

PUBLICATION LIST

Steven C. Fransen

Refereed Journal Articles:

1. C.S. Cooper and S.C. Fransen. 1974. Contribution of cotyledons to growth of the sainfoin seedling. *Crop Sci.* 14:432-435.
2. Fransen, S.C. and C.S. Cooper. 1976. Seed weight effects upon emergence, leaf development, and growth of the sainfoin seedling. *Crop Sci.* 16: 434-437.
3. Fairbanks, G.F., S.C. Fransen, and M.D. Schrock. 1981. Machine made stacks compared with round bales. *Trans. Am. Soc. Agric. Eng.* 24:281-283.
4. Elgin, Jr., J.H., D.K. Barnes, T.H. Busbice, G.R. Buss, N.A. Clark, R.W. Cleveland, R.L. Ditterline, D.W. Evans, S.C. Fransen, R.D. Horrocks, O.J. Hunt, W.R. Kehr, C.C. Lowe, D.A. Miller, M.S. Offutt, R.C. Pickett, E.L. Sorensen, C.M. Taliaferro, M.B. Tesar, and R.W. Van Keuren. 1981. Anthracnose resistance increases alfalfa yields. *Crop Sci.* 21:457-460.
5. Valdez, F.R., J.H. Harrison and S.C. Fransen. 1988. In vivo digestibility of corn-sunflower silage. *J. Dairy Sci.* 71:1860-1867.
6. Valdez, F.R., J.H. Harrison and S.C. Fransen. 1988. Effect of feeding corn-sunflower silage on milk production and rumen fermentation of lactating dairy cows. *J. Dairy Sci.* 71:2462-2469.
7. Long, J.S. and S.C. Fransen. 1988. SNickers Retrospective Workshop evaluation. *J. Ext.* pp 30.
8. Gay, C.C., S. C. Fransen, J. Richards and S. Holler. 1993. Hypochoeris-associated stringholt in North America. *Equine Veterinary J.* 25: 456-457.
9. Sullivan, D.M., S.C. Fransen, C.G. Cogger and A.I. Bary. 1997. Biosolids and dairy manure as nitrogen sources for prairiegrass on a poorly drained soil. *J. Prod. Agric.* 10:589-596.
10. Sullivan, D.M., S.C. Fransen, A.I. Bary, and C.G. Cogger. 1998. Fertilizer nitrogen replacement value of food residuals composted with yard trimmings, paper or wood wastes. *Compost Sci. and Util.* 6(1): 6-18.
11. Fransen, S.C. and F.J. Strubi. 1998. Relationships among absorbents on the reduction of grass silage effluent and silage quality. *J. Dairy Sci.* 81:263-2644.
12. Cogger, C.G., D.M. Sullivan, A.I. Bary, and S.C. Fransen. 1999. Nitrogen recovery from heat-dried biosolids applied to forage grasses. *J. Enviro. Qual.* 28:754-759.
13. Sullivan, D.M., C.G. Cogger, A.I. Bary, and S. C. Fransen. 2000. Timing of dairy manure applications to perennial grass on well-drained and poorly drained soils. *J. Soil and Water Cons.* 55:147-152.
14. Bary, A.I., D.M. Sullivan, S. C. Fransen, and C. G Cogger. 2001. Supercow: A liquid manure applicator for small plot research. *Agron. J.* 93:1344-1345.
15. Cogger, C.G., A.I. Bary, S.C Fransen and D.M. Sullivan. 2001. Seven years of biosolids vs inorganic nitrogen applied to tall fescue. *J. Env. Qual.* 30:2188-2194.
16. Sullivan, D.M., A.I. Bary, D.R. Thomas, S.C. Fransen and C.G. Cogger. 2002. Food waste compost effects on fertilizer N efficiency, available N and tall fescue yield. *Soil Sci.* 66:154-161.

17. Sullivan, D.M, A.I. Bary, T.J. Nartea, E.A. Myrhe, C.G. Cogger and S.C. Fransen. 2003. Nitrogen availability seven years after a high-rate food waste compost application. *Compost Sci. and Util.* 11(3):265-275.
18. Boydston, R.A., H.P. Collins, and S.C. Fransen. 2010. Response to three switchgrass cultivars to Mesotrione, Quinclorac, and Pendimethalin. *Weed Tech.* 24:336-341.
19. Collins, H.P., J. L. Smith, S.C. Fransen, A. Alva, C.E. Kruger, and D.M. Granststein. 2010. Carbon sequestration under irrigated switchgrass production. *Soil Sci.* 74:2049-2058.
20. Collins, H., J. Streubel, A. Alva, C.S. Frear, S. Chen, S.C. Fransen, C.E. Kruger, and D.M. Granatstein. 2011. Greenhouse gas emissions from an irrigated silt loam soil amended with anaerobic digested dairy manure. *Soil Sci.* 75:2206-2216.

