

**2022 INPUT COST SURVEY
IN KANSAS**

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Sources of the Input Cost Survey

The Land Use Survey Office (LUSO) in the Department of Agricultural Economics at Kansas State University (KSU) conducts one survey each year directly related to the Land Use Value Project. There are four surveys rotated by the LUSO: irrigated farm leases, non-irrigated farm leases, pasture leases, and input costs. During 2022, the LUSO in collaboration with Kansas Department of Revenue conducted the Input Cost Survey (ICS) to gather data on production costs in the 2021-2022 crop year. Survey invitations were sent to individuals, cooperatives, local agribusinesses, etc. Responses were received from each of the nine crop-reporting districts (CRD). The National Agricultural Statistics Service crop reporting districts for Kansas are Northwest-10, West Central-20, Southwest-30, North Central-40, Central-50, South Central-60, Northeast-70, East Central-80, and Southeast-90 (Figure 1). Three crop reporting districts, Northwest-10, West Central-20, and Southwest-30, are in the western region of Kansas. North Central-40, Central-50, and South Central-60 CRDs are located in the central region of Kansas. The eastern region of Kansas consists of Northeast-70, East Central-80, and Southeast-90.

Regional Information

The ICS does not cover the same expense categories as the Kansas Custom Rates publication, which can be found at AgManager.info. In the ICS, respondents provided information on fertilizer, herbicide, insecticide, and seed costs for a typical operation in their area. Data for irrigated and non-irrigated crops were collected separately. Due to limited irrigated acreage and responses in the eastern third of Kansas, data for irrigated crops are not discussed for those CRDs. The ICS is intended to collect production input costs for a producer's *typical* operation. Therefore, no particular planting method is specified. Data were collected on seven crops that previous surveys included. Those were wheat, sorghum, soybean, corn, alfalfa, sunflower, and cotton. Canola was added in the 2022 survey and only received responses in South Central-60, where it is primarily planted. Survey results are summarized here to increase the information available on production costs across the state. Previously, the ICS was conducted in 2018, 2013, 2008, 2004, 2001, and 1997. The 2018 ICS and the 2022 ICS were conducted by the LUSO; prior ICS versions were conducted through the NASS-Kansas office. Data were reported by crop reporting district (CRD), and comparisons of fertilizer, chemical, and seed costs were made between the 2022 and 2018 surveys. The 2013 and 2009 costs were included in each district input cost table for readers' reference.¹

State Averages

In general, the ICS received more responses for non-irrigated crops than irrigated crops across the state (Tables 1 and 2). Most respondents provided data on fertilizer, herbicide, and seed. The cost of insecticide received the fewest responses. Wheat and corn received the most responses for both irrigated crops and non-irrigated crops across almost all cost categories. The only exception is insecticide cost for non-irrigated crops. Corn and soybeans led responses for insecticide on non-irrigated land. Regarding irrigated crops, the majority of responses came from

¹ If you need additional information, please contact Dr. Leah Tsoodle at ltsoodle@ksu.edu.

the western region of Kansas. The fewest responses from the eastern region were on irrigated corn and irrigated soybeans (Table 3). The majority of the responses on non-irrigated crops came from the western and central regions of Kansas (Table 4). In the eastern region, non-irrigated soybeans and non-irrigated corn received the most responses.

The average production cost varied across types of inputs, across different land uses, and across different crops. The average input costs for fertilizer, herbicide, insecticide, and seed costs for irrigated crops were higher than those costs for corresponding non-irrigated crops. The exception were fertilizer costs for cotton and seed costs for alfalfa, where the average costs were higher for non-irrigated crops. On average, fertilizer cost per acre was the highest among the four types of inputs. Among the eight crops, fertilizer cost for corn on both irrigated and non-irrigated land was the highest. Irrigated soybeans had the highest per acre average herbicide cost. Irrigated corn had the highest average per acre insecticide cost. Both irrigated and non-irrigated cotton had the highest average per acre herbicide and insecticide cost among the crops. Seed cost per acre was the highest for corn among the irrigated crops and for alfalfa for non-irrigated crops, on average.

The 2022 ICS collected information on production costs in the 2021-2022 crop year. Because of supply chain and inflation issues, as well as other economic factors, agricultural production expenses increased dramatically over the past year and continue to be extremely volatile. Regarding irrigated crops, the 2022 survey results were higher than the corresponding 2018 survey results for fertilizer costs and herbicide costs. The 2022 average insecticide cost and seed cost were higher than the corresponding 2018 averages for most of the crops, except for alfalfa seed cost and alfalfa insecticide cost. The average costs of fertilizer, herbicide, insecticide, and seed in the 2022 survey for all non-irrigated crops increased from the 2018 survey, except for soybean seed cost.

Northwest Kansas-District 10 (NW-10): Table 5

Fertilizer costs for both irrigated and non-irrigated wheat, sorghum, soybeans, and corn increased in NW-10 from 2018 to 2022. There was no responses regarding fertilizer cost for alfalfa, sunflowers, cotton, and canola. For irrigated crops, soybeans had the lowest fertilizer cost, averaging \$68.27 per acre in 2022. The average fertilizer cost for sorghum and corn were \$184.71 and \$184.65, respectively; those were the highest among the crops. Rates for non-irrigated crops ranged from \$21.00/acre for soybeans to \$82.55/acre for sorghum.

Herbicide costs for irrigated wheat, sorghum, soybeans, and corn increased in NW-10 from 2018 to 2022. Herbicide cost per acre on irrigated crops ranged from \$25.82 for wheat to \$83.00 for soybeans. Herbicide costs increased for non-irrigated wheat, soybeans, and corn crops from 2018 to 2022. The per-acre herbicide cost decreased for non-irrigated sorghum acreage; however, the per-acre change was minimal. Rates for non-irrigated crops ranged from \$31.25/acre for wheat to \$79.25/acre for soybeans.

For irrigated crops, insecticide costs ranged from \$10.33/acre for wheat to \$36.00/acre for corn. For non-irrigated crops, insecticide costs ranged from \$9.40/acre for wheat to \$17.00/acre for soybeans. Because there were very few observations for insecticide costs in 2022, comparison between 2018 and 2022 was not available for some crops. Results showed that insecticide cost for irrigated corn increased from \$30.75 per acre in 2018 to \$36.00 per acre in 2022. Insecticide

cost for non-irrigated sorghum also increased in 2022. On the other hand, insecticide costs for non-irrigated corn, irrigated and non-irrigated wheat decreased from 2018 to 2022.

Seed costs increased for irrigated wheat, sorghum, soybeans, and corn from 2018 to 2022. Seed costs for irrigated crops ranged from \$19.67/acre for wheat to \$1.13/acre for corn. Seed costs for non-irrigated crops also increased for wheat, sorghum, and corn. Seed per acre decreased for soybeans from 2018 to 2022. Seed costs for non-irrigated crops ranged from \$13.26/acre for wheat to \$54.38/acre for soybeans.

