigage collectors to measure irrigation depths from low pressure sprinklers**. Appl. Engr in Agric. Vol. 22(1): 63-72.

Clark, G.A., F.R. Lamm, and D.H. Rogers. 2005. **Sensitivity of thin-walled drip tape emitter discharge to water temperature**. Appl. Engr in Agric. 21(5):855-863.

Clark, G.A., D.H. Rogers, E. Dogan, and R. Krueger. 2004. **The Irrigage: A Non-Evaporating In-Field Precipitation Gage**. Applied Engineering in Agriculture. Vol. 20(4): 463-466.

Clark, G.A., K. Srinivas, D.H. Rogers, and V.L.Martin. 2003. **Measured and Simulated Uniformity of Low Drift Nozzle Sprinklers**. American Society of Agricultural Engineers, Transactions of the ASAE, Vol. 46(2): 321-330.

Alam, A., T.P. Trooien, T.R. Dumler, and D.H. Rogers. 2002. **Using Subsurface Drip Irrigation for Alfalfa**. Journal of the American Water Resources Association. Vol. 38(6):1715-1719.

O'Brien, D.M., F.R. Lamm, L.R. Stone, and D.H. Rogers. 2001. **Corn Yields and Profitability for Low-Capacity Irrigation Systems**. Applied Engineering in Agriculture. Vol. 17(3): 315-321.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A.J. Schlegel. 2000. **Subsurface Drip Irrigation Using Livestock Wastewater: Dripline Flow Rates**. Applied Engineering in Agriculture. Vol. 16(5): 505-508.

O'Brien, D.M., D.H. Rogers, F.R. Lamm, and G.A. Clark. 1998. **An Economic comparison of Subsurface Drip and Center Pivot Sprinkler Irrigation Systems**. Applied Engineering in Agriculture. July 1998. Vol. 14(4): 391-398.

Khan, A.H., L.R. Stone, O.H. Buller, A.J. Schlegel, M.C. Knapp, J.I. Perng, H.L. Manges, and D.H. Rogers. 1996. **Educational Software for Illustration of Drainage, Evapotranspiration, and Crop Yield**. J. Nat. Resource. Life Sci. Edu. Vol. 25 (2): 170-174.

Lamm, F.R., H.L. Manges, L.R. Stone, A.H. Khan, and D.H. Rogers. 1995. **Water Requirement of Subsurface Drip-Irrigated Corn in Northwest Kansas**. American Society of Agricultural Engineers, Transactions of the ASAE, Vol. 38(2): 441-448.

Rogers, D.H. and F.R. Lamm. 1994. **Soil Water Survey after Corn Harvest in Northwest Kansas**. Applied Engineering in Agriculture. Vol. 10(1): 37-40.

Lamm, F.R., M.E. Nelson, and D.H. Rogers. 1993. **Resource Allocation in Corn Production with Water Resource Constraints**. Applied Engineering in Agriculture, Vol. 9(4): 379-385.

Rogers, D.H. and R.L. Elliott. 1989. **Irrigation Scheduling Using Crop Growth Simulation, Risk Analysis and Weather Forecasts**. Transactions of the ASAE, Vol. 32(5): 1669-1677.

Lamm, F.R. and D.H. Rogers. 1985. **Soil Water Recharge Function as a Decision Tool for Preseason Irrigation**. Transactions of the ASAE Volume 28: 1521-1525.

Zovne, J.J. and D.H. Rogers. May 1978. **Impact of Rainfall Enhancement on Hydrology**. Journal of the Hydraulics Division, ASCE, Volume 104, No. HY5, Proc. Paper 13759, pp. 681-694.

### **Extension Journal**

Alam, M., T.P. Trooien, D.H. Rogers, and T.J. Dumler. 2002. **An Efficient Irrigation Technology for Alfalfa Growers**. Journal of Extension. 40(3): 9 pgs. Available at <http://www.joe.org/joe/2002june/rb5.html>

Rogers, D.H. and G.M. Powell. 1994. **Abandoned Well Plugging Demonstrates Environmental Concern**. Journal of Extension, Volume 32, Number 3.

### **Extension Bulletins**

Rogers, D.H., G.M. Powell, and K. Ebert. 2013. **Water Primer: Part 5 Water Law**. Kansas State Research and Extension. MF-3024. 8 pp.

Rogers, D.H., P.L. Barnes, G.M. Powell, and K. Ebert. 2013. **Water Primer: Part 6 Water Agencies in Kansas**. Kansas State Research and Extension. MF-3025. 4 pp.

Rogers, D.H., P.L. Barnes, G.M. Powell, and K. Ebert. 2013. **Water Primer: Part 7 Municipal Water Supply**. Kansas State Research and Extension. MF-3026. 4 pp.

Roozeboom, K., D. Ruiz Diaz, D. Jardine, C. Thompson, R.J. Whitworth, and D.H. Rogers. 2013. **Kansas Sorghum Management**. Kansas State Research and Extension. MF3046. 8 pp.

Rogers, D.H. 2012. Efficient Crop Water Use in Kansas, **Chapter 3: Evaluating Center Pivot Nozzle Package Performance**. Kansas State Research and Extension. MF-3066. pp. 8-17.

Rogers, D.H., G.M. Powell, and K. Ebert. March 2012. **Water Primer: Part 1, Overview**. Kansas State Research and Extension. Nine Part Series on Kansas Water MF-3020. 4pps.

Rogers, D.H., G.M. Powell, and K. Ebert. March 2012. **Water Primer: Part 2, The Hydrologic Cycle**. Kansas State Research and Extension. Nine Part Series on Kansas Water MF-3021. 4pps.

Rogers, D.H., G.M. Powell, and K. Ebert. 2012. **Water Primer: Part 3 Groundwater**. Kansas State Research and Extension. MF-3022. 8 pp.

Rogers, D.H., G.M. Powell, and K. Ebert. 2012. **Water Primer: Part 4 Surface Water**. Kansas State Research and Extension. MF-3023. 8 pp.

Rogers, D. H. and L. K. Shaw. 2011. **Quiz Master User's Guide**. Mobile Irrigation Lab Project. Kansas State University Research and Extension. Electronic Publication Only. 9 pp.

O'Brien, D.M., T.J. Dumler, and D.H. Rogers. 2011. **Irrigation Capital Requirements and Energy Costs**. Kansas State University Research and Extension. Farm Management Guide, MF-836 rev. 4 pp.

Alam, M., D.H. Rogers, and T.J. Dumler. March 2009. **Subsurface Drip Irrigation for Alfalfa**. Kansas State Research and Extension. Irrigation Management Series MF-2867.

Alam, M. and D.H. Rogers. March 2009. **Irrigation Management for Alfalfa**. Kansas State Research and Extension. Irrigation Management Series MF-2868.

Rogers, D.H., M. Alam, and L.K. Shaw. April 2009. **Kansas Center Pivot Survey**. Kansas State Research and Extension. Irrigation Management Series MF-2870.

Rogers, D. H., J. P. Schneekloth, and M. Alam. April 2009. **Irrigation Management Chapter of the High Plains Sunflower Production Handbook**. Kansas State Research and Extension. Bulletin MF-2384. pp.12-17.

Rogers, D.H. and M. Alam. March 2008. **KanSched2: An ET-based Irrigation Scheduling Tool**. Kansas State Research and Extension. Electronic Only Publication. EP-129 revised.

Powell, G.M. and D.H. Rogers. April 2008. **Dry Basements and Crawl Spaces**. Kansas State Research and Extension. MF-2809.

Rogers, D.H., M. Alam, and L.K. Shaw. 2008. **Accessing ET for Kansas Irrigation Scheduling**. Kansas State Research and Extension. Irrigation Management Series. MF-2850.

Rogers, D.H., M. Alam, and L.K. Shaw. 2008. **Sprinkler Package Effects on Runoff: General Guidelines**. Kansas State Research and Extension. Irrigation Management Series. L-903 rev.

Rogers, D.H., M. Alam, and L.K. Shaw. 2008. **Kansas Irrigation Trends**. Kansas State Research and Extension. Irrigation Management Series. MF-2849.

Rogers, D.H., M. Alam, and L.K. Shaw. 2008. **Considerations for Sprinkler Packages on Center Pivots**. Kansas State Research and Extension. Irrigation Management Series. L-908 rev.

Rogers, D. H. and M. Alam. 2007. **What is ET? An evapotranspiration primer.** Kansas State University Research and Extension. Irrigation Management Series, MF-2389 rev. 4 pp.

Rogers, D. H., M. Alam, and L.K. Shaw. 2007. **KanSched2 – An ET-based irrigation scheduling tool.** Kansas State University Research and Extension. Irrigation Management Series, MF-2550 rev. 2 pp.

Dumler, T.J., D.M. O'Brien and D.H. Rogers. 2007. **Irrigation Capital Requirements and Energy Costs.** Kansas State University Research and Extension. Farm Management Guide, MF-836 rev. 4 pp.

Rogers, D.H. and M. Alam. 2007. **KanSched2 – An ET-based irrigation scheduling tool users guide.** Kansas State University Research and Extension. Electronic Publication Only. EP- 129. 12 pp.

Rogers, D.H. 2007. **Irrigation. Chapter of Corn Production Handbook.** Kansas State University Research and Extension. C-560. pp. 30-36.

Dumler, T.J. and D.H. Rogers. 2006. **Irrigation Capital Requirements and Energy Costs.** K-State Research and Extension. October 2006. MF-836 rev.

Rogers, D.H., F.R. Lamm, T.P. Troien, and M. Alam. 2006. **Subsurface Drip Irrigation (SDI) with Livestock Wastewater.** K-State Research and Extension. MF-2727. May 2006.

Rogers, D.H., and M. Alam. 2006. **Evaluating Pumping Plant Efficiency.** K-State Research and Extension. L-885 revised.

Rogers, D.H., M. Alam. 2006. **Reading Pump and Engine Performance Curves.** K-State Research and Extension. L-886 revised.

Rogers, D.H., and M. Alam. 2006. **Comparing Irrigation Energy Costs.** K-State Research and Extension. MF-2360 revised.

Rogers, D.H., M. Alam, L.K. Shaw, and G.A. Clark. 2006. **IrriGage – A Useful Tool for Irrigation and Rainfall Water Measurement.** Mobile Irrigation Lab. MF-2552 revised.

Rogers, D.H., M. Alam, L.K. Shaw, and G.A. Clark. 2006. **FuelCost – An Irrigation Fuel Cost Evaluator.** Mobile Irrigation Lab. MF-2587 revised.

Powell, G.M., D.H. Rogers and J.M. Willingham. 2006. **Restoring a Flooded Well to Service** K-State Research and Extension. MF-2733.