Extension and Experiment Station Bulletins:

1. Barnett, F.L., G.L. Polser and S.C. Fransen. 1978. Performance of cool-season perennial grasses in eastern Kansas. *Kansas Agricultural Exp. Station Bull.* 623.
2. Posler, G.L, and S. C Fransen. 1978. Interseeding legumes into cool-season grasses. *Kansas Agricultural Exp. Station. Keeping up with Research.* 40.
3. Peaden, R.N., W.P. Ford, D.W. Evans, and S.C. Fransen. 1984. Vernema alfalfa. *Washington State University Cooperative Ext.* EB 1301.
4. Peterson, P.W., W.J. Moldovan, K.J. Morrison, S.C. Fransen, and C.B. Kelsey. 1984. Pasture management guide for northeast Washington. *Washington State University Cooperative Ext.* EB 1297.
5. Betts, C.P, G.S. Willett and S. C. Fransen. 1985. 1985086 costs of producing western Washington diary forage crops. *Washington State University Cooperative Ext.* EB 1361.
6. Brauen, S. and S. Fransen. 1987. Management, longevity, and yield of alfalfa varieties at WWREC, 1981-1985. *Washington State University Exp. Bull.* 0987.
7. Parker, R., D. Evans, K. Morrison, R. Stevens, T. Ley, and S. Fransen. 1988. Growing sudangrass and sorghum-sudangrass crosses in Washington. *Washington State University Cooperative Ext. Bull.* EB 1507.
8. Hart, J., L. Cannon, Gl. Pirelli, and S. Fransen. 1993. Fertilization guide for western Oregon and western Washington pastures. *Oregon State University Ext.* FG-63.
9. Hart, J., G. Pirelli and S. Fransen. 1996. Fertilizer guide for pastures in western Oregon and Washington. *Oregon State University Ext.* FG-63 revised.
10. Cogger, C., D. Havens, S. Fransen, J. Luna, W. Anderson, and S. Kuo. 1997. Cover crops for home gardens in western Washington and Oregon. *Washington State University Cooperative Ext. Bull.* EB 1824.
11. Hannaway, D., S. Fransen, J. Cropper, M. Teel, M. Chaney, T. Griggs, R. Halse, J. Hart, P. Cheeke, D. Hansen, R. Klinger, and W. Lane. 1999. Annual Ryegrass. *PNW Bull.* 501.
12. Hannaway, D., S. Fransen, J. Cropper, M. Teel, M. Chaney, T. Griggs, R. Halse, J. Hart, P. Cheeke, D. Hansen, R. Klinger, and W. Lane. 1999. Orchardgrass. *PNW Bull.* 502.

13. Hannaway, D., S. Fransen, J. Cropper, M. Teel, M. Chaney, T. Griggs, R. Halse, J. Hart, P. Cheeke, D. Hansen, R. Klinger, and W. Lane. 1999. Perennial Ryegrass. PNW Bull. 503.
14. Hannaway, D., S. Fransen, J. Cropper, M. Teel, M. Chaney, T. Griggs, R. Halse, J. Hart, P. Cheeke, D. Hansen, R. Klinger, and W. Lane. 1999. Tall Fescue. PNW Bull. 504.
15. Fransen, S. C. and M. Hackett. 2001. Haymaking in Western Washington. Washington State University Cooperative Ext. Bull. EB1897.
16. Fransen, S.C. and M. Chaney. 2002. Pasture and Hayland Renovation for Western Washington and Oregon. Washington State University Cooperative Ex. Bull. EB 1870.
17. Fransen, S.C., and T. Hudson. 2005. Timothy Hay. Washington State University Cooperative Ext. Bull. EM 4919E.
18. Fransen, S.C. and R. Stevens. 2005. Oat hay and straw. Washington State University Cooperative Ext. Bull EM 4918E.
19. Koenig, R.T., D. Horneck., T.E. Platt, P.J. Petersen, R.G Stevens, S.C. Fransen, and B. Brown. 2009. Nutrient management guide for dryland and irrigated alfalfa in inland northwest. Washington State University, PNW Bull. 0611, 16 pp.