West Central Kansas-District 20 (WC-20): Table 6

Fertilizer costs for wheat, sorghum, corn, and alfalfa on both irrigated and non-irrigated land more than doubled in WC-20 from 2018 to 2022. Fertilizer costs for irrigated soybeans and sunflowers increased from 2018 to 2022. The fertilizer costs for non-irrigated soybeans and sunflowers had no responses in 2022. Fertilizer costs for irrigated crops ranged from \$25.00/acre for soybean to \$202.93/acre for corn. Fertilizer for non-irrigated crops ranged from \$58.04/acre for wheat to \$101.00/acre for corn.

Herbicide costs increased for irrigated wheat, sorghum, corn, and alfalfa from 2018 to 2022. Herbicide costs also increased for non-irrigated wheat, sorghum, and corn. The herbicide cost for non-irrigated soybeans increased and for non-irrigated alfalfa decreased from 2018 to 2022, but the changes were very small. Herbicide for irrigated crops ranged from \$26.29/acre for alfalfa to \$62.06/acre for grain sorghum. Herbicide cost per acre for non-irrigated crops ranged from \$20.00 for alfalfa to \$65.33 for corn.

The responses for insecticide cost in this district were low. Insecticide costs for irrigated crops, including wheat, sorghum, corn, and alfalfa, increased from 2018 to 2022. Insecticide costs for non-irrigated wheat and sorghum decreased, while insecticide cost for non-irrigated corn increased from 2018 to 2022. Insecticide per acre costs ranged from \$32.00 for irrigated alfalfa to \$65.00 for irrigated wheat and sorghum. Insecticide rates ranged from \$10.00/acre for non-irrigated sorghum to \$30.00/acre for non-irrigated corn.

Seed costs increased for wheat, sorghum, and corn on both irrigated and non-irrigated crops, as well as for irrigated sunflowers from 2018 to 2022. Per acre seed cost for irrigated crops ranged from \$28.71 for wheat to \$119.78 for corn. Seed for non-irrigated crops ranged from \$17.05/acre for wheat to \$57.31/acre for corn.

Southwest Kansas-District 30 (SW-30): Table 7

From 2018 to 2022, fertilizer costs more than doubled for irrigated crops, including wheat, sorghum, corn, alfalfa, and sunflowers in SW-30. Fertilizer costs also more than doubled for non-irrigated wheat, sorghum, and corn during that time. Fertilizer cost ranged from \$121.33/acre for irrigated wheat to \$211.00/acre for irrigated corn. Fertilizer per acre cost ranged from \$75.71 for non-irrigated sorghum to \$83.14/acre for non-irrigated corn.

Herbicide costs for irrigated wheat, sorghum, corn, alfalfa, and sunflowers increased from 2018 to 2022. From that time, herbicide costs also increased for non-irrigated crops, including wheat,

sorghum, soybeans, and corn. Herbicide cost ranged from \$25.00/acre for irrigated wheat to \$65.00/acre for irrigated corn. For non-irrigated crops, herbicide costs ranged from \$17.50/acre for wheat to \$60.00/acre for corn.

Insecticide costs were reported for corn, alfalfa, and sunflowers on irrigated land and wheat and corn on non-irrigated land in this district. Per acre insecticide cost from 2018 to 2022 increased for irrigated corn and sunflowers, as well as for non-irrigated corn. Insecticide cost for non-irrigated wheat was unchanged. Insecticide cost for irrigated crops ranged from \$21.33/acre for alfalfa to \$40.00/acre for corn. Insecticide cost for non-irrigated crops ranged from \$5.00/acre for wheat to \$30.00/acre for corn.

Seed costs increased for most irrigated crops but decreased for soybeans from 2018 to 2022. Seed costs for non-irrigated crops increased for all crops including wheat, sorghum, and corn during that time. Seed cost per acre for irrigated crops ranged from \$15.67 for sorghum to \$145.67 for corn. In 2022, seed cost for non-irrigated crops ranged from \$10.12/acre for sorghum to \$57.71/acre for corn.

North Central Kansas-District 40 (NC-40): Table 8

Fertilizer costs in NC-40 for irrigated wheat, sorghum, soybeans, corn, and alfalfa more than doubled from 2018 to 2022. Fertilizer costs for non-irrigated crops also increased from 2018 to 2022. Fertilizer costs ranged from \$45.00/acre for irrigated alfalfa to \$226.00/acre for irrigated corn. For non-irrigated crops, per acre fertilizer costs ranged from \$45.00 for alfalfa to \$131.42 for corn.

Herbicide costs increased for irrigated soybeans and corn from 2018 to 2022. During that time, herbicide decreased for irrigated wheat and alfalfa. Herbicide costs for non-irrigated wheat, sorghum, soybean, and corn increased, those costs decreased for alfalfa. Per acre herbicide costs for irrigated crops ranged from \$6.00 for wheat to \$115.00 for corn. Herbicide costs for non-irrigated crops ranged from \$10.00/acre for alfalfa to \$70.86/acre for soybeans.

Insecticide costs increased for non-irrigated sorghum and soybeans from 2018 to 2022. In 2022, per acre insecticide costs for non-irrigated crops ranged from \$15.00 for soybeans to \$20.00 for sorghum. Insecticide costs for irrigated crops were not reported.

Seed costs for all irrigated crops, except sorghum, increased from 2018 to 2022. Seed costs for all non-irrigated crops also increased during that time. In 2022, per acre seed costs for irrigated crops ranged from \$18.00 for sorghum to \$105.00 for alfalfa. Seed costs for non-irrigated crops ranged from \$19.70/acre for wheat to \$91.00/acre for alfalfa.

Central Kansas-District 50 (C-50): Table 9

Fertilizer costs in C-50 increased for most irrigated and non-irrigated crops, including wheat, sorghum, soybeans, corn, and alfalfa, from 2018 to 2022. Fertilizer cost for non-irrigated cotton also increased. Fertilizer costs per acre for irrigated crops ranged from \$47.00 for soybeans to \$169.08 for corn. For non-irrigated crops, fertilizer costs ranged from \$37.94/acre for soybeans to \$95.24/acre for corn.

Herbicide costs for all irrigated and non-irrigated crops increased, except for non-irrigated cotton, from 2018 to 2022. Herbicide costs ranged from \$45.00/acre for irrigated alfalfa to \$67.50/acre for irrigated soybeans. Non-irrigated crop herbicide costs per acre ranged from \$14.08 for wheat to \$80.00 for cotton.

The insecticide cost for irrigated alfalfa increased. Insecticide costs decreased for irrigated soybeans and corn and remained the same for irrigated sorghum. On the other hand, per acre insecticide costs all non-irrigated crops, except for soybeans, increased from 2018 to 2022. Insecticide costs ranged from \$10.00/acre for irrigated wheat to \$25.00/acre for irrigated alfalfa. Insecticide costs ranged from \$8.00/acre for non-irrigated wheat to \$25.33/acre for non-irrigated sorghum.

