



OGMCOAL DNR <ogmcoal@utah.gov>

Fwd: [INTERNET] Re: FW: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: Seed Mix

Todd Miller <toddmiller@utah.gov>
To: OGMCOAL DNR <ogmcoal@utah.gov>

Tue, Oct 2, 2018 at 3:54 PM

Change to the seed mix for Deer Creek's Rilda Canyon reclamation:

----- Forwarded message -----

From: **Todd Miller** <toddmiller@utah.gov>

Date: Mon, Oct 1, 2018 at 9:55 AM

Subject: Re: [INTERNET] Re: FW: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: Seed Mix

To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>

Ok, thanks!

On Mon, Oct 1, 2018 at 9:42 AM Oakley, Dennis <Dennis.Oakley@pacificorp.com> wrote:

Salina Wildrye in the Sagebrush/Grass mix and the Blueleaf Aster in the P/J mix and Sagebrush/Grass mix

Dennis Oakley

Senior Mine Engineer

cid:image001.jpg@01D0AE62.F1A7ABF0

Huntington Office:

15 North Main Street | P.O. Box 310 | Huntington, Utah 84528

Phone: 435.687.4825 | Mobile: 435.650.9233 | Fax: 435.687.2695

dennis.oakley@pacificorp.com

From: Todd Miller [mailto:toddmiller@utah.gov]

Sent: Monday, October 01, 2018 8:55 AM

To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>

Subject: [INTERNET] Re: FW: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: Seed Mix

**** STOP. THINK. External Email ****

Hi Dennis,

Thanks for the heads up. Which plants are these replacing and in which seed mixes? I may be missing it, but I don't see that info in the chain. It may be in an attachment that didn't make it to me.

Thanks!

On Mon, Oct 1, 2018 at 7:06 AM Oakley, Dennis <Dennis.Oakley@pacificorp.com> wrote:

Todd,

We're reading to reclaim the Rilda 1st Right Portal area and have reached out to Stevenson Seed to provide the seed for us. Listed below in the email chain, they have two substitute species. I've told them to substitute these species and ready the order.

As always, I'll save the seed tags from the bags as we revegetate.

Best Regards,

Dennis Oakley

Senior Mine Engineer

 cid:image001.jpg@01D0AE62.F1A7ABF0

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dennis.oakley@pacificorp.com

From: Sales [mailto:sales@siseed.com]

Sent: Thursday, September 27, 2018 11:15 AM

To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>

Subject: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: Seed Mix

**** STOP. THINK. External Email ****

Substitute list.

Grasses

Great Basin Wildrye

Forbs

Showy Goldeneye

Thanks

Jason

Stevenson Intermountain Seed, Inc.

PO Box 2

Ephraim, UT 84627

Ph: 435.283.6639

Fax:435.283.4155

On 2018-09-27 11:32 am, Oakley, Dennis wrote:

Let's substitute. Please send me the substituted species and I'll pass them through DOGM.

Thanks,

Dennis Oakley

Senior Mine Engineer

cid:image001.jpg@01D0AE62.F1A7ABF0

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15 North Main Street | P.O. Box 310 | Huntington, Utah 84528

Phone: 435.687.4825 | Mobile: 435.650.9233 | Fax: 435.687.2695

dennis.oakley@pacificorp.com

From: Sales [<mailto:sales@siseed.com>]

Sent: Thursday, September 27, 2018 10:30 AM

To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>

Subject: [INTERNET] Re: [INTERNET] Re: [INTERNET] Re: Seed Mix

**** STOP. THINK. External Email ****

Sounds great, we will plan on it. Would you like to substitute the unavailable species or increase lbs of another one?

Thanks,

Jason

Stevenson Intermountain Seed, Inc.

PO Box 2

Ephraim, UT 84627

Ph: 435.283.6639

Fax:435.283.4155

On 2018-09-27 10:41 am, Oakley, Dennis wrote:

Thanks for the quick response. We'll probably start seeding in mid to end of November to first part of December. Maybe have the seed available by November 13th.

