

Appendix 9.3C Exchange Soil Offset Permanent Grassland Planting Practices and Offset Issuance Rates by Zone

Grassland Zone A:

States and counties included in Zone A are provided in this Appendix. Canadian provinces of Manitoba, Saskatchewan, Alberta and British Columbia are included in Zone A.³² Exchange Soil Offsets will be earned at a rate of 1.0 metric tons per acre per year to land managers who commit to maintain increases in soil carbon stocks realized as a result of grass cover plantings that were undertaken on or after January 1, 1999. Such grass cover must be maintained through 2010 on the acres specified upon project registration.

Grassland Zone B:

States and counties included in Zone B are provided in this Appendix. Exchange Soil Offsets will be earned at a rate of 0.4 metric tons per acre per year to land managers who commit to maintain increases in soil carbon stocks realized as a result of permanent (i.e. not harvested) grass cover plantings that were undertaken on or after January 1, 1999. Such grass cover must be maintained through 2010 on the acres specified upon project registration.

Appendix 9.3C Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Zone A Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Entire State	Colorado	Colorado
Alabama	Adams	Logan
Arkansas	Alamosa	Mineral
Connecticut	Arapahoe	Morgan
Delaware	Archuleta	Otero
Florida	Baca	Ouray
Georgia	Bent	Park
Illinois	Boulder	Phillips
Indiana	Broomfield	Pitkin
Iowa	Chaffee	Prowers
Kansas	Cheyenne	Pueblo
Kentucky	Clear Creek	Rio Grande
Louisiana	Conejos	Routt
Maine	Costilla	Saguache
Maryland	Crowley	San Juan
Massachusetts	Custer	Sedgwick
Michigan	Denver	Summit
Minnesota	Douglas	Teller
Missouri	Eagle	Washington
Montana	El Paso	Weld
Nebraska	Elbert	Yuma
New Hampshire	Fremont	
New Jersey	Garfield	
New York	Gilpin	
North Carolina	Grand	
North Dakota	Gunnison	
Ohio	Hinsdale	
Pennsylvania	Huerfano	
Rhode Island	Jackson	
South Carolina	Jefferson	
South Dakota	Kiowa	
Tennessee	Kit Carson	
Vermont	Lake	
Virginia	Larimer	
West Virginia	Las Animas	
Wisconsin	Lincoln	

Zone A Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Idaho	New Mexico	Oklahoma
Adams Benewah Boise Bonner Boundary Clearwater Custer Idaho Kootenai Shoshone Valley	Colfax Rio Arriba Taos	Adair Alfalfa Atoka Beaver Bryan Canadian Carter Cherokee Choctaw Cimarron Cleveland Coal Craig Creek Delaware Garfield Garvin Grady Grant Harper Haskell Hughes Jefferson Johnston Kay Kingfisher Latimer Le Flore Lincoln Logan Love

Zone A Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Oklahoma	Oregon	Texas
Major	Benton	Anderson
Marshall	Clackamas	Angelina
Mayes	Clatsop	Aransas
McClain	Columbia	Austin
McCurtain	Coos	Bastrop
McIntosh	Curry	Bell
Murray	Douglas	Bosque
Muskogee	Grant	Bowie
Noble	Hood River	Brazoria
Nowata	Jackson	Brazos
Okfuskee	Josephine	Burleson
Oklahoma	Lane	Burnet
Okmulgee	Lincoln	Caldwell
Osage	Linn	Calhoun
Ottawa	Marion	Camp
Pawnee	Multnomah	Cass
Payne	Polk	Chambers
Pittsburg	Tillamook	Cherokee
Pontotoc	Union	Collin
Pottawatomie	Wallowa	Colorado
Pushmataha	Washington	Comanche
Rogers	Yamhill	Cooke
Seminole		Coryell
Sequoyah		Dallas
Stephens		Delta
Texas		Denton
Tulsa		Eastland
Wagoner		Ellis
Washington		Erath
Woods		Falls
Woodward		Fannin
		Fayette
		Fort Bend
		Franklin
		Freestone
		Galveston
		Gonzales
		Grayson
		Gregg
		Grimes

Zone A Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Texas	Texas	Utah
Guadalupe	Newton	Cache
Hamilton	Nueces	Carbon
Hardin	Orange	Daggett
Harris	Panola	Duchesne
Harrison	Parker	Morgan
Henderson	Polk	Rich
Hill	Rains	Summit
Hood	Red River	Utah
Hopkins	Refugio	Wasatch
Houston	Robertson	
Hunt	Rockwall	
Jackson	Rusk	
Jasper	Sabine	
Jefferson	San Augustine	
Johnson	San Jacinto	
Kaufman	San Patricio	
Lamar	Shelby	
Lampasas	Smith	
Lavaca	Somervell	
Lee	Tarrant	
Leon	Titus	
Liberty	Trinity	
Limestone	Tyler	
Madison	Upshur	
Marion	Van Zandt	
Matagorda	Victoria	
McLennan	Walker	
Milam	Waller	
Mills	Washington	
Montgomery	Wharton	
Morris	Wise	
Nacogdoches	Wood	
Navarro		

