

Faculty Vitae

Name: Stewart R. Duncan

Highest Degree: Ph.D. from Kansas State University received 1991

Date of Appointment: April 1991

Rank: Associate Professor

Budgeted Time (Tenths):

Research- Extension-	1.0	Teaching- Directed Service-
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Program Area: Cropping Systems

Significant Accomplishments 1993 to Present:

Developed a string of grain sorghum, soybean and sunflower cropping practice applied research and demonstration plots across the area emphasizing planting dates, crop maturity and populations with tillage systems imposed whenever possible.

Developed a fertility program for smooth brome grass based on fertility research across the SC Area.

Have been instrumental in developing a cotton production program for Kansas.

Goals for the Next Five Years:

Develop Cotton Production program past Variety Testing.

Develop entire cotton industry, including cottonseed processing and use.

Continue spread of cropping systems demonstration and research farms into half of the counties I service.

Publications:

Referee Journal Articles and Chapters	Since 1993	3	Total	5
Numbered Extension Publications	Since 1993	2	Total	5
Proceedings Papers	Since 1993	--	Total	--

Most Significant Publications Since 1993:

Duncan, S.R. and W.T. Schapaugh, Jr. 1997. Relay-intercropped soybean in different water regimes, planting patterns and winter wheat cultivars. *J. Prod. Agric.* 10(1):123-129.

Wesley, T.L., R.E. Lamond, V.L. Martin, and S.R. Duncan. 1998. Effects of late-season nitrogen fertilizer on irrigated soybean yield and composition. *J. Prod Agric.* 11(3): 331-336.

Devlin, D.L., D.L. Fjell, J.P. Shroyer, W.B. Gordon, B.H. Marsh, L.D. Maddux, V.L. Martin, and S.R. Duncan. 1995. Row spacing and seeding rates for soybean in low and high yielding environments. *J. Prod. Agric.* 8:215-222.

Graduate Student Involvement:

Students Graduated Since 1993	M.S.	--	Ph.D.	--
Current Students	M.S.	--	Ph.D.	--
Current Member of Advisory Committee	M.S.	--	Ph.D.	--

Grant Activity:

Most Common Sources of Extramural Support (ex. NSF, Sorghum Commission, NRI, Industry, Variety Performance):

High Plains Sunflower Growers and National Sunflower Assn.

Kansas Soybean and Grain Sorghum Commissions

National Crop Insurance Services

Private Industry sources

Proposals Submitted Since January 1, 1997:	Number	5	\$ 38,000
Funded	Number	3	\$ 17,000

Current dollars (grant or contract) available to support your work \$4,500

Most Significant Funded Projects Since 1993:

Effects of planting date, hybrid maturity and head moth control on sunflower yields in the central Kansas corridor.

Effects of planting date, hybrid maturity and row spacing on grain sorghum yields in extreme south central Kansas.

Effects of planting date, maturity group and row spacing on soybean yields in extreme south central Kansas.

Teaching:

Courses Taught:

Course Number	Title	Most Recent Enrollment
N/A		

Number of Undergraduate Research Assistants: N/A

Number of Undergraduate Advisees: N/A

Service Activities:

Member of Hutchinson First Church of the Nazarene, Hutchinson, KS.

Hutchinson/Reno County Chamber of Commerce and Agriculture Committee member.

Plant Science project leader for Union Valley 4-H club.

Blue Spruce Homeowners Assn. Board member