Rogers, D.H., M. Alam, and J. Schnecloth. 2005. **Irrigation Chapter. High Plains Sunflower Production Handbook.** Kansas State University Research and Extension. MF-2384. pp 10 –15.

Dumler, T.J. and D.H. Rogers. 2004. **Irrigation Capital Requirements and Energy Costs.** K-State Research and Extension. MF-836 rev.

Powell, G.M. and D.H. Rogers. 2005. **Measuring the Depth to Water in Wells.** K-State Research and Extension. MF-2669.

Rogers, D.H., G.M. Powell, and J.M. Willingham. 2004. **Private Wells - Safe Location and Construction**. K-State Research and Extension. MF-970.

Lamm, F.R., D.H. Rogers, M. Alam, and G.A. Clark. 2003. **Management Considerations for Operating a Subsurface Drip Irrigation (SDI) System**. K-State Research & Extension. 2003. MF-2590.

Rogers, D.H., M. Alam, D.L. Fjell, G.A. Clark and B. Stratton. 2003. **Mobile Irrigation Lab. FuelCost - An Irrigation Fuel Cost Evaluator**. K-State Research and Extension. MF-2587.

Rogers, D.H. , F.R. Lamm, M. Alam, and G.M Powell. 2003. **Shock Chlorination Treatment for Irrigation Wells**. K-State Research & Extension. MF-2589.

Rogers, D.H., F.R. Lamm, and M. Alam. 2003. **Subsurface Drip Irrigation (SDI) Components: Minimum Requirements**. K-State Research & Extension. MF-2576.

Rogers, D.H., F.R. Lamm, and M. Alam. 2003. **Subsurface Drip Irrigation Systems (SDI) Water Quality Assessment Guidelines**. K-State Research & Extension. MF-2575.

Alam, A., T.P. Trooien, F.R. Lamm, and D.H. Rogers. 2003. **Filtration and Maintenance Considerations for subsurface Drip Irrigation (SDI) Systems**. K-State Research & Extension. MF-2361 Revised.

Lamm, F.R., D.H. Rogers, M. Alam, and G.A. Clark. 2003. **Design Considerations for Subsurface Drip Irrigation (SDI) Systems**. K-State Research & Extension. 2003. MF-2578.

Rogers, D.H. and M. Alam. 2002. **Comparing Irrigation Energy Costs**. K-State Research & Extension. MF-2360.

Rogers, D.H., D.L. Fjell, M. Alam, G.A. Clark, and B. Stratton. 2002. **KanSched - An ET-Based Irrigation Scheduling Tool**. K-State Research & Extension. MF-2550.

Rogers, D.H., M. Alam, D.L. Fjell, B. Stratton, and G.A. Clark. 2002. **IrriGage - A Useful Tool for Irrigation and Rainfall Water Measurement**. K-State Research & Extension. MF-2552.

Rogers, D.H., G.A. Clark, and M. Alam. 2002. **Water Measurement as a Management Tool**. K-State Research & Extension. L-878 Revised.

O'Brien, D.M., T.J. Dumler, and D.H. Rogers. 2002. **Irrigation Capital Requirements and Energy Costs**. K-State Research and Extension. MF-836 Revised.

Rogers, D.H., G.A. Clark, D.L. Fjell, B. Stratton, and M. Alam. 2002. **Mobile Irrigation Lab Flyer**. K-State Research & Extension. MF-2551.

Clark, G.A., D.H. Rogers, and S. Briggeman. 2002. **KanSched An ET-Based Irrigation Scheduling Tool for Kansas Summer Annual Crops**. Available in the MIL Tool Kit, Software User Guide. K-State Research & Extension.

Clark, G.A., D.H. Rogers, and S. Briggemen. 2002. **Fuel Cost, A Tool to Evaluate Irrigation Pumping Costs.** Available in the MIL Tool Kit, Software User Guide. K-State Research & Extension.

Alam, M. and D.H. Rogers. 2001. **Scheduling by Electrical Resistance Blocks.** K-State Research & Extension. L-901 Revised.

Rogers, D.H., G.A. Clark, D.L. Fjell, B. Stratton, and M. Alam. 2001. **IrriGages - A Useful Tool for Irrigation and Rainfall Water Measurement.** K-State Research & Extension. MF-2552.

Rogers, D.H., G.A. Clark, D.L. Fjell, B. Stratton, and M. Alam. 2001. **KanSched - An ET Based Irrigation Scheduling Tool.** K-State Research & Extension. MF-2550.

Rogers, D.H., G.A. Clark, D.L. Fjell, B. Stratton, and M. Alam. 2001. **Mobile Irrigation Lab (MIL) - A Project Overview.** MF-2551.

Rogers, D.H. 2000. **Consideration for Sprinkler Packages on Center Pivots.** K-State Research & Extension. L-908. Revised.

O'Brien, D.M., F.R. Lamm, L.R. Stone and D.H. Rogers. 2000. **Economics of Converting from Surface to Sprinkler Irrigation for Various Pumping Capacity.** K-State Research & Extension. MF-2471.

Alam, M., T.P. Trooien, F.R. Lamm, D.H. Rogers. 2000. **Filtration and Maintenance Considerations for SDI Systems.** K-State Research & Extension. MF-2361.

Rogers, D.H. and M. Alam. 2000. **Irrigation Formulas and Conversions.** K-State Research & Extension. MF-2402.

Rogers, D.H. 2000. **Predicting the Final Irrigation for Corn, Grain Sorghum and Soybeans.** K-State Research & Extension. MF-2174.

Rogers, D. and M.G. Powell. 2000. **Plugging Cisterns, Cesspools, Septic Tanks and other Holes.** K-State Research & Extension. MF-2246.

Rogers, D.H., Powell, G.M. and B.L. Dallemand. 2000. **Private Wells - Safe Location and Construction.** K-State Research & Extension. MF-970.

Rogers, D.H. 2000. **Sprinkler Package Effects on Runoff.** K-State Research & Extension. L-903.

Powell, G.M., J.M. Willingham, and D.H. Rogers. 1999. **Building Business Through Protected Wells.**

Rogers, D.H. and M. Alam. 1999. **Comparing Irrigation Energy Costs.** K-State Research & Extension. MF-2360.

Alam, M., T.P. Trooien, F.R. Lamm, and D.H. Rogers. 1999. **Filtration and Maintenance Considerations for Subsurface Drip Irrigation (SDI) Systems**. K-State Research & Extension. MF-2361.

Rogers, D.H., M. Alam. 1999. **Irrigation Formulas and Conversions**. K-State Research & Extension. MF-2404.

Powell, G.M., D.H. Rogers, and J.M. Willingham. 1999. **Private Well Maintenance and Protection**. K-State Research & Extension. MF-2396.

Powell, G.M., and D.H. Rogers. 1999. **Private Water Well Owner/Operator Manual**. MF-2409.

Rogers, D.H., G.M. Powell, and B.L. Dallemand. 1999. **Private Wells - Safe Location and Construction**. MF-970.

Rogers, D.H., and M. Alam. 1999. **Soil, Water and Plant Relationships**. K-State Research & Extension. L-904.

Rogers, D.H. and M. Alam. 1999. **Useful Conversions and Formulas**. K-State Research & Extension. MF-1040 rev.

Mankin, K.R., and D.H. Rogers. 1999. **What is ET? (Evapotranspiration)**. K-State Research & Extension. MF-2389 rev.

Rogers, D.H., J. Waters, and J.M. Willingham. 1999. **Kansas Home\*A\*Syst**. 11 Chapters. Dept. of Bio. and Ag. Engineering. Home\*A\*Syst. K-State Research & Extension.

Rogers, D.H. and M. Alam. 1999. **Irrigation Management chapter of the High Plains Sunflower Production Handbook**. MF-2384.

Rogers, D.H., M. Alam. January 1999. **Comparing Irrigation Energy Costs**. Irrigation Management Series. K-State Research and Extension. MF-2360.

Alam, M., T.P. Trooien, F.R. Lamm, and D.H. Rogers. January 1999. **Filtration and Maintenance Considerations for Subsurface Drip Irrigation (SDI) Systems**. Irrigation Management Series. K-State Research and Extension. MF-2361.

Mankin, K.R. and D.H. Rogers. 1998. **What is ET?** Irrigation Management Series. K-State Research and Extension. MF-2389.

O'Brien, D., D.H. Rogers, F.R. Lamm, and G.A. Clark. 1998. **Economic Comparison of SDI and Center Pivots for Various Field Sizes**. Irrigation Management Series. K-State Research and Extension. MF-2242.

Alam, M. and D.H. Rogers. 1998. **Tensiometer Use in Scheduling Irrigation**. Irrigation Management Series. K-State Research and Extension. L-796 Revised.

Rogers, D.H. and M. Alam. 1998. **Useful Conversions and Formulas**. Irrigation Management Series. K-State Research and Extension. MF-1040 Revised.

Rogers, D.H. and M. Alam. 1998. **Soil, Water and Plant Relationship**. Irrigation Management Series. K-State Research and Extension. L-904 Revised.

Rogers, D.H. and M. Alam. 1998. **Soil Water Measurements: An Aid to Irrigation Water Management**. K-State Research and Extension. Irrigation Management Series. L-795 Revised.

Rogers, D.H. and W.M. Sothers. 1998. **Conditions for Sprinkler Packages in Center Pivots**. K-State Research and Extension. Irrigation Management Series. L-908 Revised.

Rogers, D.H. and W.M. Sothers. 1998. **Reading Pump and Engine Performance Curve**. Irrigation Management Series. K-State Research and Extension. L-886 Revised.

Rogers, D.H. and G.M. Powell. 1998. **Plugging Abandoned Wells**. Water Quality Series. K-State Research and Extension. MF-935 Revised.

Rogers, D.H. and G.M. Powell. 1998. **Plugging Cisterns, Cesspools, Septic Tanks, and Other Holes**. Water Quality Series. K-State Research and Extension. MF-2246.

Powell, G.M. and D.H. Rogers. 1998. **Shock Chlorination for Private Water Systems**. Water Quality Series. K-State Research and Extension. MF-911.

Rogers, D.H. and M. Alam. 1998. **Useful Conversions and Formulas**. K-State Research and Extension. Irrigation Management Series. MF-1040 Revised.

O'Brien, D., D.H. Rogers, F.R. Lamm, and G.A. Clark. 1997. **Economic Comparison of SDI and Center Pivots for Various Field Sizes**. K-State Research & Extension. Irrigation Management Series. MF-2242.

Rogers, D.H. and W.M. Sothers. 1997. **Kansas Water Supplies**. K-State Research & Extension. Irrigation Management Series. L-910 Revised.

Rogers, D.H. and G.M. Powel. 1997. Water Quality Series. **Plugging Cisterns, Cesspools, Septic Tanks, and Other Holes**. Water Quality Series. K-State Research & Extension. MF-2246.