For non-irrigated wheat, corn, and alfalfa, seed costs increased from 2018 to 2022. Seed costs decreased for non-irrigated sorghum and cotton. Seed costs increased for irrigated wheat, sorghum, and corn, but decreased for irrigated alfalfa, from 2018 to 2022. During that time, changes for soybean seed costs on both irrigated and non-irrigated land were minimal. Seed costs for irrigated crops ranged from \$22.00/acre for sorghum and \$98.13/acre for corn. Per acre seed costs for non-irrigated crops ranged from \$16.17 for sorghum to \$87.00 for alfalfa.

South Central Kansas-District 60 (SC-60): Table 10

Fertilizer costs for irrigated wheat, sorghum, soybeans, corn, alfalfa, and cotton increased in SC-60 from 2018 to 2022; costs per acre decreased for alfalfa during that time. Fertilizer costs for all non-irrigated crops increased from 2018 to 2022. During that time, fertilizer costs for irrigated crops ranged from \$72.00/acre for alfalfa to \$205.83/acre for corn. Fertilizer costs for non-irrigated crops ranged from \$55.55/acre for soybeans to \$138.50/acre for corn. Non-irrigated canola fertilizer cost averaged \$100.00/ acre in 2022.

Herbicide costs for irrigated wheat and corn increased from 2018 to 2022. Except for non-irrigated soybeans and alfalfa, herbicide costs for all non-irrigated crops increased from 2018 to 2022. Per acre herbicide costs for irrigated crops were \$50.00 for wheat and \$120.00 for corn. For non-irrigated crops, herbicide costs ranged from \$18.70/acre for wheat to \$87.50/acre for cotton.

Insecticide costs for non-irrigated soybeans, corn, and cotton increased from 2018 to 2022. During the same time, insecticide costs for non-irrigated wheat, sorghum, and alfalfa decreased slightly. Per acre insecticide costs for non-irrigated crops ranged from \$12.00 for wheat and canola to \$35.00 for cotton. Insecticide costs for irrigated crops was only reported for soybeans, which averaged \$10.00/acre and was less than in 2018.

Seed costs for reported irrigated crops including wheat, sorghum, and corn increased from 2018 to 2022 in SC-60. Seed costs also increased for non-irrigated wheat, sorghum, corn, alfalfa, and cotton. The average seed cost for non-irrigated soybeans decreased in 2022 from 2018. Seed costs for irrigated crops ranged from \$22.00/acre for wheat to \$112.00/acre for corn. Seed costs per acre for non-irrigated crops ranged from \$14.71 for wheat to \$20.14 for corn.

Northeast Kansas-District 70 (NE-70): Table 11

Fertilizer costs increased for reported non-irrigated crops including sorghum, soybeans, and corn in NE-70 from 2018 to 2022. Fertilizer cost per acre ranged from \$62.50 for non-irrigated soybeans to \$169.50 for non-irrigated corn.

Herbicide costs increased for non-irrigated grain sorghum from 2018 to 2022. The average costs for non-irrigated soybeans and corn decreased slightly from 2018 to 2022. Herbicide costs for non-irrigated crops ranged from \$45.20/acre for corn to \$54.70/acre for soybeans.

Insecticide costs increased for non-irrigated soybeans and corn from 2018 to 2022; insecticide costs for non-irrigated sorghum decreased during that time. Insecticide costs ranged from \$7.20/acre for non-irrigated soybeans to \$15.00/acre for non-irrigated sorghum.

Seed costs increased slightly for all reported non-irrigated crops including sorghum, soybeans, and corn from 2018 to 2022. Seed costs ranged from \$25.00/acre for non-irrigated sorghum to \$87.86/acre for corn.

East Central Kansas-District 80 (EC-80): Table 12

Fertilizer costs increased for reported non-irrigated wheat, soybeans, and corn from 2018 to 2022 in EC-80. Per acre fertilizer costs ranged from \$88.00 for non-irrigated soybeans to \$251.71 for non-irrigated corn.

Herbicide costs for reported non-irrigated crops including wheat, soybeans, and corn increased from 2018 to 2022. Herbicide costs for non-irrigated crops ranged from \$11.50/acre for wheat to \$75.82/acre for soybeans.

Insecticide costs for non-irrigated crops was reported only for soybeans and averaged \$12.00/acre, an increase from the 2018 average.

Seed costs increased in EC-80 for non-irrigated wheat, soybeans, and alfalfa, from 2018 to 2022. Seed cost for non-irrigated corn decreased from 2018 to 2022. Seed costs for non-irrigated crops ranged from \$30.25/acre for wheat to \$140.00/acre for alfalfa.

Southeast Kansas-District 90 (SE-90): Table 13

From 2018 to 2022, fertilizer costs increased for all non-irrigated crops including wheat, sorghum, soybeans, and corn in SE-90. During that time, per acre fertilizer cost ranged from \$83.33 for non-irrigated soybeans to \$213.50 for non-irrigated corn.

Herbicide costs increased for all non-irrigated crops from 2018 to 2022. Herbicide cost for non-irrigated crops ranged from \$20.67/acre for wheat to \$66.00/acre for soybeans.

Insecticide costs also increased for sorghum, soybeans, and corn from 2018 to 2022. Per acre insecticide cost for non-irrigated crops ranged from \$12.50 for soybeans to \$15.00 for sorghum and corn.

From 2018 to 2022, seed costs in SE-90 increased for non-irrigated wheat, soybeans, and corn. Seed costs for non-irrigated crops ranged from \$35.67/acre for wheat to \$89.75/acre for corn.