Technical:

1. Fransen, S.C. 1975. The effect of seed weight on photosynthetic area, development, and weight of the sainfoin seedling. M.S. Thesis. Montana State University.
2. Fransen, S.C., K.W. Kelley, and F.W. Boren. 1976. Plant and Soil Science Research Results, 1974-1975. Kansas State University Exp. Station. Report of Progress 274.
3. Kelley, K.W. and S.C Fransen. 1977. Plant and Soil Science Research Results, 1975-1976. Kansas State University Exp. Station. Report of Progress 296.
4. Fransen, S.C. 1978. Results of research with forage crops. Kansas State University Exp. Station. Report of Progress 331.
5. Vigil, F.R., T.S. Chisholm, R.C. Shane, S.C. Fransen and L.B. Embry. 1981. A comparison of native, native-interseeded range and a tame pasture series for growing beef cattle in the Northern Great Plains. In Summary of papers, XIV. International Grassland Congress, Lexington, KY.
6. Fransen, S.C. 1982. Evaluation of pasture systems and grain levels for growing beef cattle with prediction equations for estimating animal performance. PhD. Dissertation. South Dakota State University.
7. Vigil, F.R., R.C. Shane, S.C. Fransen, and D.G. Huber. 1984. Native, interseeded-native and tame pastures: Management choices. South Dakota State University Exp. Station. Technical Bull. 685.
8. Harrison, J.H., F. Valdez and S. Fransen. 1987. Corn-sunflower silage: A high energy alternative. Washington State University Dairy Research. 4:8.
9. Fransen, S.C. 1988. Agronomy of PNW Forages. 1. Corn and Sunflower Relationships. Washington State University Dairy Research. 5:3.
10. Fransen, S.C. 1988. Agronomy of PNW Forages. 2. Nitrogen – Avid Ally and Formidable Foe. Washington State University Dairy Research. 5:4.

11. Fransen, S.C. 1990 Agronomy of PNW Forages. 3. Early and late corn silage quality. 7:1.
12. Fransen, S.C. 1996. Selecting a corn hybrid for 1996. *The Progressive Dairyman*. 10(4).
13. Fransen, S.C. 1997. Selecting a corn silage hybrid for 1997 – what did we learn from the 1996 growing season? *The Progressive Dairyman*. 11(3): 19-22.
14. Fransen, S.C. 1997. Can a PNW dairyman win the '97 Forage Superbowl'? *The Progressive Dairyman*. 11(7).
15. Fransen, S.C. and T.C. Griggs. 1998. Grass tillers – Do they count? *The Progressive Dairyman*. 12(4):23-24.
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17. Fransen, S.C. and C.G. Cogger. 1999. The Cup Runneth Over. *The Progressive Dairyman*. 13(3): 23-24.
18. Fransen, S.C. and D. Spellman. 1999. Silage corn results from an El Nino year. *The Progressive Dairyman* 13(2):22-24.
19. Fransen, S.C. 2000. Proper stubble height for forage grasses. *Agon. Pacific Dairy Leader*, Abbotsford, B.C. Canada pgs. 44-45.
20. Fransen, S., S. Smith and J. Smith. 2001. Managing irrigated pastures and grass hayland. *Washington State University Cooperative Ext. EM 4915*.
21. Fransen, S., S.M. Smith and J. Smith. 2002. Managing irrigated pastures and grass hayland. In *Cow-Calf Management Guide and Cattle Production Lib. 112 States Notebook. Third Edition*.
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23. Collins, H.P., S.C. Fransen, and A. Hang. 2006. Biofuel feedstocks in Washington. *Sustaining the Pacific Northwest – Food, Farm and Natural Resource Systems*. 4:31-34.
24. Collins, H.P., R.A. Boydston, S.C. Fransen and A.N. Hang. 2007. Biofuel feedstocks in Washington – Part 11. Switchgrass Production in Washington. *Sustaining the Pacific Northwest – Food, Farm and Natural Resource Systems*. 5(1) pp 9-12. <http://csanr.wsu.edu/whatnews/SPNW-v5-n1.pdf>.

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1. Harrison, J.H. and S.C. Fransen. 1991. Silage Management in North America. *NFIA*. Pg.33-67.
2. Fransen, S.C. 2003. Ryegrass. *McGraw-Hill Yearbook of Science and Technology*. Pg. 366-367.
3. Panciera, M.T., W.E. Kunkle and S.C. Fransen. 2003. Chapter 17. Minor Silage Crops. *Silage Science and Technology. Agron. Mono. 42*. Pg. 781-823.
4. Fransen, S., T. Griggs. 2010. Growth, Development, and defoliation responses of pasture plants. *Pasture and Grazing Management in the Northwest. PNW 614*. Chapter 5. Pg. 41-52.
5. Shewmaker, G.E., B. Gillaspay, S.C. Fransen, T. Griggs, and L. Hooper. 2010. Estimating forage production, monitoring, and evaluating the grazing system. *Pasture and Grazing Management in the Northwest. Chapter 16. PNW 614*. Pg. 161-176.

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