Alam, M. and D.H. Rogers. 1997. **Tensiometer Use in Scheduling Irrigation**. Irrigation Management Series. K-State Research & Extension. L-796.

Rogers, D.H., F.R. Lamm, M. Alam, T.P. Trooien, G.A. Clark, P.L. Barnes, and K. Mankin. 1997. **Efficiencies and Water Losses of Irrigation Systems**. Irrigation Management Series. K-State Research & Extension. MF-2243.

Rogers, D.H. 1997. **Irrigation Management**. Chapter of the Wheat Production Handbook. K-State Research & Extension. C-529. pp 29-31.

Rogers, D.H. 1997. **Irrigation**. Chapter of the Soybean Production Handbook. C-449. K-State Research & Extension. C-449. pp 15-19.



Rogers, D.H. and W.M. Sothers. 1996. **Predicting the Final Irrigation for Corn, Grain Sorghum and Soybeans.** Irrigation Management Series. Kansas State University Cooperative Extension Service. MF-2174.

Rogers, D.H. and W.M. Sothers. 1996. **Soil, Water and Plant Relationships.** Irrigation Management Series. Kansas State University Cooperative Extension. L-904 Revised. 4 pp.

Rogers, D.H., R.D. Black, and W.M. Sothers. 1995. **Soil, Water and Plant Relationships.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-904 rev.

Rogers, D.H. and W.M. Sothers. 1995. **Kansas Water Supplies.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-910. 4 pp.

Rogers, D.H. and W.M. Sothers. 1995. **Surge Irrigation.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-912.

Rogers, D.H. 1995. **Using Evapotranspiration Reports for Furrow Irrigation Scheduling.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-914.

Rogers, D.H. 1995. **Managing Furrow Irrigation Systems.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-913.

Rogers, D.H. 1995. **Using Evapotranspiration Reports for Center Pivot Irrigation Scheduling.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-915.

Rogers, D.H., K.C. Dhyvetter, and F.R. Lamm. 1994. **Subsurface Drip Irrigation for Field Corn: An Economic Analysis.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-909.

Rogers, D.H., W.E. Spurgeon, and W.M. Sothers. 1994. **Sprinkler Package Effects on Runoff. General Guidelines.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-903.

Rogers, D.H. and W.M. Sothers. 1994. **Considerations for Sprinkler Packages on Center Pivots.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-908.

Rogers, D.H. 1994. **Irrigation.** Chapter of the Corn Production Handbook. Kansas State University Cooperative Extension Service. C-560 Revised, pp. 23-28.

Rogers, D.H., F. R. Lamm, and W.E. Spurgeon. 1994. **LEPA Irrigation Management for Center Pivots.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-907.

Rogers, D.H. and W.M. Sothers. 1994. **Scheduling Irrigations by Electrical Resistance Blocks.** Irrigation Management Series. Kansas State University Cooperative Extension Service. L-901.

Rogers, D.H. and F.R. Lamm. 1994. **Large Acreage Center Pivot Systems**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-902

Rogers, D.H., W.E. Spurgeon, and W.M. Sothers. 1994. **Sprinkler Package Effects on Runoff: General Guidelines**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-903.

Fjell, D.L., D.H. Rogers, K.C. Dhuyvetter, D.L. Devlin, S.L. Watson, P. Sloderbeck, and M. Fausett. 1993. **Early Corn Production**. Kansas State University Cooperative Extension Service. MF-1095.

Rogers, D.H. and W.M. Sothers. 1993. **Reading Pump and Engine Performance Curves**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-886.

Rogers, D.H. and R.D. Black. 1993. **Evaluating Pumping Plant Efficiency: Using On-Farm Fuel Bills**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-885.

Rogers, D.H. and R.D. Black. 1993. **Irrigation Water Measurement**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-877.

Rogers, D.H., R.D. Black, and D. Spare. 1993. **Water Measurements as a Management Tool**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-878.

Rogers, D.H., W.E. Spurgeon, F.R. Lamm, and H.L. Manges. 1993. **Managing LEPA Bubblers and Flat Sprays on Corn**. Irrigation Management Series. Kansas State University Cooperative Extension Service. L-879.

Black, R.D. and D.H. Rogers. 1993. **"Irrigation". Sunflower Production Handbook**. Kansas State University Cooperative Extension Service. C-727.

Black, R.D. and D.H. Rogers. 1993. **Irrigating Alfalfa**. Chapter of the Alfalfa Production Handbook. Kansas State University Cooperative Extension Service. C-683-Revised, pp. 8-11.

Rogers, D.H., G.M. Powell, R.D. Black, K.L. Herbel, J.S. Hickman, M. Cochran and R.D. Harper. 1992. **Drinking Water Well Condition**. Worksheet 1 of Farm\*A\*Syst. Material adapted for Kansas from Wisconsin and Minnesota Farm.A.Syst.

Rogers, D.H., G.M. Powell, R.D. Black, K.L. Herbel, J.S. Hickman, M. Cochran and R.D. Harper. 1992. **Improving Drinking Water Well Condition**. Fact Sheet 1 of Farm\*A\*Syst. Material adapted for Kansas from Wisconsin and Minnesota Farm\*A\*Syst.

Black, R.D. and D.H. Rogers. 1992. **Grain Sorghum Production Handbook. Chapter 6 - Irrigation**. Kansas State University Cooperative Extension Service. C-687 Revised.

Rogers, D.H. and R.D. Black. 1992. **Guidelines for Use of Propeller Type Irrigation Water Meters**. KSU Cooperative Extension Service Bulletin. Irrigation Management Series. L-689.

Rogers, D.H. and R.D. Black. 1992. **Irrigation Formulas and Conversions**. KSU Cooperative Extension Service Bulletin. Irrigation Management Series. MF-1040.

Rogers, D.H., R.D. Black, and G.M. Powell. 1992. **Plugging Abandoned Wells**. KSU Extension Bulletin, Water Quality Series. MF-935 Revised.

Black, R.D., G.M. Powell, and D.H. Rogers. 1992. **Safe Domestic Wells**. KSU Extension Service Bulletin. Water Quality Series. MF-970.

Rogers, D.H., L.R. Stone, and R.D. Black. 1989. **Tensiometer Use in Scheduling Irrigation**. KSU Cooperative Extension Service Bulletin. Irrigation Management Series, L-796.

Rogers, D.H., G.M. Powell, and R.D. Black. 1989. **Plugging Abandoned Wells**. KSU Extension Service Bulletin. Water Quality Series. MF-935.

Black, R.D. and D.H. Rogers. 1989. **Soil Water Measurements, An Aid to Irrigation Water Management**. KSU Cooperative Extension Service Bulletin. Irrigation Management Series, L-795.

Marr, C.M., W.J. Lamont, Jr. and D.H. Rogers. 1989. **Drip Irrigation for Vegetables**. KSU Extension Service Bulletin, Horticulture.

Rogers, D.H. and J.G. Thomas. 1978. **Guidelines for Use of Irrigation Water Meters**. Irrigation Water Management Series Publication, KSU Cooperative Extension Service, MF-467.

Rogers, D.H. and D.R. Hay. 1978. **Irrigating Alfalfa**. Ag Facts Publication, KSU Cooperative Extension Service, AF-2.

Rogers, D.H., J.G. Thomas, and D.R. Hay. 1978. **Irrigation Water Measurement**. Irrigation Water Management Series Publication, KSU Cooperative Extension Service, AF-2. KSU Cooperative Extension Service, AF-2.

Reinhardt, L.R., H.L. Brooks, D.R. Hay, E.B. Nilson, D.H. Rogers, D.A. Whitney, V.H. Peterson, and W.G. Willis. 1978. **Production Alfalfa**. C-478 Revised.

### **ASABE Papers**

Lamm, F.R., D.H. Rogers, M. Alam, D.M. O'Brien, and T.P. Trooien. 2009. **Twenty years of progress with SDI in Kansas**. ASABE paper no. 09-5923. Available from ASABE, ST. Joseph, MI. 23 pp.

Rogers, D.H., M. Alam, L.K. Shaw, and G.A. Clark. 2009. **Impact of collector size and spacing on center pivot uniformity evaluations**. ASABE paper no. 09-6522. Available from ASABE, ST. Joseph, MI. 12 pp.

Alam, M and D.H. Rogers. 2006. **Performance of Subsurface Drip Irrigation (SDI): user response in Kansas**. MC06-3105. 2006 ASABE Mid-Central Conference. March 31- April 1, 2006.

Rogers, D.H. 2006. **Irrigation System Comparison Guidelines**. MC06-1103. 2006 ASABE Mid-Central Conference. March 31-April 1, 2006.

Clark, G.A., and D.H. Rogers. 2004. **Physical and Electronic Tools to Enhance On-Farm Irrigation System Efficiency**. In proceedings of the 2004 CIGR International Conference. Beijing, China. 10 pps.

Rogers, D.H., F.R. Lamm, and G.A. Clark. 2004. **Subsurface Drip Irrigation (SDI) System Remediation - A Case Example**. 2004 Mid-Central ASAE, St. Joseph, MO. March 26-27, 2004. Paper number MC04-307. 12 pp.

Dogan, E., G.A. Clark, D.H. Rogers, and R.L. Vanderlip. 2003. **Various Irrigation Effect of Corn Grain Yield and CERES-Maize Simulation for South Central Kansas**. ASAE 2003 International Meeting. Las Vegas, NV. July 27-30, 2003. Paper Number 032138.

Dogan, E., G.A. Clark, D.H. Rogers, and V.L. Martin. 2003. **Evaluation of Collector Size for Measuring of Irrigation Depth**. ASAE 2003 International Meeting. Las Vegas, NV. July 27-30, 2003. Paper Number 032007.

Rogers, D.H. 2003. **Kansas Irrigated Agriculture's Impact on Value of Crop Production**. 2003 Mid-Central ASAE, St. Joseph, MO. April 12-13, 2002. Paper number MC03-301. 8 pp.

Clark, G.A., D.H. Rogers, E. Dogan, and R. Krueger. 2002. **The Irrigage: A Non-Evaporating In-Field Precipitation Gage**. Paper number: 022068 from ASAE. St. Joseph, MI. 10 pp.

Rogers, D.H., G.A. Clark, M. Alam, D.L. Fjell, and R. Stratton. 2002. **A Mobile Irrigation Lab (MIL): Bringing Education and Technical Assistance to the Farm in the Computer Age**. Paper Number: 022021 from ASAE, St. Joseph, MI. 7 pp.

Alam, M., D.H. Rogers, T.J. Dumler, and G.L. Gold. 2002. **Effect of Irrigation Ending Date on Corn Yield and Irrigation Scheduling for Water Conservation**. Paper number: 022062 from ASAE, St. Joseph, MI. 9 pp.