Figure 1. Kansas Agricultural Statistics Crop Reporting Districts

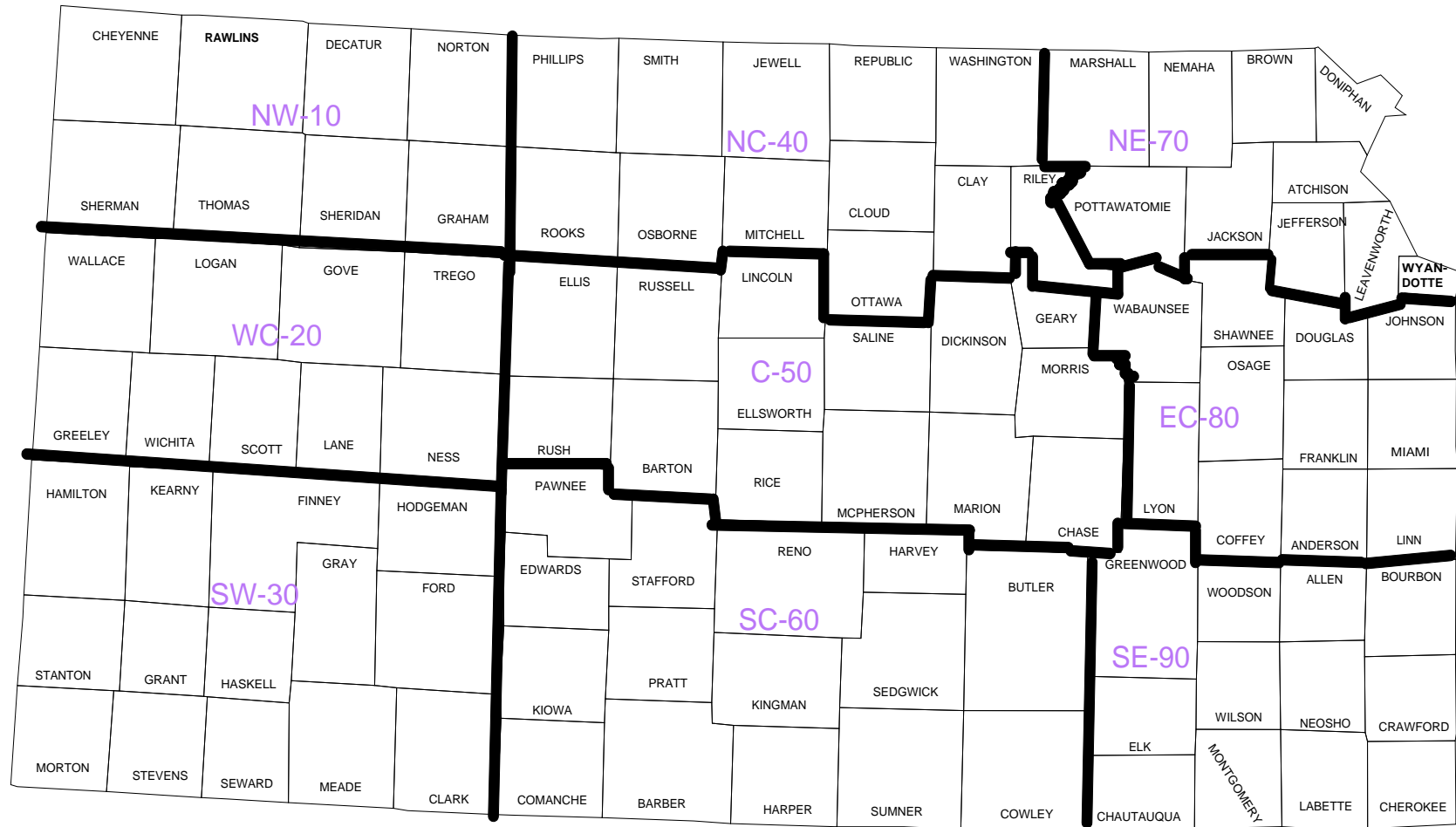


Table 1: Average Input Costs in Kansas, Irrigated Crops 2022

	2022 Irrigated Crops Input Costs				2018 Survey
	# of Responses	Average Cost (\$/Acre)	Max (\$/Acre)	Min (\$/Acre)	Average (\$/Acre)
Fertilizer					
Wheat	37	103.08	250.00	24.00	47.46
Sorghum	31	164.65	270.00	80.00	70.33
Soybeans	32	79.31	200.00	25.00	35.57
Corn	72	192.61	360.00	60.00	103.46
Alfalfa	9	100.50	190.00	45.00	51.63
Sunflowers	7	140.00	150.00	80.00	33.91
Cotton	1	80.00	80.00	80.00	76.44
Canola	0	-	-	-	-
Herbicide					
Wheat	25	30.28	55.00	6.00	12.25
Sorghum	16	59.29	90.00	28.35	34.78
Soybeans	12	79.67	97.00	45.00	54.22
Corn	44	62.20	120.00	30.00	44.98
Alfalfa	8	31.95	45.00	10.00	21.41
Sunflowers	2	50.00	50.00	50.00	22.79
Cotton	0	-	-	-	71.25
Canola	0	-	-	-	-
Fallow	8	66.25	100.00	35.00	-
Insecticide					
Wheat	9	22.44	65.00	5.00	15.84
Sorghum	7	28.29	65.00	10.00	25.67
Soybeans	6	18.33	23.00	3.00	19.00
Corn	21	38.38	80.00	9.00	22.05
Alfalfa	7	21.57	25.00	15.00	25.63
Sunflowers	2	25.00	-	-	15.68
Cotton	0	-	45.00	10.00	41.25
Canola	0	-	12.00	12.00	-
Seed					
Wheat	25	23.24	45.00	11.00	14.73
Sorghum	13	29.00	65.00	15.00	19.50
Soybeans	25	63.64	85.00	50.00	63.12
Corn	45	108.38	181.00	80.00	92.36
Alfalfa	2	82.50	105.00	60.00	106.38
Sunflowers	8	56.88	65.00	35.00	33.32
Cotton	0	-	-	-	83.92
Canola	0	-	-	-	-

Table 2: Average Input Costs in Kansas, Non-Irrigated Crops 2022

	2022 Non-Irrigated Crops Input Costs				2018 Survey
	# of Responses	Average Cost (\$/Acre)	Max (\$/Acre)	Min (\$/Acre)	Average (\$/Acre)
Fertilizer					
Wheat	122	73.21	240.00	15.00	39.33
Sorghum	92	94.05	185.00	28.00	47.87
Soybeans	57	54.49	125.00	10.00	30.99
Corn	113	118.55	314.00	31.00	67.16
Alfalfa	13	45.00	60.00	35.00	37.29
Sunflowers	0	-	-	-	25.48
Cotton	6	105.00	140.00	75.00	48.16
Canola	2	100.00	100.00	100.00	-
Herbicide					
Wheat	77	24.49	71.00	5.00	13.73
Sorghum	63	47.90	125.00	11.00	37.59
Soybeans	52	60.39	97.00	25.00	46.51
Corn	82	56.03	125.18	26.00	40.93
Alfalfa	15	23.63	44.00	10.00	18.99
Sunflowers	0	-	-	-	31.21
Cotton	5	86.00	110.00	75.00	63.65
Canola	2	30.00	30.00	30.00	-
Fallow	36	46.53	100.00	25.00	-
Insecticide					
Wheat	13	10.31	65.00	5.00	9.36
Sorghum	20	19.25	65.00	10.00	17.80
Soybeans	23	11.91	23.00	3.00	11.04
Corn	26	20.23	80.00	9.00	12.74
Alfalfa	14	19.71	25.00	15.00	18.03
Sunflowers	0	-	-	-	19.10
Cotton	4	28.75	45.00	10.00	28.36
Canola	2	12.00	12.00	12.00	-
Seed					
Wheat	94	17.66	60.00	5.00	12.86
Sorghum	73	17.70	55.00	6.00	16.16
Soybeans	69	51.42	90.00	10.00	53.90
Corn	88	67.67	245.00	25.00	62.79
Alfalfa	9	100.00	140.00	35.00	87.58
Sunflowers	0	-	-	-	31.38
Cotton	7	72.57	100.00	55.00	70.85
Canola	2	26.60	26.60	26.60	-

