

## Dave Kubeczko - DNR

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**From:** Dave Kubeczko - DNR  
**Sent:** Monday, August 25, 2014 9:27 AM  
**To:** Dave Kubeczko - DNR  
**Subject:** FW: FW: Onsites for Elm Ridge IGS 419 and IGS 146  
**Attachments:** San Juan BasinPinyon\_Juniper\_sagebrush\_seed mix.pdf

Scan No 2107093

CPW CORRESPONDENCE and PROPOSED SEED MIX

2A#400647197

**From:** [Joyce Land Research \[mailto:jlr@animas.net\]](mailto:jlr@animas.net)

**Sent:** Tuesday, August 19, 2014 2:29 PM

**To:** Dave Kubeczko - DNR

**Cc:** Mike Finney; Anne Finney; Terry Lindeman

**Subject:** Seed mix for IGS 146

Hi Dave,

The landowners, Bob and Dixie Cherry, want Elm Ridge to use the DNR recommended seed mix for reclamation of the IGS 146. I am forwarding a post by Dixie Cherry confirming this below.

Thanks,

Doug Joyce  
Finney Land Co.  
970-769-0488

----- Original Message -----

**From:** [Dixie Cherry](#)

**To:** [Joyce Land Research](#)

**Sent:** Tuesday, August 19, 2014 1:29 PM

**Subject:** Re: Onsites for Elm Ridge IGS 419 and IGS 146

Yes use the seed mixture.

Bob & Dixie Chery

On Aug 19, 2014, at 12:54 PM, "Joyce Land Research" <[jlr@animas.net](mailto:jlr@animas.net)> wrote:

Hi Dixie,

Here is the seed mix that the Department of Natural Resources is recommending Elm Ridge use during the reclamation of the well location.

If you would like this mixture to be used, or not, just reply with a "yes" or "no" and I will forward this to the DNR.

Very best regards,

Doug Joyce  
970-769-0488

----- Original Message -----

**From:** [Magee - DNR, Brian](#)

**To:** [Dave Kubeczko - DNR](#) ; [jlr@animas.net](mailto:jlr@animas.net)

**Cc:** [Stephanie Schuler - DNR](#) ; [Jon Holst - DNR](#)

**Sent:** Friday, August 08, 2014 4:10 PM

**Subject:** Re: FW: Onsites for Elm Ridge IGS 419 and IGS 146

Doug-

Attached is the seed mix that CPW recommends using at the IGS 419 and the IGS 146. You indicated that you would discuss with the surface owners.

Let me know if you have any question or concerns.

Thanks,

Brian

**Ecotype: Pinyon/Juniper Woodlands-Sagebrush**

Species

GRASSES	Variety*	% of mix	FRPLS*	PLS rate/acre
Western wheatgrass	Arriba	10%	8	0.8
Bluebunch wheatgrass	Secar/Goldar	15%	10	1.5
Sandberg bluegrass	"UP release"	15%	2	0.3
Muttongrass	(UP Colona)	10%	1	0.1
Junegrass	Uncompahgre	15%	1	0.15
Indian ricegrass	White River	10%	6	0.6
Sand dropseed		10%	1	0.1
Blue grama	Hatchita	5%	1.5	0.075
Galleta	Viva	10%	6	0.6

\*Select 5 of 9 species based on availability

100%

\*recommended variety unless locally collected seed is available, in which case locally collected seed is preferred

\*based on drill seeding; 2x if broadcasting

FORBS	Variety*	% of mix	FRPLS*	PLS rate/acre
Utah sweetvetch	(UP Uncompahgre) TIMP	15%	15	2.25
Lewis flax	Maple grove	15%	4	0.6
Penstemon cyanocaulis* (bluestem)	(UP San Miguel)	15%	1	0.15
Penstemon comarrhenus (dusty)	(UP Delta)	15%	1	0.15
Penstemon palmeri (palmer)		15%	2	0.3
Penstemon eatonii (firecracker)		15%	1	0.15
Silky lupine -sericeus*		15%	20	3
Gooseberryleaf globemallow		15%	2	0.3
Oregon daisy	(UP Dry Fork)	15%	1	0.15

\*Select 5 of 9 species based on availability

SHRUBS*	Variety	PLS rate/acre
Artemesia** (+)		1
Fourwing saltbush		1
Winterfat	Hatch	1
Fringed sage		0.5
cliffrose		1

\*\*wyomingensis or nova depending on site

(+) to be included in all PJ/SS mixes

\*Select 3 of the 5 species based on availability

NOTE: (UP)- The UP varieties are in development and may not be available in sufficient quantities.

In which case, the most appropriate available variety should be utilized

Supply and availability should increase in future years

at which time the UP varieties should be used.