

HOW PLAYAS WORK VIDEO



Watch this short 3-minute video* to learn more about how playas recharge the Ogallala aquifer, provide critical wildlife habitat as they go through their natural cycle, and why it is important to restore and conserve them.

WATCH NOW: youtu.be/YZ0k7NWvGCU

PLAYA RECHARGE & WETNESS ESTIMATORS

The Playa Recharge & Wetness Estimators* provide an estimate for how much water recharges through individual playas and show patterns of wetness for playas in different seasons.

EXPLORE NOW: PlayaEstimators.com



PLAYA LAND USE CALCULATOR

Quick Compare						
Enter details in the blue cells about a farmed field that contains a pla	ya ("Baseline,	" below). Explore alternativ	ve choices for the field in	the section to the right ("Alternati	ve").	
/iew financial return at the bottom of the sheet, and move to the "Full	Results" tab t	o see the impact on your w	vater, wildlife, and finan-	cial bottom lines together.		
	BASELINE		ALTER	ALTERNATIVE		
	Farmed play	9	Grass pla	iya		
LAND USE						
State Kanege						
Cron Wheat						
Field size	160.0	ac		160.0 ac		
Playa size	10.0	ac		10.0 ac		
Acres in crops	160.0	ac		110.0 ac		
Acres not planted (playa plus grass buffer, if any)	0.0	90		50.0 ac		
COSTS						
Per-acre farming costs (seed, herbicide, etc.)	134.84	\$/ac		134.84 S/ac		
Not sure? Try the Cost Worksheet						
Playa restoration costs (producer's annual per-acre costs)	0.00	\$/ac		24.97 \$/ac		
Not sure? Try the Restoration + Program Worksheet						
DES VENUE						
REVENUE						
Expected price	5.35	\$ / bushel		5.35 \$ / bushel		
Yield on non-playa acres	47	bushels / ac		47 bushels / ac		
Yield on playa acres	37.6	bushels / ac		0 bushels / ac		
Selectopical viendo intens tache						
Additional revenue earned on grass acres (examples)						
hunting lease or grazing lease)	0.00	\$/ac		0.00 \$/ac		
Conservation program payment	0.00	\$/ac		140.00 \$/ac		

The Playa Land Use Calculator* helps producers explore tradeoffs and benefits of restoring a playa that is currently being farmed with customized calculations for individual operations, rates for conservation programs, and more.

DOWNLOAD NOW: pljv.org/playa-tools

*Developed with funding from Kansas NRCS

TIPS FOR ENROLLING YOUR PLAYA Migratory Birds, Butterflies & Pollinators CRP SAFE (CP38B)

PLAYA CONSERVATION IS A WIN-WIN FOR LANDOWNERS AND WILDLIFE

The Migratory Birds, Butterflies and Pollinators Conservation Reserve Program (CRP) State Acres for Wildlife (SAFE) practice is designed to provide landowners a market-based financial incentive for restoring playa wetlands.

Restored, healthy playas **improve water quality**, **increase groundwater recharge**, and **enhance habitat** for migrating waterfowl, cranes and shorebirds, as well as resident wildlife, butterflies and other pollinators.

A healthy playa has an intact clay basin — without excavated pits or ditches — that is not buried by sediment from nearby fields. Water from the surrounding watershed freely enters the basin through a native vegetative buffer without being diverted from the playa by roads, terraces or other impediments.

A FEW DETAILS ABOUT THE SAFE PROGRAM

- The program uses a competitive bid process.
- Offers should be somewhere between the NASS county-level dryland and irrigated rental rates.
- Offers compete within one of three designated areas, based on the playa location.
- No more than 50% of the offers from any one area will be accepted during a ranking period.

- Offers are accepted on a continual basis and will be ranked periodically.
- Offers are ranked on financial and ecological factors, including relative bid amount, size of playa, and thickness of the underlying aquifer.
- Offers not accepted can be rolled over to the next period or offers can be revised and resubmitted.
- See FSA factsheet for more details.

PLJV'S PLAYA LAND USE CALCULATOR CAN HELP YOU CREATE A COMPETITIVE BID

- The PLJV Playa Land Use Calculator (see other side to download) can help you create a competitive bid that meets your objectives.
- The Calculator helps determine the amount needed to enroll your playa, instead of farming it, and estimate playa restoration costs.
- Find out how much water you could be sending back into your groundwater supply and other benefits of playa restoration.

- Enter your own field details or use defaults to get a ballpark figure to help determine your bid amount.
- Compare good and bad years by adjusting crop prices, crop types, and how often crops are lost.
- Use the PLJV Playa Map (pljv.org/playamap) to find an estimate of aquifer thickness, which is one of the ranking factors, underneath individual playas.