Table 3: Average Regional Input Costs in Kansas, Irrigated Crops 2022

Irrigated Crops (\$/Acre)						
Fertilizer	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	27	97.70	10	117.60	0	-
Sorghum	16	176.00	15	152.53	0	-
Soybeans	13	61.62	15	91.80	4	90.00
Corn	44	194.66	24	190.13	4	185.00
Alfalfa	5	132.10	4	61.00	0	-
Sunflowers	7	140.00	0	-	0	-
Cotton	0	-	1	80.00	0	-
Canola	0	-	0	-	0	-
Herbicide	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	22	29.36	3	37.00	0	-
Sorghum	14	59.19	2	60.00	0	-
Soybeans	9	83.00	3	69.67	0	-
Corn	35	62.46	5	83.00	4	34.00
Alfalfa	6	33.43	2	27.50	0	-
Sunflowers	2	50.00	0	-	0	-
Cotton	0	-	0	-	0	-
Canola	0	-	0	-	0	-
Fallow	8	66.25	0	-	0	-
Insecticide	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	8	24.00	1	10.00	0	-
Sorghum	6	29.67	1	20.00	0	-
Soybeans	4	20.00	2	15.00	0	-
Corn	20	39.55	1	15.00	0	-
Alfalfa	6	21.00	1	25.00	0	-
Sunflowers	2	25.00	0	-	0	-
Cotton	0	-	0	-	0	-
Canola	0	-	0	-	0	-
Seed	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	22	23.05	3	24.67	0	-
Sorghum	11	30.64	2	20.00	0	-
Soybeans	12	72.75	9	57.56	4	50.00
Corn	31	115.16	10	98.70	4	80.00
Alfalfa	0	-	2	82.50	0	-
Sunflowers	8	56.88	0	-	0	-
Cotton	0	-	0	-	0	-
Canola	0	-	0	-	0	-

Table 4: Average Regional Input Costs in Kansas, Non-Irrigated Crops 2022

Non-Irrigated Crops (\$/Acre)						
Fertilizer	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	55	62.89	63	77.74	4	143.75
Sorghum	40	83.55	50	103.12	2	77.50
Soybeans	6	21.00	37	51.76	14	76.07
Corn	55	88.05	39	117.46	19	209.05
Alfalfa	1	60.00	12	43.75	0	-
Sunflowers	0	-	0	-	0	-
Cotton	0	-	6	105.00	0	-
Canola	0	-	2	100.00	0	-
Herbicide	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	43	31.33	27	15.96	7	15.43
Sorghum	30	54.47	31	42.16	2	38.50
Soybeans	10	69.40	29	55.07	13	65.33
Corn	46	58.72	23	57.26	13	44.32
Alfalfa	3	36.00	12	20.54	0	-
Sunflowers	0	-	0	-	0	-
Cotton	0	-	5	86.00	0	-
Canola	0	-	2	30.00	0	-
Fallow	27	52.11	9	29.78	0	-
Insecticide	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	9	10.44	4	10.00	0	-
Sorghum	4	14.25	14	21.29	2	15.00
Soybeans	1	17.00	14	13.14	8	9.13
Corn	14	23.57	8	17.50	4	14.00
Alfalfa	2	15.00	12	20.50	0	-
Sunflowers	0	-	0	-	0	-
Cotton	0	-	4	28.75	0	-
Canola	0	-	2	12.00	0	-
Seed	Western		Central		Eastern	
	# of Responses	Average	# of Responses	Average	# of Responses	Average
Wheat	44	14.59	43	18.37	7	32.57
Sorghum	31	16.44	41	18.48	1	25.00
Soybeans	8	54.38	45	47.71	16	60.38
Corn	42	54.13	29	78.47	17	82.71
Alfalfa	0	-	8	95.00	1	140.00
Sunflowers	0	-	0	-	0	-
Cotton	0	-	7	72.57	0	-
Canola	0	-	2	26.60	0	-