Lamm, F.R., D.M. O'Brien, D.H. Rogers, and T.J. Dumler. 2002. **Sensitivity of Center Pivot Sprinkler and SDI Economic Comparisons**. 2002. Mid-Central ASAE, St. Joseph, MO. April 12-13, 2002. Paper number MC02-201. 10pp.

Clark, G.A., K. Srinivas, D.H. Rogers and V.L. Martin. 2000. **Measured and Simulated Uniformity of Low Drift Nozzle Sprinklers**. 2000 ASAE meeting. Milwaukee, WI. Paper No. 2021.

Dogan, E., G.A. Clark, D.H. Rogers, V.L. Martin, R. Stratton. 2000. **Sprinkler Irrigation Uniformity and Water Application Rates Effect on Corn Yield**. MC00-106. 2000 Mid-Central ASAE. St. Joe, MO.

Dogan, E., G.A. Clark, D.H. Rogers, V.L. Martin, R. Stratton. 2000. **Sprinkler Irrigation Uniformity and Water application Rates Effect on Corn Yield**. Mid Central ASAE, April 28-29, 2000. Paper No. MC00-106.

Rogers, D.H. **Kansas Irrigation Trends and Impacts**. 2000. Mid Central ASAE, April 28-29, 2000. Paper No. MC00-107.

Clark, G.A., D.L. Fjell, V. Martin, D.H. Rogers, and R. Statton. 1998. **On-Farm Irrigation Management Studies in Central Kansas**. ASAE Annual International Meeting. Orlando, FL., July 12-16, 1998. Paper 982070.

Dogun, E., G.A. Clark, D.L. Fjell, D.H. Rogers, and L.R. Stone. 1998. **Subsurface Drip Irrigation During Freeze Events**. Mid Central American Society of Agricultural Engineers, 1998. Paper No. MC98-151.

O'Brien, D.M., D.H. Rogers, F.R. Lamm, and G.A. Clark. 1997. **Economics of SDI for Corn in Western Kansas**. Annual International Conference of American Society of Agricultural Engineers, 1997. Paper 972072.

Rogers, D.H., G.A. Clark, V.L. Martin, and D.L. Fjell. 1997. **South Central Kansas ET Scheduling and Irrigation Management Demonstration Project**. Mid Central American Society of Agricultural Engineers, 1997. Paper No. MC97-101.

Clark, G.A., P.L. Barnes, D.H. Rogers, D. Regehr, and S. McVey. 1997. **Discharge Uniformity in a Porous Irrigation Hose**. Mid Central Conference of American Society of Agricultural Engineers, 1997. Paper MC97-102.

Vela, M.A., W.E. Spurgeon, D.H. Rogers, and D. Tomsicek. 1995. **Effect of High-Frequency, Low-Pressure In-Canopy Sprinkler Irrigation on Corn Yield and Implanted Reservoir Degradation**. Annual International Conference of American Society of Agricultural Engineers. Paper No. 952416

Lamm, F.R., D.H. Rogers, and W.E. Spurgeon. 1994. **Corn Irrigation Requirements Under Sprinkler Irrigation in Western Kansas**. American Society of Agricultural Engineers, 1994 International Summer Meeting. Paper No. 942026.

Rogers, D.H., F.R. Lamm, W.E. Spurgeon, and H.L. Manges. 1994. **Irrigated Agricultural Trends in Kansas**. American Society of Agricultural Engineers, 1994 International Summer Meeting. Paper No. 942142.

Lamm, F.R., D.H. Rogers, and H.L. Manges. 1993. **Irrigation Scheduling with Planned Soil Water Depletion**. American Society of Agricultural Engineers, 1993 International Winter Meeting. Paper No. 932583.

Rogers, D.H., L.K. Shaw and W.E. Spurgeon. 1993. **Soil Water and Yield Distributions of Surface Irrigated Corn in Southwest Kansas**. American Society of Agricultural Engineers, Mid-Central Conference. Paper No. MC 93-110.

Herbel, K.L. and D.H. Rogers. 1993. **Adapting and Implementing The Farmstead Assessment System in Kansas**. American Society of Agricultural Engineers, Mid-Central Conference. Paper No. MC 93-114.

Lamm, F.R., M.E. Nelson, and D.H. Rogers. 1992. **Management of Corn Production Inputs with Water Resource Constraints**. American Society of Agricultural Engineers. Paper No. 92-2606.

Rogers, D.H., L.K. Shaw and W.E. Spurgeon. 1992. **Surface Irrigated Corn Soil Water and Yield Distributions in Southwest Kansas**. American Society of Agricultural Engineers, Mid-Central Conference. Paper No. MC 92-107.

Rogers, D.H. and F.R. Lamm. 1991. **Post-Corn Harvest Soil Water Survey for Northwest Kansas**. American Society of Agricultural Engineers. Paper No. 91-2560.

Manges, H.L., F.R. Lamm and D.H. Rogers. 1991. **Water Requirement of Drip-Irrigated Corn in Northwest Kansas**. American Society of Agricultural Engineers. Paper No. 91-2591.

Lamm, F.R., H.L. Manges, D.H. Rogers, W.E. Spurgeon and M.H. Farmer. 1990. **Design and Installation of a Drip Irrigation System for Research Purposes**. American Society of Agricultural Engineers. Paper No. 90-2530.

Rogers, D.H. and R.L. Elliott. 1988. **Irrigation Scheduling Using Crop Growth Simulation, Risk Analysis and Weather Forecasts**. American Society of Agricultural Engineers, Paper No. 88-2043.

Lamm, F.R. and D.H. Rogers. 1985. **Corn Yield Response to Different Irrigation Regimes.** American Society of Agricultural Engineers, Mid-Central Region. Paper No. MC 85-131.

Rogers, D.H. and F.R. Lamm. 1984. **Surge Flow Irrigation Experiences.** American Society of Agricultural Engineers, Mid-Central Region. Paper No. MC 84-151.

Lamm, F.R. and D.H. Rogers. 1983. **Scheduling Irrigation using Computed Evapotranspiration.** American Society of Agricultural Engineers, Mid-Central Region. Paper No. MC 83-109.

Lamm, F.R. and D.H. Rogers. 1982. **Efficiency of Preseason Irrigation of Corn in Northwest Kansas.** American Society of Agricultural Engineers, Mid-Central Region, paper No. MC 82-124.

### **Irrigation Association Proceedings**

Lamm, F. R., D. M. O'Brien, D.H. Rogers, and T. J. Dumler. 2012. **Comparison of SDI and center pivot sprinkler economics.** In: Proc.2012 Irrigation Association Tech. Conf., Orlando, Florida, November 4-5, 2012. Available from the IA, Falls Church, VA. CD-Rom,10 pp.

Lamm, F.R. and D.H. Rogers. 2012. **Hydraulic consideration for SDI systems.** In: Proc. 2012 Irrigation Association Tech. Conf., Orlando, Florida, November 4-5, 2012. Available from the IA, Falls Church, VA. CD-Rom, 9 pp.

Porter, D.O., D.H. Rogers, T.H. Marek, F.R. Lamm, N.L. Klocke, M. Alam, and T.A. Howell. 2010. **Technology Transfer: Promoting Irrigation Progress and Best Management Practices.** In proceedings of the 5th Decennial National Irrigation Symposium, Phoenix, AZ, Dec. 5-8, 2010. Paper Number: IRR10-9641.

Lamm, F.R., P.D. Colaizzi, J.P. Bordovsky, T.P. Trooien, J. Enciso-Medina, D.O. Porter, D.H. Rogers, and D.M. O'Brien. 2010. **Can Subsurface Drip Irrigation (SDI) be a Competitive Irrigation System in the Great Plains Region for Commodity Crops?.** In proceedings of the 5th Decennial National Irrigation Symposium, Phoenix, AZ, Dec. 5-8, 2010. Paper Number: IRR10-9686.

Marek, T.H., T.F. Scherer, D.O. Porter, D.H. Rogers, J. Henggeler, and T.A. Howell. 2010. **What Will it Take to Get Irrigators to Use Advisory Programs? Lessons Learned from the Past 10 Years and Beyond.** In proceedings of the 5th Decennial National Irrigation Symposium, Phoenix, AZ, Dec. 5-8, 2010. Paper Number: IRR10-9683.

Rogers, D.H., L.K. Shaw, S.R. Pragada, and M. Alam. 2009. **Evaluation of pressure regulators from center pivot nozzle packages.** Proc. 30<sup>th</sup> Annual Int'l. Irrigation Assoc. Conf., San Antonio, TX. Dec. 2-4, 2009. Available from Irrigation Association, Falls Church, VA. Paper No. IA09-1023. 9 pp.

Alam, M., T.J. Dumler, D.H. Rogers, T. Roberts, and L.K. Shaw. 2009. **Cotton irrigation in Kansas**. Proc. 30<sup>th</sup> Annual Int'l. Irrigation Assoc. Conf., San Antonio, TX. Dec. 2-4, 2009. Available from Irrigation Association, Falls Church, VA. Paper No. IA09-1036. 6 pp.

Lamm, F.R., D.H. Rogers, M. Alam, D.M. O'Brien, and T.P. Trooien. 2009. **Summary of twenty years of Kansas SDI research**. Proc. 30<sup>th</sup> Annual Int'l. Irrigation Assoc. Conf., San Antonio, TX. Dec. 2-4, 2009. Available from Irrigation Association, Falls Church, VA. Paper No. IA09-1037. 23 pp.

O'Brien, D. M., Lamm, F.R., D.H. Rogers, and T.J. Dumler. 2009. **Effect of the changing U.S. economy on the relative profitability of center pivot sprinklers and SDI systems**. Proc. 30<sup>th</sup> Annual Int'l. Irrigation Assoc. Conf., San Antonio, TX. Dec. 2-4, 2009. Available from Irrigation Association, Falls Church, VA. Paper No. IA09-1040. 13 pp.

Alam, M., P.D. Colaizzi, D.H. Rogers, and L.K. Shaw. 2008. **Irrigation Cotton in a Thermally-limited Area**. Proc. 29<sup>th</sup> Annual Int'l. Irrigation Assoc. Tech. Conf. Anaheim, CA. Nov. 2-4, 2008. Available from Irrigation Association, Falls Church, VA. 5 pgs.

Rogers, D.H., M. Alam, and L.K. Shaw. 2007. **Western Kansas Center Pivot Survey**. Proc. 28<sup>th</sup> Annual Int'l. Irrigation Assoc. Tech. Conf. San Diego, CA. Dec. 8-11, 2007. Available from Irrigation Association, Falls Church, VA., IA07-1676. pp 187- 195.