Zone A Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Washington	Wyoming
Clallam	Big Horn
Clark	Campbell
Cowlitz	Converse
Ferry	Crook
Grays Harbor	Goshen
Island	Hot Springs
Jefferson	Johnson
King	Laramie
Kitsap	Lincoln
Lewis	Niobrara
Mason	Park
Pacific	Platte
Pend Oreille	Sheridan
Pierce	Sublette
San Juan	Teton
Skagit	Uinta
Skamania	Weston
Snohomish	
Stevens	
Thurston	
Wahkiakum	
Whatcom	

Zone B Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Entire State	Colorado	Idaho
Arizona California Nevada	Delta Dolores La Plata Mesa Moffat Montezuma Montrose Rio Blanco San Miguel	Ada Bannock Bear Lake Bingham Blaine Bonneville Butte Camas Canyon Caribou Cassia Clark Elmore Franklin Fremont Gem Gooding Jefferson Jerome Latah Lemhi Lewis Lincoln Madison Minidoka Nez Perce Oneida Owyhee Payette Power Teton Twin Falls Washington

Zone B Counties that Qualify for Exchange Soil Offsets for Grassland Planting

New Mexico	Oklahoma	Oregon
Bernalillo	Beckham	Baker
Catron	Blaine	Crook
Chaves	Caddo	Deschutes
Cibola	Comanche	Gilliam
Curry	Cotton	Harney
De Baca	Custer	Jefferson
Dona Ana	Dewey	Klamath
Eddy	Ellis	Lake
Grant	Greer	Malheur
Guadalupe	Harmon	Morrow
Harding	Jackson	Sherman
Hidalgo	Kiowa	Umatilla
Lea	Rogers Mills	Wasco
Lincoln	Tillman	Wheeler
Los Alamos	Washita	
Luna		
McKinley		
Mora		
Otero		
Quay		
Roosevelt		
San Juan		
San Miguel		
Sandoval		
Santa Fe		
Sierra		
Socorro		
Torrance		
Union		
Valencia		

Zone B Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Texas	Texas	Texas
Andrews	Dallam	Hudspeth
Archer	Dawson	Hutchinson
Armstrong	Deaf Smith	Irion
Atascosa	DeWitt	Jack
Bailey	Dickens	Jeff Davis
Bandera	Dimmit	Jim Hogg
Baylor	Donley	Jim Wells
Bee	Duval	Jones
Bexar	Ector	Karnes
Blanco	Edwards	Kendall
Borden	El Paso	Kenedy
Brewster	Fisher	Kent
Briscoe	Floyd	Kerr
Brooks	Foard	Kimble
Brown	Frio	King
Callahan	Gaines	Kinney
Cameron	Garza	Kleberg
Carson	Gillespie	Knox
Castro	Glasscock	La Salle
Childress	Goliad	Lamb
Clay	Gray	Lipscomb
Cochran	Hale	Live Oak
Coke	Hall	Llano
Coleman	Hansford	Loving
Collingsworth	Hardeman	Lubbock
Comal	Hartley	Lynn
Concho	Haskell	Martin
Cottle	Hays	Mason
Crane	Hemphill	Maverick
Crockett	Hidalgo	McCulloch
Crosby	Hockley	McMullen
Culberson	Howard	Medina

Zone B Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Texas	Texas	Utah
Menard	Sterling	Beaver
Midland	Stonewall	Box Elder
Mitchell	Sutton	Davis
Montague	Swisher	Emery
Moore	Taylor	Garfield
Motley	Terrell	Grand
Nolan	Terry	Iron
Ochiltree	Throckmorton	Juab
Oldham	Tom Green	Kane
Palo Pinto	Travis	Millard
Parmer	Upton	Piute
Pecos	Uvalde	Salt Lake
Potter	Val Verde	San Juan
Presidio	Ward	Sanpete
Randall	Webb	Sevier
Reagan	Wheeler	Tooele
Real	Wichita	Uintah
Reeves	Wilbarger	Washington
Roberts	Willacy	Wayne
Runnels	Williamson	Weber
San Saba	Wilson	
Schleicher	Winkler	
Scurry	Yoakum	
Shackelford	Young	
Sherman	Zapata	
Starr	Zavala	
Stephens		

Zone B Counties that Qualify for Exchange Soil Offsets for Grassland Planting

Washington	Wyoming
Adams	Albany
Asotin	Carbon
Benton	Fremont
Chelan	Natrona
Columbia	Sweetwater
Douglas	Washakie
Franklin	
Garfield	
Grant	
Kittitas	
Klickitat	
Lincoln	
Okanogan	
Spokane	
Walla Walla	
Whitman	
Yakima	