Table 5: Average Input Costs in Northwest Kansas (NW-10)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	11	99.18	44.94	81.00	50.08	24	62.33	29.51	59.63	26.89
Sorghum	7	184.71	74.87	106.25	74.44	11	82.55	42.40	72.88	38.65
Soybeans	11	68.27	18.00	31.50	38.25	6	21.00	-	31.25	20.69
Corn	23	184.65	109.22	130.20	101.42	25	77.51	45.00	80.00	49.57
Alfalfa	0	-	-	30.00	53.64	0	-	-	17.50	31.75
Sunflowers	0	-	-	-	71.25	0	-	15.00	47.50	34.55
Cotton	0	-	-	-	64.50	0	-	-	-	50.00
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	11	25.82	16.04	12.60	8.65	20	31.25	25.29	18.33	6.16
Sorghum	5	55.60	32.00	34.50	30.90	10	45.20	46.05	39.25	26.48
Soybeans	9	83.00	30.00	29.75	25.54	8	79.25	28.00	27.25	21.56
Corn	19	63.37	42.22	31.33	27.98	21	52.38	47.14	37.71	21.30
Alfalfa	2	44.00	-	14.00	20.88	2	44.00	-	14.00	19.51
Sunflowers	0	-	-	-	27.14	0	-	60.00	30.00	24.01
Cotton	0	-	-	-	26.50	0	-	-	-	23.80
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	2	100.00	-	-	-	10	55.10	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	6	10.33	12.36	-	11.27	5	9.40	12.06	-	6.85
Sorghum	4	12.00	-	-	13.60	3	15.67	13.00	-	11.57
Soybeans	4	20.00	-	-	12.60	1	17.00	-	-	14.67
Corn	10	36.00	30.75	26.00	18.53	6	15.00	17.33	-	11.38
Alfalfa	2	15.00	-	12.00	15.95	2	15.00	-	-	15.20
Sunflowers	0	-	-	10.00	18.83	0	-	20.00	15.00	15.63
Cotton	0	-	-	-	18.75	0	-	-	-	14.13
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	9	19.67	16.20	20.00	16.00	19	13.26	9.81	14.21	13.06
Sorghum	3	38.33	10.00	11.50	21.10	9	19.33	11.94	13.32	19.55
Soybeans	9	73.67	65.00	57.33	45.37	8	54.38	69.00	31.50	43.26
Corn	16	101.13	96.80	85.20	76.72	19	50.14	42.06	53.00	53.49
Alfalfa	0	-	-	-	101.61	0	-	-	50.00	96.35
Sunflowers	0	-	-	-	32.91	0	-	24.00	22.50	27.34
Cotton	0	-	-	-	29.84	0	-	-	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 6: Average Input Costs in West Central Kansas (WC-20)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	10	81.90	38.11	52.83	39.86	26	59.04	28.28	39.22	24.32
Sorghum	6	157.17	67.56	102.60	89.57	22	86.55	39.50	55.50	47.16
Soybeans	2	25.00	18.72	-	34.38	0	-	23.40	33.00	24.00
Corn	14	202.93	103.95	123.71	123.31	23	101.00	46.27	60.40	52.52
Alfalfa	1	80.24	36.67	40.00	52.50	1	60.00	26.25	40.00	37.15
Sunflowers	2	150.00	24.38	50.00	65.00	0	-	21.43	12.00	50.00
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	9	34.67	6.00	9.20	11.46	19	34.32	13.39	20.25	9.93
Sorghum	6	62.06	37.37	46.00	25.67	15	60.58	41.84	51.00	23.26
Soybeans	0	-	56.29	-	15.00	1	30.00	29.00	13.00	26.00
Corn	11	59.73	41.30	54.00	27.60	19	65.33	39.27	56.80	21.02
Alfalfa	1	26.29	22.50	35.00	20.00	1	20.00	22.50	35.00	17.00
Sunflowers	0	-	21.00	25.00	20.00	0	-	38.80	15.00	10.25
Cotton	0	-	-	-	-	0	-	-	-	20.73
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	2	65.00	-	-	-	12	52.17	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	2	65.00	-	7.00	13.41	3	14.00	15.00	4.50	11.36
Sorghum	2	65.00	16.67	-	18.75	1	10.00	15.00	-	16.25
Soybeans	0	-	12.50	-	14.38	0	-	20.00	-	12.58
Corn	6	45.17	21.77	28.33	20.82	5	30.00	19.29	27.50	14.84
Alfalfa	1	32.00	21.67	14.00	19.50	0	-	21.67	14.00	14.25
Sunflowers	0	-	12.25	-	25.00	0	-	17.57	-	14.67
Cotton	0	-	-	-	18.75	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	7	28.71	13.41	36.75	12.45	19	17.05	8.77	21.94	12.17
Sorghum	5	35.00	24.57	51.50	24.87	16	17.19	12.51	27.42	23.81
Soybeans	0	-	101.36	-	45.40	0	-	55.00	-	42.82
Corn	9	119.78	99.35	111.43	71.24	16	57.31	49.66	68.00	64.17
Alfalfa	0	-	80.00	28.00	101.61	0	-	79.17	28.00	96.35
Sunflowers	2	65.00	40.44	35.00	30.39	0	-	31.33	32.00	28.74
Cotton	0	-	-	-	29.84	0	-	-	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 7: Average Input Costs in Southwest Kansas (SW-30)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	6	121.33	32.64	64.32	45.76	5	85.60	24.54	43.10	22.74
Sorghum	3	193.33	61.45	88.00	70.85	7	75.71	31.22	60.83	43.58
Soybeans	0	-	18.24	43.75	30.50	0	-	25.00	30.00	26.43
Corn	7	211.00	86.36	179.01	103.05	7	83.14	37.57	88.27	51.53
Alfalfa	4	145.06	70.00	101.33	77.83	0	-	-	37.50	38.00
Sunflowers	5	136.00	25.00	-	46.67	0	-	-	-	30.00
Cotton	0	-	58.00	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	2	25.00	9.69	9.57	9.11	4	17.50	11.19	7.88	8.48
Sorghum	3	59.45	31.92	31.72	21.13	5	54.67	33.56	29.33	18.47
Soybeans	0	-	48.64	26.25	18.25	1	30.00	21.67	20.00	15.67
Corn	5	65.00	39.48	44.67	27.74	6	60.00	32.38	35.54	19.67
Alfalfa	3	28.76	18.00	23.67	17.17	0	-	18.00	17.50	13.63
Sunflowers	2	50.00	20.00	-	22.38	0	-	-	-	22.50
Cotton	0	-	-	-	-	0	-	-	-	25.00
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	4	50.00	-	-	-	5	46.00	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	20.00	10.19	8.50	1	5.00	5.00	5.74	7.95
Sorghum	0	-	-	10.33	11.57	0	-	17.50	5.50	9.63
Soybeans	0	-	17.50	5.50	10.15	0	-	-	6.00	9.75
Corn	4	40.00	25.75	25.80	20.10	3	30.00	20.00	12.00	16.28
Alfalfa	3	21.33	-	23.17	13.92	0	-	-	13.00	9.90
Sunflowers	2	25.00	5.00	-	9.90	0	-	-	-	9.83
Cotton	0	-	-	-	18.75	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	6	21.50	16.36	19.26	14.68	6	10.96	9.26	14.18	10.95
Sorghum	3	15.67	8.50	10.70	15.91	6	10.12	6.91	11.57	12.36
Soybeans	3	70.00	80.85	71.67	42.63	0	-	32.00	56.00	51.25
Corn	6	145.67	92.00	96.86	79.76	7	57.71	41.46	64.17	65.58
Alfalfa	0	-	-	95.00	99.35	0	-	-	64.17	96.69
Sunflowers	6	54.17	32.50	-	32.65	0	-	-	23.00	28.83
Cotton	0	-	-	-	29.84	0	-	-	113.00	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 8: Average Input Costs in North Central Kansas (NC-40)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	5	145.40	52.13	50.47	63.96	15	82.44	44.66	68.39	52.78
Sorghum	5	191.60	71.88	48.70	60.85	10	121.40	61.18	69.90	59.07
Soybeans	5	128.00	29.76	26.82	27.22	10	69.72	20.47	26.24	30.83
Corn	5	226.00	92.63	129.45	81.98	12	131.42	71.49	100.73	78.84
Alfalfa	1	45.00	27.29	18.05	32.95	1	45.00	27.77	22.03	34.68
Sunflowers	0	-	48.00	30.00	40.50	0	-	34.20	30.00	47.19
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	6.00	13.50	9.12	5.84	4	15.25	14.89	10.78	7.29
Sorghum	0	-	32.36	42.50	26.35	4	65.50	36.84	36.53	22.55
Soybeans	1	74.00	46.71	29.62	21.98	7	70.86	46.36	27.75	22.59
Corn	1	115.00	40.80	33.20	30.46	4	69.25	43.25	29.80	28.26
Alfalfa	1	10.00	15.30	15.00	20.28	1	10.00	15.87	17.50	18.43
Sunflowers	0	-	30.00	30.00	17.50	0	-	25.40	30.00	20.48
Cotton	0	-	-	-	-	0	-	-	-	17.63
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	0	-	-	-	-	0	-	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	12.00	-	6.05	0	-	9.23	9.00	5.49
Sorghum	0	-	23.33	-	5.03	1	20.00	16.85	-	7.98
Soybeans	0	-	16.67	7.17	10.00	2	15.00	12.28	12.00	8.45
Corn	0	-	18.33	5.50	8.34	0	-	13.50	5.50	8.99
Alfalfa	0	-	12.14	15.00	9.79	0	-	13.84	14.50	11.11
Sunflowers	0	-	15.00	-	20.00	0	-	15.00	15.00	15.22
Cotton	0	-	-	-	18.75	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	28.00	14.63	25.62	15.15	9	19.70	13.76	18.91	12.60
Sorghum	1	18.00	22.44	19.50	17.20	7	20.39	17.31	16.24	15.35
Soybeans	1	53.00	60.08	61.37	45.56	13	56.06	54.17	46.91	46.37
Corn	1	90.00	81.31	105.87	69.29	8	63.03	59.55	90.72	56.34
Alfalfa	1	105.00	83.13	110.00	66.36	1	91.00	68.44	73.25	63.33
Sunflowers	0	-	30.00	40.00	32.41	0	-	32.67	41.50	34.47
Cotton	0	-	-	-	29.84	0	-	-	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 9: Average Input Costs in Central Kansas (C-50)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	4	87.25	49.36	74.50	42.43	24	74.46	41.68	45.40	38.47
Sorghum	6	133.33	69.75	-	54.30	22	92.23	51.32	69.00	45.83
Soybeans	5	47.00	27.61	23.00	23.88	16	37.94	21.29	29.40	19.13
Corn	13	169.08	100.70	147.50	88.22	17	95.24	59.83	84.00	52.70
Alfalfa	1	55.00	32.78	-	34.18	9	40.00	28.40	38.00	24.04
Sunflowers	0	-	40.00	-	38.67	0	-	38.52	65.00	31.17
Cotton	0	-	-	-	-	1	75.00	50.50	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	55.00	9.45	4.00	11.74	13	14.08	11.72	15.76	9.99
Sorghum	2	60.00	32.38	-	26.66	13	45.77	41.21	28.92	23.68
Soybeans	2	67.50	45.07	17.00	23.29	13	59.62	43.53	22.71	17.88
Corn	3	60.00	42.75	27.00	30.59	12	57.00	36.49	30.63	24.67
Alfalfa	1	45.00	20.67	-	18.92	8	22.00	21.20	20.83	13.99
Sunflowers	0	-	30.00	-	21.67	0	-	35.53	38.75	19.00
Cotton	0	-	-	-	-	1	80.00	95.00	-	19.70
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	0	-	-	-	-	9	29.78	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	10.00	-	-	10.93	2	8.00	7.10	9.50	11.73
Sorghum	1	20.00	20.00	-	17.21	6	25.33	18.99	8.25	10.00
Soybeans	1	20.00	25.00	3.50	17.07	8	12.25	14.16	9.50	9.61
Corn	1	15.00	18.60	10.50	17.47	6	18.33	12.91	8.75	10.88
Alfalfa	1	25.00	21.67	-	13.86	9	19.67	17.14	11.04	10.44
Sunflowers	0	-	15.00	-	16.13	0	-	21.18	21.00	12.57
Cotton	0	-	-	-	18.75	1	10.00	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	24.00	14.89	15.00	13.92	20	20.33	12.75	21.73	12.77
Sorghum	1	22.00	15.27	-	16.02	18	16.17	22.11	17.00	14.22
Soybeans	6	57.00	57.42	45.00	52.40	19	48.53	48.83	54.86	42.07
Corn	8	98.13	87.19	134.00	84.57	14	66.46	58.17	66.56	60.66
Alfalfa	1	60.00	114.29	-	57.80	5	87.00	79.32	20.00	59.89
Sunflowers	0	-	30.00	-	33.09	0	-	33.86	28.50	26.19
Cotton	0	-	-	-	29.84	1	70.00	77.50	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 10: Average Input Costs in South Central Kansas (SC-60)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	100.00	62.07	76.16	42.97	24	78.08	43.09	50.48	38.60
Sorghum	4	132.50	73.00	82.31	61.69	18	106.28	40.39	61.69	48.95
Soybeans	5	100.40	53.16	30.56	39.53	11	55.55	22.64	23.75	29.67
Corn	6	205.83	124.54	148.31	137.47	10	138.50	69.47	71.48	73.62
Alfalfa	2	72.00	103.50	47.21	74.09	2	60.00	39.42	29.58	37.48
Sunflowers	0	-	34.29	-	70.00	0	-	17.58	-	35.94
Cotton	1	80.00	78.75	63.33	-	5	111.00	46.73	40.37	-
Canola	0	-	-	-	-	2	100.00	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	50.00	19.40	16.71	8.97	10	18.70	11.77	15.65	8.21
Sorghum	0	-	37.67	33.17	24.49	14	32.14	31.31	24.11	20.70
Soybeans	0	-	63.80	37.63	32.94	9	36.22	46.19	27.36	24.04
Corn	1	120.00	56.67	43.38	41.52	7	50.86	37.18	27.50	28.05
Alfalfa	0	-	30.30	22.92	22.96	3	20.17	22.68	21.00	18.13
Sunflowers	0	-	22.14	-	12.93	0	-	22.03	-	18.62
Cotton	0	-	71.25	65.00	-	4	87.50	62.94	60.24	22.78
Canola	0	-	-	-	-	2	30.00	-	-	-
Fallow	0	-	-	-	-	0	-	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	17.00	7.83	7.10	2	12.00	12.83	7.07	10.22
Sorghum	0	-	32.14	9.25	9.87	7	18.00	24.01	8.90	12.72
Soybeans	1	10.00	21.25	11.20	17.77	4	14.00	12.40	9.29	16.32
Corn	0	-	20.30	7.40	24.96	2	15.00	12.31	8.00	18.79
Alfalfa	0	-	41.88	25.50	18.65	3	23.00	24.15	24.00	15.30
Sunflowers	0	-	21.43	-	11.83	0	-	19.62	-	11.83
Cotton	0	-	41.25	15.00	18.75	3	35.00	30.60	15.00	-
Canola	0	-	-	-	-	2	12.00	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	1	22.00	14.55	21.93	17.96	14	14.71	11.67	15.92	14.20
Sorghum	0	-	20.83	14.90	16.20	16	20.25	14.77	12.87	13.00
Soybeans	2	61.50	56.58	69.41	48.94	13	38.15	46.13	52.64	40.17
Corn	1	112.00	91.10	101.78	78.35	7	120.14	61.76	60.00	61.01
Alfalfa	0	-	130.75	57.67	73.01	2	117.00	104.19	71.67	53.75
Sunflowers	0	-	26.71	32.00	31.49	0	-	31.00	21.00	36.21
Cotton	0	-	83.92	72.50	29.84	6	73.00	70.00	55.50	29.84
Canola	0	-	-	-	-	2	26.60	-	-	-

