

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Friday, March 28, 2014 2:24 PM
To: dave.kubeczko@state.co.us
Subject: FW: seed mix
Attachments: San Juan BasinPinyon_Juniper_sagebrush_seed mix.pdf

Scan No 2106970

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400556887

From: Jon Holst - DNR [mailto:jon.holst@state.co.us]
Sent: Friday, March 28, 2014 11:30 AM
To: Dave Kubeczko - DNR
Subject: FW: seed mix

Dave – I passed this one, so please attach this seed mix to the 2A. Have a great weekend. Jon

From: Jon Holst - DNR [mailto:jon.holst@state.co.us]
Sent: Monday, March 24, 2014 9:24 AM
To: nystw@yahoo.com
Cc: Brian Magee - DNR
Subject: FW: seed mix

Dusty – as discussed at our onsite for the Dakota 33-5 #21-1, here is our recommended seed mix for that area. If you don't have any problems with it, I'll enter it into the COGCC database and pass the permit. Let me know if you have any questions. Thx. Jon

From: Magee - DNR, Brian [mailto:brian.magee@state.co.us]
Sent: Monday, March 24, 2014 8:29 AM
To: Jon Holst - DNR
Subject: seed mix

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Brian Magee
Colorado Parks and Wildlife
970-375-6707

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.