

CURRICULUM VITAE

Steven C. Fransen

Date of Initial Appointment at WSU - July 1, 1983

Promoted to Associate Agronomist and E3 Extension Agronomist -July 1, 1989

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PERSONAL DATA:

Born on May 12, 1951 - raised on a dryland small-grain farm in north central Montana. Married, 2 grown children.

EDUCATION:

1973 - B.S. in Agronomy from Montana State University
1975 - M.S. in Agronomy from Montana State University
1982 - Ph.D. in Agronomy from South Dakota State University

PROFESSIONAL EXPERIENCE:

January, 2001 To Present Forage research agronomist (60%) and Extension specialist (40%), Department of Crop and Soil Science, Washington State University, Prosser. Principle investigator of research project WNP00689.

Current research studies focused on annual and perennial warm-season grasses for biofuel/bioenergy and forage. Studies focused on water use efficiency, fertility, variety adaptability, hay making and intercropping into hybrid poplar trees. Currently a member of two regional based biofuel projects: SERA 38 and WERA 1016. Project director for two USDA grant funded biofuel studies.

July, 1983 to December 2000 Forage research agronomist (60%) and Extension specialist (40%), Department of Crop and Soil Science, Washington State University, Puyallup. Principle investigator of research project WNP00689.

Studies include yield and quality of Italian and perennial ryegrass cultivars over five seasonal harvests. Differences in yield and quality of turf and forage type tall fescue with intensive harvest management. Genotype yield evaluation of early, intermediate and late maturing perennial ryegrass. Genotype evaluation of Italian ryegrass, tall fescue, orchardgrass and hybrid corn. Silage effluent and quality of

direct cut and wilted grass silage mixed with absorbents. Silage effluent and quality of corn plant components. Nitrate reduction of ensiled perennial grass grown with various rates of nitrogen. Evaluation of bamboo for yield, quality and silage fermentation patterns. Cooperative research studies include management of Westerwold and Italian ryegrass for yield and winter survival and forage chicory (OSU). On-farm hybrid silage corn evaluation trial.

Extension leader for Forage Production Project 002, 1983-1987. All programs were reorganized in 1988 into team oriented projects rather than by commodity. Leader for Washington forage agent training in 1985 and 1987. Leader for PNW forage agent training in 1989, 1992, and 1996 (faculty from AB, BC, CA, ID, OR, MT, NV, and WA). I support county and statewide educational programs with 24 to 36 presentations annually. Have cooperated with various WSU county faculty on many different research/demonstration projects. Member of WSU Dairy Team and WSU Small Farms Team. Member of Washington State Department of Agriculture Fertilizer Advisory Committee, 1997 to present. Currently, cooperator developing a western Washington and Oregon Pasture calendar. Currently, judge and educator for the Evergreen State Fair; 1990 to present (Monroe, WA) and Central Oregon Hay and Forage Growers Assoc.; 1997 to present (Redmond, OR) grass, alfalfa, cereal grain, and grass seed straw hay contests. Guest lecturer in the undergraduate forage crops classes at WSU and OSU.

August, 1982 to
June, 1983

Assistant Professor of Agriculture (100% teaching), Fort Hays State University, Hays, KS. Taught three undergraduate courses; economic plant science and economic plant science laboratories, pasture and forage crops, and grain grading and seed analysis. Taught three graduate courses; weed science and weed science laboratory, crop improvement, and cereal, fiber and oil crops. Advisor for about 40 undergraduate and two graduate students.

June, 1978 to
July, 1982

Graduate Research Assistant in Forage Management, South Dakota State University, Brookings, SD. Major Professors: Drs. F. R. Vigil and J. G. Ross, Agronomy. Minor Professors: Dr. L. B. Embry, Animal Science, and Dr. D. J. Holden, Biochemistry. Thesis on evaluation of steer performance on native range interseeded with alfalfa and tame grasses. Developed prediction equations for steer gains utilizing animal and forage quality parameters. Taught introductory crop production and forage crop laboratories, three and one semesters, respectively.

July, 1975 to
June, 1978

Forage Project Leader, Kansas State University, Southeast Kansas Branch Experiment Station, Parsons, KS. Studies included interseeding legumes into tall fescue, management of warm season native ranges, hay storage methods, grazing experiments, sorghum evaluation and others. Participated in team research with animal nutritionists (both beef and dairy) and the other station agronomist. Worked

in close association with county agents and the area agronomist. Findings reported at Station Field Days, through radio programs and station reports.

January, 1974 to
July, 1975

Graduate Research Assistant in Forage Management, Montana State University, Bozeman, MT. Major Professor: Dr. C. S. Cooper, Agronomy. Worked on projects including specific cotyledon area of sainfoin, growth analysis, photosynthesis of alfalfa and sainfoin, simulated pasture management experiments and hay mixtures, including stockpiling. Taught forage crop laboratories, two quarters.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:

American Society of Agronomy
Crop Science Society of America
Society of Range Management (Life Member)
Dairy Science Society