

RATTLESNAKE CREEK

Irrigation Innovation Project



Your help is needed to better understand irrigation efficiency.

Special opportunity to upgrade your irrigation system!

- 50% cost-share funds available-
Includes mobile drip systems.
- Free technical assistance- tailored to your individual operation.
Includes KanSCHED irrigation scheduling assistance.

Available in Rattlesnake Creek Watershed only; must be EQIP eligible.
Priority signup deadline **April 30, 2021**.

For more information, contact local project partners



Heidi Mehl
785.424.4164
heidi.mehl@tnc.org



Orrin Feril
620.234.5352
oferil@gmd5.org



Pat Janssen
620.546.4463
patmilanjanssen@gmail.com



K-STATE Jeff Davidson
620.583.4437
jdavidso@ksu.edu
Research and Extension

NRCS and K-State Extension offices in Edwards, Ford, Kiowa, Pawnee, Pratt, Reno, Rice, Stafford counties

Requirements: Must be located in the Rattlesnake Creek watershed and producer must be EQIP-eligible.

Program Options

Level 1		Level 2			
Base Technology		Base Technology (Level 1) + Irrigation System Improvement (select 1 below)			
Description	-Center pivot with real-time monitoring -Continuous rainfall monitoring -Aerial imagery -KanSched -Sensor	Sensor Options		Mobile drip irrigation- hybrid	System package improvement
		Soil moisture sensor	Plant based sensors	Autonomous pivot system	MDI on first 2 spans only
Estimated Cost	\$5,000-\$12,000	Circular planting	Straight row planting	Bubble with shroud	Fixed pad
		\$25,000-\$30,000		\$17,400	\$7,400
				\$13,000	\$8,600
50% cost share available for all levels and options subject to availability*					
Brand/ Model/ Type Examples**	Agsense FieldNet Watchdog Ceres	AquaSpy Trellis	Phytech	APS	Dragon-Line Precision Mobile Drip Irrigation
# Available	10	35	3	3	5
					2
					10
					2
ANALOGY					
Sandwich	Hamburger				Topping Available for Additional Cost
Cheese			Cheddar	Monterey Jack	Provolone
Bun	White	Wheat			Pepper Jack
		Pretzel			Brie
					American
Reduce irrigation costs • Save money • Increase water use efficiency					

*A maximum of 3 technology systems (Levels 1 & 2) per entity or agricultural producer will be funded through this project.

**Suggested suppliers sell equipment useful for irrigation. Brand names are for product identification purposes only. No endorsement is intended, nor is criticism implied of similar products not mentioned.