Table 11: Average Input Costs in Northeast Kansas (NE-70)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	77.00	46.90	0	-	56.62	49.38	54.12
Sorghum	0	-	-	-	67.50	1	65.00	62.98	153.00	78.71
Soybeans	0	-	45.25	50.00	37.16	6	62.50	54.41	47.58	37.53
Corn	0	-	100.83	98.67	101.35	8	169.50	100.33	110.18	98.38
Alfalfa	0	-	-	-	25.00	0	-	60.50	47.00	50.26
Sunflowers	0	-	-	-	-	0	-	50.00	68.00	43.14
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	5.00	4.75	0	-	14.59	14.07	8.06
Sorghum	0	-	-	-	22.50	1	47.00	39.06	35.00	27.26
Soybeans	0	-	62.80	26.67	23.96	5	54.40	55.02	37.11	22.28
Corn	0	-	46.20	33.33	33.83	5	45.20	46.29	41.77	28.71
Alfalfa	0	-	-	-	-	0	-	17.82	22.50	20.00
Sunflowers	0	-	-	-	-	0	-	30.00	25.00	17.88
Cotton	0	-	-	-	-	0	-	-	-	33.84
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	0	-	-	-	-	0	-	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	-	-	0	-	6.08	8.80	12.30
Sorghum	0	-	-	-	-	1	15.00	18.29	10.00	12.70
Soybeans	0	-	-	25.00	9.67	5	7.20	6.15	13.77	11.67
Corn	0	-	-	20.00	9.25	3	13.67	7.69	14.23	13.19
Alfalfa	0	-	-	-	-	0	-	15.14	10.50	11.00
Sunflowers	0	-	-	-	-	0	-	-	8.00	9.50
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	25.00	-	0	-	27.69	23.22	19.14
Sorghum	0	-	20.00	-	-	1	25.00	20.02	-	19.35
Soybeans	0	-	62.37	60.00	-	7	65.43	63.69	53.75	45.68
Corn	0	-	92.97	94.00	-	7	87.86	87.55	86.47	53.77
Alfalfa	0	-	70.00	-	-	0	-	111.67	94.00	64.89
Sunflowers	0	-	-	-	-	0	-	28.00	-	31.56
Cotton	0	-	-	-	-	0	-	-	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 12: Average Input Costs in East Central Kansas (EC-80)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	55.00	-	75.00	2	127.50	49.33	63.64	49.03
Sorghum	0	-	65.00	-	100.00	0	-	51.31	75.00	56.00
Soybeans	0	-	28.90	-	50.00	5	88.00	35.97	30.11	29.40
Corn	0	-	95.80	-	120.00	7	251.71	76.23	112.49	75.89
Alfalfa	0	-	-	-	60.00	0	-	44.26	40.00	28.60
Sunflowers	0	-	-	-	-	0	-	-	-	30.00
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	10.00	-	5.00	4	11.50	10.21	13.30	10.64
Sorghum	0	-	-	-	20.00	0	-	22.48	30.00	19.00
Soybeans	0	-	61.71	20.00	25.00	5	75.86	49.80	34.53	24.45
Corn	0	-	47.71	30.00	35.00	5	45.62	43.92	39.25	26.30
Alfalfa	0	-	20.00	-	15.00	0	-	17.89	11.86	15.63
Sunflowers	0	-	-	-	-	0	-	-	-	15.00
Cotton	0	-	-	-	-	0	-	-	-	50.05
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	0	-	-	-	-	0	-	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	-	-	0	-	8.59	8.67	10.83
Sorghum	0	-	-	-	5.00	0	-	5.58	-	8.70
Soybeans	0	-	-	7.00	-	1	12.00	9.50	14.25	13.14
Corn	0	-	-	-	5.00	0	-	13.58	25.00	16.38
Alfalfa	0	-	-	-	5.00	0	-	19.99	10.83	10.13
Sunflowers	0	-	-	-	-	0	-	-	-	7.50
Cotton	0	-	-	-	-	0	-	-	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
	Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)				
Wheat	0	-	-	-	-	4	30.25	23.38	28.76	17.93
Sorghum	0	-	-	-	-	0	-	10.74	72.50	18.32
Soybeans	0	-	50.80	45.00	-	6	55.67	50.63	50.78	43.52
Corn	0	-	98.33	67.00	-	6	72.00	77.13	98.82	52.00
Alfalfa	0	-	-	-	-	1	140.00	100.00	55.00	74.39
Sunflowers	0	-	-	-	-	0	-	-	-	31.56
Cotton	0	-	-	-	-	0	-	-	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-

