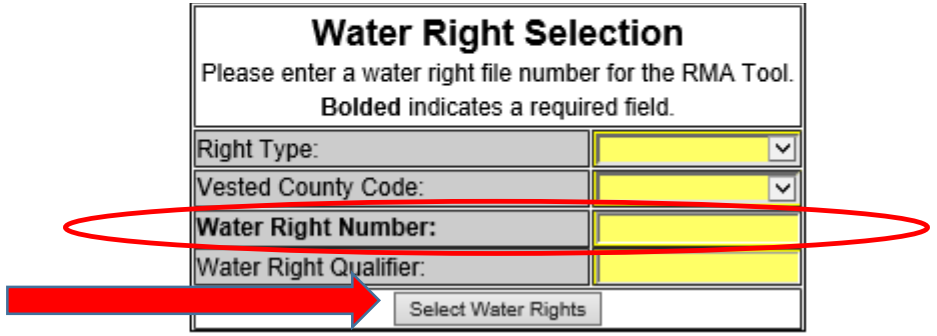
Limited Irrigation Yield Estimate Application

The Risk Management Agency is working in partnership with the Kansas Geological Survey (KGS)and the Kansas Water Office to assist producers in understanding the Limited Irrigation product available in select Kansas counties for Corn and Soybeans via written agreement. The first step to learning how the program relates to Kansas producers is to get water usage information via the website below. Simply enter your water right information in the appropriate boxes and click on the 'Select Water Rights' button to retrieve your water use records from the KGS.

Water Right Number is the only required entry for this page. Click on the 'Select Water Rights' box once you have entered the Water Right Number.



http://hercules.kgs.ku.edu/geohydro/rma/wr_lookup.cfm

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After entering your water right information, you will be directed to a web page like the one to the right. Simply enter the information needed in sections 1 – 15. Sections 16 – 19 are auto populated. Enter correct yield information in section 20.

RMA Documentation Tool for Limited Irrigation

Water Right

1 Type(s) of Use: IRR 2 Point of Diversion(s): 17-7S-29W 2

1. Crop Year:	2019	4. Producer Name:		7. Phone:	
2. State:		5. Address:		8. Tax ID:	
3. County:		6. City, ST, Zip:		9. Policy Number:	
10. Insured Crop:	Corn	12. FSN:		14. Unit:	
11. System Type:	Pivot System	13. Tract:		15. Field:	

16. Year (uncheck box to exclude)	17. Reported Crop	18. Reported Water Diverted (Acre-Feet)	19. Reported Acres	20. Yield (After trend, substitution, exclusion, as applicable)	21. Water Applied (Acre-Inch)
☑ 2016	Corn	86.00	115		8.97
☑ 2015	Corn	87.00	115		9.08
☐ 2014	Soybeans	85.00	115		N/A
☑ 2013	Corn		82		14.20
☑ 2012	Corn	222.00	115		23.17
☐ 2011	Soybeans	114.00	115		N/A
☑ 2010	Corn	167.00	123		16.29
☑ 2009		115.00	115		12.00
☑ 2008	Corn	168.00	115		17.53
	Soybeans	153.13	123		N/A
☑ 2006	Corn	29.17	70		5.00
☑ 2005	Corn	165.28	115		17.25
☑ 2004	Corn	165.28	115		17.25
☑ 2003	Corn	182.29	115		19.02
☐ 2002	Soybeans	187.82	115		N/A
☑ 2001	Corn	114.24	115		11.92
☑ 2000	Corn	159.75	115		16.67
☑ 1999	Corn	121.33	115		12.66
☑ 1998	Corn	121.43	115		12.67
☑ 1997	Corn	121.33	115		12.66
	Average based on checked years of water use:	132.63	110.6	0	14.15

22. Proposed Water Applied (Inch per Acre)	23. Proposed Irrigated Acres	24. Proposed Water Use (Acre-Feet)	25. Percent Reduction in Average Water Use	26. RMA Estimated Reduction in Bushel Per Acre	27. Expected Yield (Average Yield - Estimated Reduction)	28. Expected Percent Reduction in Yield
0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			

29. Notes:	

Update Form

The lower portion of the Limited Irrigation Yield Estimate Application is used to explore differing scenarios to show how the limited irrigation practice affects yield expectations and crop insurance coverage. By entering different water application rates and acres, a producer can see how much reducing irrigation is expected to lower yield by both bushels and by percentage. Section 27 shows what total expected yield for the acreage would be. Once water application and acres are entered, click on the "Update Form" button to have the application run updated calculations.

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0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			
0		0.00	100.00%			

29. Notes:	

Update Form

This page shows the expected impacts to yield of reducing irrigation. In this example, the producer had an average irrigation rate of 16.18 inches per acre on 120 acres of land. By reducing that irrigation by differing amounts, it is easy to see how different irrigation scenarios affect yield estimates. Once again, as different irrigation rates and acres are entered into the tool, the 'Update Form' button must be clicked to update the calculations.

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13	120	130.00	19.63%	-13	174	6.91%
12	120	120.00	25.82%	-20	166	10.78%
9	120	90.00	44.36%	-46	141	24.62%
8	120	80.00	50.54%	-56	131	29.83%
6	120	60.00	62.91%	-76	110	40.98%

29. Notes:	

Update Form

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Print the page and give to your crop insurance agent to request limited irrigation coverage by written agreement.

For more information on what is limited irrigation or how to request limited irrigation coverage by Written Agreement, go to the Topeka RO webpage at:

https://www.rma.usda.gov/aboutrma/fields/ks_rso/