Alam, M., D.H. Rogers, F.R. Lamm, and L.K. Shaw. 2007. **In-field Evaluation of Subsurface Drip Irrigation (SDI) Systems in Kansas**. Proc. 28<sup>th</sup> Annual Int'l. Irrigation Assoc. Tech. Conf. San Diego, CA. Dec. 8-11, 2007. Available from Irrigation Association, Falls Church, VA. pp 311.

Rogers, D.H., G.A. Clark, M. Alam, and L.K. Shaw. 2006. **Kansas Progress in ET Based Scheduling: Improvements in KanSched**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA06-1512, November 5-7, 2006. San Antonio, Texas. Pp 208-212.

Clark, G.A., D.H. Rogers, and M. Alam. 2006. **Evaluation of Collector Size for Low Pressure, Fixed-Plate sprinklers for Center Pivots**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA06-1513, November 5-7, 2006. San Antonio, Texas. Pp 368-373.

Alam, M., T.J. Dumler, D.H. Rogers, and L.K. Shaw. 2006. **Economics of Irrigation Ending Date for Corn**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA06-1516, November 5-7, 2006. San Antonio, Texas. Pp 213-221.

Alam, M. and D.H. Rogers. 2005. **Field Performance of Subsurface Drip Irrigation (SDI) in Kansas**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA 05-1209. November 6-8, 2005. Phoenix, AZ, pp. 1-5.



Clark, G.A., N. Dudley, M. Roberts, and D.H. Rogers. 2005. **Tapered Lateral Design for Subsurface Drip Irrigation**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA 05-1241. November 6-8, 2005, Phoenix, AZ. pp. 6-14.

Rogers, D.H., G.A. Clark, M. Alam, and L.K. Shaw. 2005. **Field Performance Testing of In-canopy Center Pivot Nozzle Packages in Kansas**. In proceedings of Irrigation Association International Irrigation Technical Conference, IA 05-1239. November 6-8, 2005, Phoenix, AZ. pp. 295-301.

Clark, G.A., F.R. Lamm, and D.H. Rogers. 2004. **Water Discharge Temperature Effects on the Discharge Rate of Collapsible Emitting Hose**. In proceedings of Irrigation Association International Irrigation Technical Conference, November 14-16, 2004, Tampa, FL. pp. 424-434.

Rogers, D.H., G.A. Clark, and M. Alam. 2004. **Irrigation Impact and Trends in Kansas Agriculture**. In proceedings of Irrigation Association International Irrigation Technical Conference, November 14-16, 2004, Tampa, FL. pp. 123-129.

Clark, G.A., E. Dogan, D.H. Rogers, and V.L. Martin. 2003. **Evaluation of Collector Size for the Measurement of Irrigation Depth**. In proceedings of Irrigation Association International Irrigation Technical Conference, November 17-20, 2003, San Diego, Ca. pp. 269-278.

Lamm, F.R., T.P. Trooien, G.A. Clark, L.R. Stone, M. Alam, D.H. Rogers, and A.J. Schlegel. 2002. **Using Beef Lagoon Wastewater With SDI**. In proceedings of Irrigation Association International Irrigation Technical Conference, October 24-26, 2002, New Orleans, LA.

Lamm, F. R., D.M. O'Brien, D.H. Rogers, T.J. Dumler. 2002. **Sensitivity of Center Pivot Sprinkler and Economic Comparisons**. In proceedings of Irrigation Association International Irrigation Technical Conference, October 24-26, 2002, New Orleans, LA.

Clark, G.A., D.H. Rogers, M. Alam, D.L. Fjell, R. Stratton, and S. Briggeman. 2002. **A Mobile Irrigation Lab for Water Conservation: I. Physical and Electronic Tools**. In proceedings of Irrigation Association International Irrigation Technical Conference, October 24-26, 2002, New Orleans, LA, available from I.A., Falls Church, VA.

Rogers, D.H., G.A. Clark, M. Alam, R. Stratton, and S. Briggeman. 2002. **A Mobile Irrigation Lab for Water Conservation: II Education Programs and Field Data**. In proceedings of Irrigation Association International Irrigation Technical Conference, October 24-26, 2002, New Orleans, LA, available from I.A., Falls Church, VA.

Alam, M., T.P. Trooien, S. Stone, and D.H. Rogers. 2000. **Subsurface Drip Irrigation for Alfalfa**. National Irrigation Symposium. Proceedings of the 4<sup>th</sup> Decennial Symposium. November 14-16, 2000. Pp 373-378.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A.J. Schlegel. 2000. **Using Subsurface Drip Irrigation with Livestock Wastewater**. National Irrigation Symposium. Proceedings of the 4<sup>th</sup> Decennial Symposium. November 14-16, 2000. Pp 379-384.

Spurgeon, W.E., D.H. Rogers, and W.M. Sothers. 1993. **Sprinkler Package Option Effects on Runoff. General Guidelines**. Proceedings of the Irrigation Association. San Diego, California. October 28-November 3, 1993. 20 pps.

### **Central Plains Irrigation Conference Proceedings**

Rogers, D.H. and F.R. Lamm. 2012. **Kansas Irrigation Trends**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 1-15.

Kranz, W., R. Glaser, G. Ross and D.H. Rogers. 2012. Center pivot sprinkler nozzle replacement and maintenance. In:Proc. 24th annual Central Plains Irrigation Conference Feb. 21-22,2012, Colby, Kansas. Available from CPIA, 760 N. Thompson, Colby, Kansas. pp. 102-110.

Lamm, F.R. and D.H. Rogers. 2012. **SDI, The Basics of Successful Systems**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 133-149.

Lamm, F.R. and D.H. Rogers. 2012. **Hydraulic Considerations for SDI Systems**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 150-158.

Lamm, F.R., D. O'Brien, D.H. Rogers, and T. Dumler. 2012. **Using the K-State Center Pivot Sprinkler and SDI Economic Comparison Spreadsheet - 2012**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 159-169.

Rogers, D.H. 2012. **Introducing the Web-based Version of KanSched: An ET-based Irrigation Scheduling Tool**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 230-236.

Lamm, F.R., D.H. Rogers, A.J. Schlegel, N.L. Klocke, L.R. Stone, R.M. Aiken, and L.K. Shaw. 2012. **Assessment of Plant Available Soil Water on Producer fields in Western Kansas**. In: Proc. 24th annual Central Plains Irrigation Conference, Colby, Kansas, Feb. 21-22, 2012. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 37-50.

Lamm, F.R., D.H. Rogers, M. Alam, D.M. O'Brien, and T.P. Trooien. 2011. **Twenty-two years of SDI research in Kansas**. In: Proc. 23rd annual Central Plains Irrigation Conference, Burlington, Colorado, Feb. 22-23, 2011. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 68-92.

Lamm, F.R., D. M. O'Brien, D.H. Rogers, and T.J. Dumler. 2011. **Using the K-State center pivot sprinkler and SDI economic comparison spreadsheet - 2011.** In: Proc. 23rd annual Central Plains Irrigation Conference, Burlington, Colorado, Feb. 22-23, 2011. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 93-103.

Rogers, D.H. and J.K. Koelliker. 2011. **Evaluating Center Pivot Nozzle Package Performance.** In: Proc. 23rd annual Central Plains Irrigation Conference, Burlington, Colorado, Feb. 22-23, 2011. Available from CPIA, 760 N. Thompson, Colby, KS. pp. 122-134.

Rogers, D.H., L.K. Shaw, S.R. Pragada, and M. Alam. 2010. **Evaluation of Pressure Regulators from Center Pivot Nozzle Packages.** In: Proc. of the 22<sup>nd</sup> Annual Central Plains Irrigation Conference, Kearney, NE., Feb. 24-25, 2010. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 58-67.

Lamm, F.R., Rogers, D.H., M. Alam, D.M. O'Brien, and T.P. Trooien. 2010. **Twenty-one Years of SDI Research in Kansas.** In: Proc. of the 22<sup>nd</sup> Annual Central Plains Irrigation Conference, Kearney, NE., Feb. 24-25, 2010. Available from CPIA, 760 N.Thompson, Colby, KS. 24 pps.

O'Brien, D.M., F.R. Lamm, D.H. Rogers, and T.J. Dumler. 2010. **How Economic Factors Affect the Profitability of Center Pivot Sprinkler and SDI Systems.** . In: Proc. of the 22<sup>nd</sup> Annual Central Plains Irrigation Conference, Kearney, NE., Feb. 24-25, 2010. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 97- 109.

Rogers, D.H., L.K. Shaw, S.R. Pragada, and M. Alam. 2010. **Evaluation of pressure regulators from center pivot nozzle packages.** In: Proc. Central Plains Irrigation Conference, Kearney, NE. Feb. 24-25, 2010. Available from CPIA, 760 N. Thompson, Colby, KS. pp. 58-67.

Rogers, D. H. 2009. **Irrigation scheduling using KanSched for a range of weather conditions.** In: Proc. Central Plains Irrigation Conference, Colby, KS., Feb. 24-25, 2009. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 66-73.

Rogers, D.H., M. Alam, and L.K. Shaw. 2009. **Center pivot sprinkler package survey results.** In: Proc. Central Plains Irrigation Conference, Colby, KS., Feb. 24-25, 2009. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 102-111.

Rogers, D.H. and F.R. Lamm. 2009. **Keys to successful adoption of SDI: Minimizing problems and ensuring longevity.** In: Proc. Central Plains Irrigation Conference, Colby, KS., Feb. 24-25, 2009. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 140-151.

Lamm, F.R., D.M. O'Brien, D.H. Rogers, and T.J. Dumler. 2009. **Using the K-State center pivot sprinkler and SDI economic comparison spreadsheet – 2009.** In: Proc. Central Plains Irrigation Conference, Colby, KS., Feb. 24-25, 2009. Available from CPIA, 760 N.Thompson, Colby, KS. pp. 177-187.

Lamm, F.R. D.M. O'Brien, D.H. Rogers, and T.J. Dumler. 2008. **Using the K-State Center Pivot Sprinkler and SDI Economic Comparison Spreadsheet – 2008**. Proceedings of the Central Plains Irrigation Short Course, Greeley, CO., February 19-20, 2008. Available from CPIA, 760 N. Thompson, Colby, KS. Pp 61-70.

Rogers, D.H. and F.R. Lamm. 2007. **Criteria for successful adoption of SDI systems**. In: Proc. Central Plains Irrigation Conference, Kearney, NE., Feb. 27-28, 2007. Available from CPIA, 760 N. Thompson, Colby, KS. pp. 62-71.

Alam, M., T.J. Dumler, D.H. Rogers and L.K. Shaw. 2007. **Economics of irrigation ending date for corn: using field demonstration results**. In: Proc. Central Plains Irrigation Conference, Kearney, NE., Feb. 27-28, 2007. Available from CPIA, 760 N. Thompson, Colby, KS. pp. 99-106.