Table 13: Average Input Costs in Southeast Kansas (SE-90)

Fertilizer	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	-	-	22.00	2	160.00	44.69	52.17	51.13
Sorghum	0	-	-	-	135.00	1	90.00	57.84	86.85	75.89
Soybeans	4	90.00	-	-	49.00	3	83.33	34.47	47.62	38.95
Corn	4	185.00	-	-	121.00	4	213.50	69.33	94.56	92.34
Alfalfa	0	-	-	-	42.00	0	-	55.01	35.00	54.71
Sunflowers	0	-	-	-	-	0	-	-	-	36.61
Cotton	0	-	-	-	-	0	-	65.00	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Herbicide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	15.00	-	9.00	3	20.67	12.72	18.67	7.63
Sorghum	0	-	-	-	22.50	1	30.00	20.94	26.30	23.80
Soybeans	0	-	29.00	-	24.50	3	66.00	40.37	27.86	20.11
Corn	4	34.00	38.00	-	33.40	3	40.67	40.30	31.23	29.58
Alfalfa	0	-	7.00	-	10.00	0	-	13.62	33.25	18.92
Sunflowers	0	-	-	-	20.00	0	-	-	-	17.81
Cotton	0	-	-	-	-	0	-	40.00	-	15.60
Canola	0	-	-	-	-	0	-	-	-	-
Fallow	0	-	-	-	-	0	-	-	-	-
Insecticide	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	-	-	-	0	-	10.20	20.63	11.61
Sorghum	0	-	-	-	12.00	1	15.00	10.31	9.69	10.71
Soybeans	0	-	-	-	10.00	2	12.50	11.78	19.97	10.56
Corn	0	-	-	-	11.96	1	15.00	12.29	20.97	11.32
Alfalfa	0	-	-	-	-	0	-	18.78	33.00	12.72
Sunflowers	0	-	-	-	-	0	-	-	-	14.75
Cotton	0	-	-	-	-	0	-	6.00	-	-
Canola	0	-	-	-	-	0	-	-	-	-
Seed	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey	# of 2022 Responses	2022 Survey	2018 Survey	2013 Survey	2009 Survey
		Irrigated Crops (\$/Acre)					Non-Irrigated Crops (\$/Acre)			
Wheat	0	-	-	-	-	3	35.67	16.55	20.88	16.44
Sorghum	0	-	-	-	-	0	-	21.50	45.00	13.60
Soybeans	4	50.00	-	-	-	3	58.00	56.45	46.52	40.27
Corn	4	80.00	-	-	-	4	89.75	79.36	62.93	49.23
Alfalfa	0	-	-	-	-	0	-	63.33	-	64.54
Sunflowers	0	-	-	-	-	0	-	-	-	31.56
Cotton	0	-	-	-	-	0	-	72.00	-	29.84
Canola	0	-	-	-	-	0	-	-	-	-