PRODUCER DOCUMENTATION TOOL												
						Version 3	3.7					
Producer and Land												
Date:												
Producer name, address, home telephone, and cell phone.				3a. Ditch	Company		e of supplemental water ch, well, other)?	4b. If source includes well irrigation, what is the water augmentation association?				
				Fort Lyon			None	_				
Land Description Section-Township-Range and FSN/Tract/Field			nip-Range	an raierai			(past 10 years) amount of ntal water, in acre feet?		nt of water allocated by water augmentation sociation for THIS year, in acre feet.			
									0			
Water - Normal Availability												
5a. Numl	ber of Shares	3 Owned	5b.	. Average Far			5c. Total Acre Feet N Available (5a x 5		7. Total Supply (4c + 5c + 6)			
	120			1.	.547		185.63					
		6. Net Amr	ount of Wate	er (in acre fee	t) Leased FC	OR and FROM	This Farm		185.63			
					0							
individual interp irrigation suppli	pretation, the sta lies may differ. Th	ate and division The USDA does	n engineers ca s not control or	nnot be held liab	ole for any loss the accuracy, relevanting decisions.	hat might result fro nce, timeliness, or	om an individual relying solely o r completeness of this informatio	n these diversi	ese numbers are only estimates and are subject to ion estimates for their management decisions. Actual and/or approved insurance providers may provide			
8a. Numl	ber of Shares	Owned	8b.	Expected Fa		•	8c. Expected Acre	Feet	11. Total Expected Supply			
	120		<del>-</del>		.200	01.6.0	(8a x 8b) 144.00		(8c + 9 -10 + 4d)			
9. N€		Water (in ac	re feet) <b>Le</b> a	ased FOR and		10. Water (in care feet) Dequired for			144.00			
			0				0					
12. What sou	urce was use	d for "Expec	ted Farm Y	ield Per Share	e" data (for ex	xample: State \	Water Engineer, canal con	npany)?				
13a. Averaç	je plant availa	able soil mo	isture in fiel	d. Samples ta	aken at a min	imum of 3 poin	nts in field. See document	ation tool gu	uide for instructions.			
		Soil Type			Inches/ft							
Sandy clay loams			ams	1.85								
	% Field C	apacity		Plant Available Water Above Maximum Allowable Depletion								
0-1 Ft	100%			2 - 7-1-1	0.925	Inches						
1-2 Ft	100%			Available Water	0.925	Inches						
2-3 Ft	100%				0.925	Inches						
				Available Water	2.775	Total inches in profile						
13b. Effectiv	e Precipitation	n				•						
7.47	inches	Summer (	Crop - Look	up effective	precipitation	n on tab 'Effe	ctive Precipitation Table	s'				

Winter Crop - Look up effective precipitation on tab 'Effective Precipitation Tables'

4.88

inches

Irrigated Crops Currently Planted Requiring Irrigation										
14. Crop Name/Type	17. Irrigation Method (Furrow, Flood, High Efficiency Sprinkler, Low Efficiency Sprinkler, Drip)		18. Percent Efficiency	19. Consumptive Water Use inches per acre	20. Gross Irrigation (inches per acre)	21. Total Irrigation (Acre- inches)	22. Irrigation Needed (Acre-Feet)			
Wheat	40	30.0	Low Pressure Center Pivot	85%	15.00	7.8	233.1	19.4		
Alfalfa		10.0	Low Pressure Center Pivot	85%	36.00	30.3	303.0	25.3		

Drop down menus/input				
Inputs from Drop Down Menu				
Calculations				

	Total Acres ← 40.0		Total V	Total Water Needed for Existing Crops —			536.1	44.7		
23. Irrigation Water S	upply Remaining for Inten	led Crop Plantir	ngs <b>99.3</b>							
Intended Crop Plantings							l	ı		
24. Crop Name/Type	25. APH Yield	26. Acres	27. Irrigation Method (Furrow, Flo High Efficiency Sprinkler, Low Efficiency Sprinkler, Drip)	d, 28. Percent Efficiency	29. Consumptive Water Use inches per acre	30. Gross Irrigation (inches per acre)	31. Total Irrigation (Acre- inches)	32. Irrigation Needed (Acre-Feet)		
Corn	180	80.0	Low Pressure Center Pivot	85%	26.81	19.5	1559.1	129.9		

Decision on Planting										
	33. Will there be enough water expected to generate the APH yield for the <u>crop intended to be planted?</u>									
	No									
34. Adjusted to water supply. How many acres of the crop could be grown?										
Corn	61	Acres		99.3	Gross Acre-Feet		19.5	Acre-Inches		

The producer documentation tool is a suggested method for producers to document the sources and amounts of irrigation water that they normally receive and compare them to expected amounts for the current irrigation season.

Use of this documentation tool is strictly voluntary. Producers may work individually with their insurance provider to document their planting decisions. Tool is not all-inclusive. It does not determine whether or not an insurable cause of loss is present nor determine the number of acres are eligible for prevented planting. This tool is not intended to replace any other documents required to be completed for insurance eligibility and payment determinations. As such, acceptance of any information included in the tool is subject to verification and approval by the insurance provider.

This tool was developed by Colorado State University Extension as a documentation aid for producers when assessing available irrigation water and making planting decisions. Colorado State University and the USDA do not control nor guarantee the accuracy, relevance, timeliness, or completeness of this information.

If you have questions, please contact: USDA-RMA-Topeka Regional Office, Telephone: 785-228-5512.