Olson. B.L.S. and D.H. Rogers. 2007. **Center Pivot Precision Mobile Drip Irrigation**. In: Proc. Central Plains Irrigation Conference, Kearney, NE., Feb. 27-28, 2007. Available from CPIA, 760 N. Thompson, Colby, KS. pp. 107-113.

Rogers, D.H. and F.R. Lamm. 2007. **Criteria For Successful Adoption of SDI Systems**. Proceedings of the Central Plains Irrigation Conference. Kearney, NE February 27-28, 2007. pp. 62-70.

Alam, M., T.J. Dumler, D.H. Rogers, and L.K. Shaw. 2007 **Economics of Irrigation Ending Date for Corn Using Field Demonstration Results**. Proceedings of the Central Plains Irrigation Conference. Kearney, NE February 27-28, 2007. pp. 99-106.

Olson, B.L.S. and D.H. Rogers. 2007. **Center Pivot Precision Mobile Drip Irrigation**. Proceedings of the Central Plains Irrigation Conference. Kearney, NE February 27-28, 2007. pp. 107-113.

Olson, B.L.S. and D.H. Rogers. 2006. **PMDI Field Test Results from Sheridan County**. Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 44-50.

Rogers, D.H. and F. R. Lamm. 2006. **Criteria For Successful Adoption of SDI Systems**. Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 57-66.

Lamm, F.R., D.M. O'Brien, D.H. Rogers, and T.J. Dumler. 2006. **Using the K-State Center Pivot sprinkler and SDI economic Comparison Spreadsheet**. In proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 86-93.

Klocke, N.L., L.R. Stone, T.J. Dumler, G.A. Clark, D.H. Rogers, and S. Briggeman. 2006. **Crop Selections and Water Allocations for Limited Irrigation**. Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 157-161.

Alam, M, T.J. Dumler, D.H. Rogers, and L.K. Shaw. **Economics of Irrigation Ending Date for Corn: using field demonstration results.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006.

Rogers, D.H., M. Alam, G.A. Clark and L.K. Shaw. **MIL Evaluation of Center Pivot Irrigation Systems.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 35-43.

Olson, B.L.S., and D.H. Rogers. **PMDI Field Test Results from Sheridan County.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 44-50.

Rogers, D.H. **Pumping Plant Efficiency, Fuel Options and Costs.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 148-156.

Lamm, F.R., D.M. O'Brien, D.H. Rogers and T.J. Dumler. **Using the K-State Center Pivot Sprinkler and SDI Economic Comparison Spreadsheet.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 86-93.

Bernard, E.A., L.J. Kulcsar and D.H. Rogers. **Where did all the Irrigators Go? Trends in Irrigation and Demographics in Kansas.** Proceedings of the Central Plains Irrigation Conference. Colby, KS February 21-22, 2006. pp 1-10.

Rogers, D.H., and F.R. Lamm. 2005. **Key Considerations for a Successful Subsurface Drip Irrigation (SDI) System.** Proceedings of the Central Plains Irrigation Conference. Sterling, CO. February 16-17, 2005. pp 113-118.

Rogers, D.H. 2004. **Kansas Irrigation Trends and Economic Impacts in Kansas Agriculture.** Proceedings of the High Plains Groundwater Resources Conference. Lubbock, TX. December 7-9, 2004. Abstract Pp 83.

Clark, G.A., D.H. Rogers, and S. Briggeman. 2004. **KanSched An ET-Based Irrigation Scheduling Tool for Kansas Summer Annual Crops.** Proceedings of the Central Plains Irrigation Conference., Kearney, NE. February 17-18, 2004. Pp 120-129.

Rogers, D.H., F.R. Lamm. 2004. **Key Considerations for a Successful Subsurface Drip Irrigation (SDI) System.** Proceedings of the Central Plains Irrigation Conference. Kearney, NE. February 17-18, 2004. Pp 87-92.

Yonts, C.D., D.H. Rogers, and J. Schneekloth. 2004. **Tools to use for Water Management.** Proceedings of the Central Plains Irrigation Conference, Kearney, NE. February 17-18, 2004. Pp118-119.

Rogers, D.H., F.R. Lamm, and M. Alam. **SDI Water Quality Assessment Guidelines.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp 220-229.

Alam, M., D.H. Rogers, F.R. Lamm, and T.P. Trooien. **Filtration: A Basic Component for SDI to Avoid Clogging Hazards.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp 212-219.

Lamm, F.R., D.M. O'Brien, D.H. Rogers, and T.J. Dumler. **Center Pivot Sprinkler and SDI Economic Comparisons.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp 199-211.

Lamm, F.R., D.H. Rogers, and W.E. Spurgeon. **Design and Management Considerations for Subsurface Drip Irrigation Systems.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp189-198.

Rogers, D.H. **Estimating Irrigation Pumping Plant Efficiency.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp 166-168.

Rogers, D.H., G.A. Clark, M. Alam, R. Stratton, D.L. Fjell and S. Briggeman. **Mobile Irrigation Lab (MIL): Center Pivot uniformity Evaluation Procedure and Field Results.** Proceeding of the Central Plains Irrigation Short Course, Colby, KS. February 4-5, 2003. Available from CPIA. 760 N. Thompson, Colby, KS. Pp 78-84.

Alam, M., T.P. Trooien, F.R. Lamm, and D.H. Rogers. 2002. **Filtration and Maintenance Considerations for Subsurface Drip Irrigation (SDI) Systems.** Proceedings of the Central Plains Irrigation Short Course, Lamer, CO., February 5-6, 2002. Available from CPIA, 760 N. Thompson, Colby, KS. Pp 110-121.

Lamm, F.R., D.H. Rogers, and W.E. Spurgeon. 2002. **Design and Management Considerations for Subsurface Drip Irrigation Systems.** Proceedings of the Central Plains Irrigation Short Course, Lamar, CO. February 5-6, 2002. Available from CPIA, 760 N. Thompson, Colby, KS pp 93-101.

Lamm, F.R., T.P. Trooien, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A. Schlegel. 2002. **Using Livestock Wastewater with SDI-A Status Report After Four Seasons.** Proceedings of the Central Plains Irrigation Short Course, Lamer, CO., February 5-6, 2002. Available from CPIA, 760 N. Thompson, Colby, KS. Pp 8-17.

Rogers, D.H., and M. Alam. 2002. **Comparing Irrigation Energy Costs.** Proceedings of the Central Plains Irrigation Short Course, Lamer, CO., February 5-6, 2002. Available from CPIA, 760 N. Thompson, Colby, KS. Pp 168-175.

Rogers, D.H. 2002. **Cropping Strategies with Water Resource Constraints.** Proceedings of the Central Plains Irrigation Short Course, Lamer, CO., February 5-6, 2002. Available from CPIA, 760 N. Thompson, Colby, KS. Pp 74-79.

Lamm, F.R., D.H. Rogers, and W.E. Spurgeon. 2001. **Design and Management Considerations for SDI**. Proceedings of the 2001 Central Plains Irrigation Short Course, Kearney, NE, February 5-6, 2001. Pp 29-37.

Alam, M., T.P. Trooien, S. Stone, and D.H. Rogers. 2001. **Subsurface Drip Irrigation for Alfalfa in Kansas**. Proceedings of the 2001 Central Plains Irrigation Short Course, Kearney, NE, February 5-6, 2001. Pp 38-47.

Lamm, F.R., T.P. Trooien, L.R. Stone, M. Alam, D.H. Rogers, G. A. Clark, and A.J. Schlegel. 2001. **Using Livestock Wastewater with SDI**. Proceedings of the 2001 Central Plains Irrigation Short Course, Kearney, NE, February 5-6, 2001. Pp. 97-104.

Rogers, D.H., G.A. Clark, and M. Alam. 2001. **Field Scale Evaluation of Center Pivot Systems**. Proceedings of the 2001 Central Plains Irrigation Short Course, Kearney, NE, February 5-6, 2001. Pp 112-125.

Lamm, F.R., D. H. Rogers and W.E. Spurgeon. 2000. **Design and Management Considerations for SDI Systems**. Proceedings of the Central Plains Irrigation Association. Garden City, KS. Feb. 9-10, 2000. Pp 72-80.

Trooien, T.P., and D.H. Rogers. 2000. **Irrigation Scheduling Demonstration in Western Kansas**. Proceedings of the Central Plains Irrigation Association. Garden City, KS. Feb. 9-10, 2000. Pp 99-103.

Rogers, D.H. and G.A. Clark. 2000. **South Central Kansas Irrigation Management Project**. Proceedings of the Central Plains Irrigation Association. Garden City, KS. Feb. 9-10, 2000. Pp 104-106.

Rogers, D.H. **Evaluating Pumping Plant Efficiency - Using on-Farm Fuel Bills**. 1999. Proceedings of the Central Plains Irrigation Short Course. Sterling, Co. February 9-10, 1999 . pp 101-104.

Alam, M., T.P. Trooien, and D.H. Rogers. 1999. **Irrigation Scheduling Demonstration for Water Conservation in Western Kansas**. Proceedings of the Central Plains Irrigation Short Course. Sterling, Co. February 9-10,1999. pp 72-77.

Alam, M., T.P. Trooien and D.H. Rogers.1999. **Irrigation Scheduling Demonstration for Water Conservation in Western Kansas**. Proceedings of the Central Plains Irrigation Short Course. Sterling, CO. February 9-10, 1999. pp 72-77.

Rogers, D.H. and W.M. Sothers. **Reading Pump and Engine Performance Curves**. Proceedings of the Central Plains Irrigation Short Course. Sterling, CO. February 9-10, 1999. pp 97-100.

Rogers, D.H. and R.D. Black. 1999. **Evaluating Pumping Plant Efficiency - Using On-Farm Fuel Bills**. Proceedings of the Central Plains Irrigation Short Course. Sterling, CO. February 9-10, 1999. pp 101 – 104.

Lamm, F.R., D.H. Rogers and W.E. Spurgeon. 1998. **Design and Management Considerations for Subsurface Drip Irrigation Systems**. Proceedings of the Central Plains Irrigation Short Course. North Platte, NE. February 17-18, 1998. pp 6-12.

Lamm, F.R., W.E. Spurgeon, D.H. Rogers and H.L. Manges. 1998. **KSU Research for Corn Production Using SDI**. Proceedings for the Central Plains Irrigation Short Course. North Platte, NE. February 17-18, 1998. pp 13-21.

O'Brien, D.M., D.H. Rogers, F.R. Lamm, and G.A. Clark. 1998. **Economic Comparison of SDI and Center Pivots for Various Field Sizes**. Proceedings of the Central Plains Irrigation Short Course. North Platte, NE. February 17-18, 1998. pp 27-38.

Rogers, D.H. **The Effects of Conversion on the Pumping Plant**. 1998. Proceedings of the Central Plains Irrigation Short Course. North Platte, NE. February 17-18, 1998. pp 55-69.

Rogers, D.H. 1997. **Irrigation Scheduling Using Evapotranspiration (ET): Example Schedule**. Proceedings of the Central Plains Irrigation Short Course. Colby, Kansas. February 4. pp. 56-64.

Lamm, F.R., D.H. Rogers, and W.E. Spurgeon. 1997. **Design and Management Considerations for Subsurface Drip Irrigation Systems**. Proceedings of the Central Plains Irrigation Short Course. Colby, Kansas. February 4. pp. 65-71.

Lamm, F.R., W.E. Spurgeon, D.H. Rogers, and H.L. Manges. 1997. **KSU Research for Corn Production Using SDI**. Proceedings of the Central Plains Irrigation Short Course. Colby, Kansas. February 4. pp. 72-80.

O'Brien, D.H. Rogers, F.R. Lamm, and G.A. Clark. 1997. **Irrigation System Economics as Affected by Field Size**. Proceedings of the Central Plains Irrigation Short Course. Colby, Kansas. February 4. pp. 81-93.

Rogers, D.H. 1996. **Sprinkler Application and Tillage Practice Effects on Corn Yield**. Proceedings of the Central Plains Irrigation Short Course. Burlington, Colorado. February 6 and 7. pp. 1-12.

O'Brien, D.M., D.H. Rogers, and F.R. Lamm. 1996. **Alternative Irrigation Systems on Small and Irregularly Shaped Fields**. Proceedings of the Central Plains Irrigation Short Course. Burlington, Colorado. February 6 and 7. pp. 74-88.

Rogers, D.H. 1993. **Kansas: State Water Law and Current Issues**. Central Plains Irrigation Shortcourse. Sterling, CO. February 2-3,1993. Pps 53-55.

Rogers, D.H., K.C. Dhuyvetter, M.E. Nelson, and R.F. Meyers. 1992. **Economics of Irrigation**



**Efficiency and System Conversions.** Central Plains Irrigation Short Course. Goodland, Kansas. February 4-5, 1992. Pps. 65-81.

Lamm, F.R., W.E. Spurgeon, H.L. Manges, and D.H. Rogers. 1992. **Drip Irrigation for Corn Production, The Research Approach in Western Kansas.** Central Plains Irrigation Short Course. Goodland, Kansas. February 4-5, 1992. Pps. 87-92.

Rogers, D.H. 1991. **Considerations when Converting from Flood to Pivot Irrigation.** Central Plains Irrigation Short Course. North Platte, Nebraska. February 5-6, 1991. Pps 101-104.

Rogers, D.H. and F.R. Lamm. 1990. **Center Pivot Runoff.** Central Plains Irrigation Short Course. Wray, Colorado. February 5-6, 1990. Pps 29-35.

Rogers, D.H., H.L. Manges, and W.E. Spurgeon. 1990. **Drip Irrigation of Corn in Kansas.** Central Plain Irrigation Short Course. Wray, Colorado. February 5-6, 1990. Pps 92-96.

Rogers, D.H. 1989. **Reasonable Cost Irrigation.** Central Plains Irrigation Short Course. Colby, Kansas. February 13-14, 1989. Pps. 7-11.

Rogers, D.H. 1989. **Concepts of Irrigation Scheduling.** Central Plains Irrigation Short Course. Colby, Kansas. February 13-14, 1989. Pps. 76-81.

### **Other Conference or Workshop Proceedings**

Rogers, D.H. 2007. **Ogallala Aquifer – Where are we going?** 2007. In: Proc. Cover Your Acres Conference, Oberlin, KS. Jan. 23 -24, 2007. Available from NWREC, 105 Experiment Station Road, Colby, KS. pp. 45-49.

Rogers, D.H. 2007. **Corn Irrigation in Kansas.** Requested information report for the Kansas Water Office. 12 pgs.

Rogers, D.H., G.A. Clark, M. Alam, R. Stratton, D. L. Fjell, and S. Briggeman. 2004. **Mobile Irrigation Lab (MIL): Computer Software and Center Pivot Evaluation.** Proceedings of the Bureau of Indians Affairs Tribal Irrigation Workshop. Denver, CO. February 10-12, 2004.

Rogers, D.H., G.A. Clark, M. Alam, R. Stratton, D.L. Fjell, and S. Briggeman. 2003. **Mobile Irrigation Lab (MIL): Computer Software and Center Pivot Uniformity Evaluation.** Proceedings of the FACT Conference. Liberal, KS. January 6-7, 2003.

Rogers, D.H., 2001. **Utilizing Livestock Wastewater for Irrigation; Crop Water Needs.** 2001. Manure Utilization Workshops. December 10-13, 2001. K-State Research & Extension, Kansas Dairy Commission, and KDHE. Pg 15-16.

Rogers, D.H., 2001. **Wastewater Land Application System Options**. Manure Utilization Workshop. December 10-13, 2001. K-State Research & Extension, Kansas Dairy Commission, and KDHE. Pg 17-22.

Rogers, D.H., 2001. **Utilizing Livestock Wastewater in Subsurface Drip Irrigation (SDI)**. Manure Utilization Workshop. December 10-13, 2001. K-State Research & Extension, Kansas Dairy Commission, and KDHE.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A.J. Schegel. 1999. **Testing Subsurface Drip Irrigation Laterals with Lagoon Wastewater**. Proceedings of the Water and the Future of Kansas Conference. Manhattan, KS. March 2, 1999. pp 28-30.

Lamm, F.R., D.H. Rogers, and G.A. Clark. 1996. **Irrigation Scheduling of Corn: Macromanagement**. Proceedings of the International Conference on Evapotranspiration and Irrigation Scheduling. San Antonio, TX. November 3-6. pp 741-748.

Lamm, R.R., W.E., Spurgeon, D.H. Rogers, and H.L. Manges. 1995. **Corn Production Using Subsurface Drip Irrigation**. In proceedings of the Fifth International Microirrigation Congress, Orlando FL, Apr 2-6, 1995. pp. 388-394.

Dhuyvetter, K.C., F.R. Lamm, and D.H. Rogers. 1995. **Subsurface Drip Irrigation (SDI) for Field Corn--An Economic Analysis**. In proceedings of the Fifth International Microirrigation Congress, Orlando FL, Apr 2-6, 1995. pp. 395-401.

Spurgeon, W.E., D.H. Rogers and W.M. Sothers. 1994. **Sprinkler Package Option Effects on Runoff - General Guidelines**. Proceedings of the Southwest Kansas Irrigation Association Annual Membership Meeting. Ulysses, Kansas. January 25.

Nelson, M.E., F.R. Lamm, and D.H. Rogers. 1994. **An Economic View of Resource Allocation for Corn**. Proceedings of the Southwest Kansas Irrigation Association Annual Membership Meeting. Ulysses, Kansas. January 25.

Rogers, D.H. 1993. **Reading Pump and Engine Performance Curves**. Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 30, 1993. 7 pps.

Rogers, D.H. 1993. **Using On-farm Fuel Bills to check Pumping Plant Efficiency**. Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 30, 1993. 6 pps.

Rogers, D.H. 1993. **Using Water Measurements as a Management Tool**. Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 30, 1993. 7 pps.

Rogers, D.H., L.K. Shaw, and W.E. Spurgeon. 1993. **Soil Water and Yield Distribution of Surface Irrigated Corn in Southwest Kansas.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 30, 1993. 20 pps.

Rogers, D.H. 1992. **Irrigation Acreage Trends and Water Usage.** Water and the Future of Kansas Conference. Manhattan, Kansas. March 4-5, 1992. Pps 22-23.

Rogers, D.H., L.K. Shaw, and W.E. Spurgeon. 1992. **Flood Irrigated Corn Farmer Field Demonstration in Southwest Kansas.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 25, 1992. 14 pps.

Rogers, D.H. 1991. **Irrigation Fuel Cost Evaluation.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 26, 1991. 7 pps.

Rogers, D.H. 1990. **LEPA Conversion Cost Considerations.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 27, 1990. 5 pps.

Rogers, D.H. 1989. **Chemigation.** Non-Point Source Pollution Management Training: Nutrients and Pesticides for Crop Production Agriculture Proceedings, Kansas State University Cooperative Extension Service and USDA Soil Conservation Service. Manhattan, Kansas. 16 pps.

Rogers, D.H., 1989. **Reasonable Cost Irrigation.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 28, 1989. 5 pps.

Rogers, D.H., 1989. **Comparing Energy Sources for Irrigation.** Proceedings of the Southwest Kansas Irrigation Association Annual Meeting. Ulysses, Kansas. January 28, 1989. 4 pps.

Rogers, D.H. 1988. **A Comparison of Irrigation Systems for Fruit Production.** Drip Irrigation Workshop Proceedings, Manhattan, Kansas. Pps 1-6.

Rogers, D.H. 1988. **Kansas Chemigation Regulations.** Drip Irrigation Workshop Proceedings. Manhattan, Kansas. Pps 26-32.

Rogers, D.H. 1984. **The Kansas Water Plan. Summary of Presentation.** Proceedings of the Eleventh Annual Conference. Groundwater Management Districts Association. San Antonio, Texas. December 5-7, 1984. Pps 45-46.

Rogers, D.H. 1984. **Reducing Irrigation Fuel Requirements Through Pumping Plant Efficiency and Water Management.** Proceedings of the Kansas Irrigation Workshop. KSU Cooperative Extension Service. March 1-2, 1984. Pps 1-6.

Rogers, D.H. 1983. **Save with Pump Testing and Metering.** Proceedings of the Kansas Irrigation Workshop. KSU Cooperative Extension Service. Feb. 21-23, 1983. Pps 109-115.

Rogers, D.H. 1981. **Irrigation and Energy.** Proceedings of the 31<sup>st</sup> Annual Meeting of the Four States Irrigation Council. Colorado Springs, CO. January 13-14, 1981. pps. 20-22.

Rogers, D.H. 1982. **Minimum Irrigation - A Crop Production Alternative.** Proceedings of Kansas Irrigation Workshop. Cooperative Extension Service, Kansas State University, Manhattan. February 8-9.

Rogers, D.H. 1981. **Irrigation Scheduling Using Predicted Crop Water Use.** Proceedings of the Kansas Irrigation Workshop. Cooperative Extension Service, Kansas State University, Manhattan, Kansas. February 23-24, 1981. pps. 13-21.

Rogers, D.H. and J.G. Thomas. **1981. Irrigation System Efficiency.** Proceedings of Corn-Soybean Field Day Report. Kansas River Valley Experiment Field, Kansas State University, Rossville, Kansas. July 29, 1981. pps. 18-22.

Rogers, D.H. 1978. **Water Measurement - A Step Towards Better Irrigation Efficiencies.** Proceedings of the Kansas Irrigation Workshop. Cooperative Extension Service, Kansas State University, Manhattan. February 22-23, 1978. pps. 57-66.

### **Other Reports and Publications**

Klocke, N.L., D.H. Rogers, T. Dumler, L.R. Stone, N. Kenny, and D.O. Porter. 2011. **Training and user feedback, testing, economic impact, and revisions of the Crop Water Allocator and Crop Yield Predictor models.** Final Report for Ogallala Aquifer Project (OAP web site). 5 p.

Rogers, D.H., L.K. Shaw, and D.O. Porter. 2011. **Field Evaluation of Center Pivot Nozzle Package Application Intensity.** Final Report for Ogallala Aquifer Project (OAP web site). 14 p.

Rogers, D.H., L.K. Shaw, S.R. Pragada, M. Alam and D.O. Porter. 2011. **Performance evaluation of pressure regulated in-canopy center pivot nozzle packages.** Final Report for Ogallala Aquifer Project (OAP web site). 13 p.

Rogers, D.H. 2011. **Irrigation Capacity for Drought Conditions.** Provided to Extension Agronomy and Extension News for Agronomy Newsletter and News Release

Alam, M., D.H. Rogers, and L.K. Shaw. 2009. **A survey of center pivot sprinkler packages and characteristics in Kansas.** Southwest Research-Extension Center Field Day 2009. Report of Progress 1014. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. pp. 44-83.

Alam, M., D.H. Rogers, G.A. Clark, and L.K. Shaw. 2007. **Mobile Irrigation Lab Project: KanSched2**. Southwest Research-Extension Center Field Day 2007. Report of Progress 980. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. pp. 38-41.

Lamm, F.R., D.H. Rogers. 2002. **Minimal System Requirements for SDI**. K-State Research and Extension.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A.J. Schlegel. 2000. **Two Years of Subsurface Drip Irrigation with Lagoon Wastewater**. 2000. Report of Progress 856. Field Day 2000. pp 21-23.

Clark, G.A., E. Dogan, V.L. Martin, D.H. Rogers, and R. Stratton. 2000. **Uniformity of Low Drift Nozzle Irrigation**. Report of Progress 854. Field Research 2000. pp. 114-118.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark and A.J. Schlegel. **Using Livestock Wastewater with SDI. IBID**. Pp 80-89.

Clark, G.A., E. Dogan, V.L. Martin, D.H. Rogers, and R. Stratton. 2000. **Variable Irrigation Rates and Crop Yield**. Report of Progress 854. Field Research 2000. Pp. 119-124.

Alam, M., T.P. Trooien and D.H. Rogers. **Field Application of ET-Based Irrigation Scheduling in Western Kansas**. Report of Progress 837. Field Day 1999. pp 22-24.

Rogers, D.H and M. Alam. 1999. **Sustaining Irrigation in Kansas**. Irrigation Journal. November/December 1999. Vol. 49, No. 7. pp 8-9.

Trooien, T.P., F.R. Lamm, L.R. Stone, M. Alam, D.H. Rogers, G.A. Clark, and A.J. Schlegel. 1999. **Testing Subsurface Drip-Irrigation Laterals with Lagoon Wastewater**. Report of Progress 837. Field Day 1999. pp 19-21.

Clark, G.A., D.H. Rogers, V.L. Martin, R. Stratton, and D.L. Fjell. 1999. **Uniformity of Low Drift Nozzle Irrigation**. Report of Progress 835. Field Research 1999. pp. 116-119.

Clark, G.A., D.H. Rogers, V.L. Martin, R. Stratton, and D.L. Fjell. 1999. **Variable Irrigation Rates and Crop Yield**. Field Research 1999. pp. 120-124.

Rogers, D.H., J. Waters, J.M. Willingham. 1999. **Kansas Home\*A\*Syst**. pp 1 -116.

Stone, L.R., O.H. Buller, A.J. Schlegel, M.C. Knapp, J-I. Perng, A.H. Khan, H.L. Manges, and D.H. Rogers. 1995. **Description and Use of Kansas Water Budget v. T1 Software**. Resource Manual. December.

Rogers, D.H. and G.M. Powell. 1995. **Protecting Groundwater**. Irrigation Journal. Volume 45 (5). pp 20-21.

Manges, H.L., P.L. Barnes, and D.H. Rogers. 1995. **Subsurface Drainlines in Tailwater Reuse Systems.** Irrigation Journal. January/February.

Lamm, F.R., M.E. Nelson, and D. H. Rogers. 1993. **Resource Allocation in Corn Production with Water Resource Constraints.** Report of Progress 688. Field Research 1993. pp. 47-52.

Lamm, F.R. and D.H. Rogers. 1993. **Efficient Irrigation Design: The Impact of Deficit Irrigation on Corn.** Irrigation Journal Vol 43 (2). March 1993.

Lamm, F.R., W.E. Spurgeon, H.L. Manges, and D.H. Rogers. 1993. **Using Drip Irrigation for a Nontraditional Crop.** Arab Water World. March/June.

Lamm, F.R., W.E. Spurgeon, H.L. Manges, and D.H. Rogers. 1992. **la A Promising Prospect.** Irrigation Journal. Vol 42 (2). March.

Rogers, D.H. 1991. **In-Season Sprinkler Irrigation System Maintenance.** AgriBusiness Worldwide. May/June.

Lamm, F.R., W.E. Spurgeon, H.L. Manges and D.H. Rogers, 1991. **Drip Irrigation for Corn Production.** Presentation at Irrigation Association International Exposition held at San Antonio, Texas, November 10, 1991.

Lamm, F.R. and D.H. Rogers. 1987. **Irrigation Scheduling of Corn with Evapotranspiration Reports.** 1987 Agricultural Research Report of Progress 521. Kansas State University, Manhattan, Kansas. pp. 28-31.

Lamm, F.R. and D.H. Rogers. 1987. **Irrigation Scheduling of Soybeans with Evapotranspiration Reports.** 1987 Agricultural Research Report of Progress 521. Kansas State University, Manhattan, Kansas. pp. 32-33.

Lamm, F.R. and D.H. Rogers. 1987. **Irrigation Scheduling of Sunflowers with Evapotranspiration Reports.** 1987 Agricultural Research Report of Progress 521. Kansas State University, Manhattan, Kansas. pp. 34-35.

Lamm, F.R. and D.H. Rogers. 1986. **Furrow Damming for Grain Sorghum Production.** 1986 Agricultural Research Report of Progress 502. Kansas State University, Manhattan, Kansas. pp. 29-32.

Lamm, F.R. and D.H. Rogers. 1986. **Irrigation Scheduling of Grain Sorghum and Soybeans with Evapotranspiration Reports.** 1986 Agricultural Research Report of Progress 502. Kansas State University, Manhattan, Kansas. pp. 35-38.

Lamm, F.R. and D.H. Rogers. 1985. **Irrigation Scheduling of Corn, Grain Sorghum and Soybeans with Evapotranspiration Reports.** 1985 Agricultural Research Report of Progress 476. Kansas State University, Manhattan, Kansas. pp.31-34.

Lamm, F.R. and D.H. Rogers. 1985. **Furrow Damming for Grain Sorghum Production.** 1985 Agricultural Research Report of Progress 476. Kansas State University, Manhattan, Kansas. pp 42-44.

Lamm, F.R. and D.H. Rogers. 1984. **Irrigation Scheduling of Corn, Grain Sorghum and Soybeans with Evapotranspiration Reports.** 1984 Agricultural Research Report of Progress 454. Kansas State University, Manhattan, Kansas. pp. 35-36.

Lamm, F.R. and D.H. Rogers. 1983. **Irrigation Scheduling of Corn, Grain Sorghum and Soybeans with Evapotranspiration Reports.** 1983 Agricultural Research Report of Progress 435. Kansas State University, Manhattan, Kansas.

Black, R.D., D.H. Rogers and J.G. Thomas. 1983. **Who Will Control Our Water Supply; Chapter 2, Will There Be Enough?** Cooperative Extension Service, Kansas State University, Manhattan, Kansas. C-653.

Rogers, D.H. and R.P. Luhman. 1981. **Final Report for Project Water Cup, 1978, 1979, 1980, and 1981.** Summary of Data for a Water Conservation and Utilization Project for Northwest Kansas. Northwest Kansas Groundwater Management District, Colby, Kansas.

Rogers, D.H. and R.P. Luhman. 1981. **Annual Report of Progress for Project Water Cup.** Summary of data for a water conservation and utilization demonstration project for Northwest Kansas. Northwest Kansas Groundwater Management District #4, Colby, Kansas.

Rogers, D.H. 1980. **Review of an Irrigation Demonstration Program: Project Water Cup.** Proceedings of the Kansas Irrigation Workshop. Cooperative Extension Service, Kansas State University, Manhattan, Kansas. February 19-20, 1980. pps. 57-71.

Rogers, D.H. and R.P. Luhman. 1980. **Annual Report of Progress for Project Water Cup.** Summary of data for a water conservation and utilization demonstration project in Northwest Kansas. Northwest Kansas Groundwater Management District #4, Colby, Kansas.

Rogers, D.H. and R.P. Luhman. 1979. **Annual Report for Progress for Project Water Cup.** Summary of data for a water conservation and utilization demonstration project in Northwest Kansas. Northwest Kansas Groundwater Management District #4, Colby, Kansas.

Rogers, D.H. 1978. **Annual Report of Progress for Project Water Cup.** Summary of data for a water conservation and utilization demonstration project in Northwest Kansas. Northwest Kansas Groundwater Management District #4, Colby, Kansas.

## **Computer Software**

Rogers, D.H. and S. Briggeman. 2011. **Quiz Master Version 1.2.1.** Mobile Irrigation Lab Project. Kansas State University Research and Extension. Electronic File Only. Available at <http://mobileirrigationlab.com>

Rogers, D.H., G.A. Clark, M. Alam, and S. Briggeman. 2009. **KanSched2: version 2.1.9.4**. Mobile Irrigation Lab Project. Kansas State University Research and Extension. Electronic File Only. Available at <http://mobileirrigationlab.com>

Rogers, D. H., S. Briggeman and G.A. Clark. 2002. **FuelCost**. Mobile Irrigation Lab Project. Kansas State University Research and Extension. Electronic File Only. Available at <http://mobileirrigationlab.com>

Clark, G.A., D.H. Rogers, and S. Briggeman. 1995. **KanSched: A Water Management and Irrigation Scheduling Program for Summer Crops** . Mobile Irrigation Lab Project. Kansas State University Research and Extension. Electronic File Only. Available at <http://mobileirrigationlab.com>