Dennis Oakley

Senior Mine Engineer

cid:image001.jpg@01D0AE62.F1A7ABF0

Huntington Office:

15 North Main Street | P.O. Box 310 | Huntington, Utah 84528

Phone: 435.687.4825 | Mobile: 435.650.9233 | Fax: 435.687.2695

dennis.oakley@pacificorp.com

From: Sales [<mailto:sales@siseed.com>]

Sent: Thursday, September 27, 2018 9:35 AM

To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>

Subject: [INTERNET] Re: [INTERNET] Re: Seed Mix

**** STOP. THINK. External Email ****

Hi Dennis,

Here are the price quotes(3). There shouldn't be too long of a lead time if we can make a couple changes to the seed mix's(see quotes). We have everything else in stock, even with the high demand we always try and keep some on hand for our loyal customers. When do you need the seed by?

Thanks,

Jason

Stevenson Intermountain Seed, Inc.

PO Box 2

Ephraim, UT 84627

Ph: 435.283.6639

Fax:435.283.4155

On 2018-09-24 5:00 pm, Oakley, Dennis wrote:

Thanks...will there be an extended lead time? I kind of figured with all the wildfires throughout the west your seed supply would be running in short supply.

Dennis Oakley

Senior Mine Engineer

 cid:image001.jpg@01D0AE62.F1A7ABF0

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Phone: 435.687.4825 | Mobile: 435.650.9233 | Fax: 435.687.2695

dennis.oakley@pacificorp.com

From: Sales [<mailto:sales@siseed.com>]
Sent: Monday, September 24, 2018 12:43 PM
To: Oakley, Dennis <Dennis.Oakley@pacificorp.com>
Subject: [INTERNET] Re: Seed Mix

**** STOP. THINK. External Email ****

Sorry for the delay, I got your message and we will start working on this right away

On 2018-09-20 4:56 pm, Oakley, Dennis wrote:



Jason,

Shown below are the seed mixes we need for a reclamation project. What is the availability and what is the lead time? The acreage of each is follows: Sagebrush/Grass = 5 acres, White fir/Aspen = 3 acres, and Pinyon/Juniper = 3 acres.

Could you also quote me a price? I'll need a quote to requisition a purchase.

Portal Facility site:

Table 2: Seed Mixture (Pinyon-Juniper/Mountain Brush)

Common Name	Scientific Name	Lbs/Acre Equivalent PLS*
Grasses		
Bluebunch Wheatgrass	Agropyron spicatum	2.0
Sandberg Bluegrass	Poa secunda	1.0
Great Basin Wild Rye	Leymus cinereus	2.0
Indian Ricegrass	Oryzopsis hymenoides var. Paloma	1.0
Western Wheatgrass	Agropyron smithii var. Rosanna	3.0
Forbes		
Blueleaf Aster	Aster glaucodes	0.25
Blue Flax	Linum lewisii	0.25
Louisiana Sage	Artemisia ludoviciana	0.2
Northern Sweetvetch	Hedysarum boreale	1.0

Palmer Penstemon	Penstemon palmeri	0.5
Shrubs		
Snowberry	Symphoricarpus oreophilus	0.5
Curleaf Mahogany	Cercocarpus ledifolius	1.0
Fourwing Saltbush	Atriplex canescens	2.0
Saskatoon Serviceberry	Amelanchier alnifolia	1.0
True Mountain Mahogany	Cercocarpus montanus	1.0

* Pure Live Seed

Table 3: Seed Mixture (Sagebrush/Grass)

Common Name	Scientific Name	Lbs/Acre Equivalent PLS*
Grasses		
Salina Wildrye	Elymus salinus	2.0
Needle and Thread Grass	Stipa comata	3.0
Sandberg Bluegrass	Poa secunda	2.0
Indian Ricegrass	Oryzopsis hymenoides var. Paloma	3.0
Western Wheatgrass	Agropyron smithii var. Rosanna	2.0

Forbes

Blueleaf Aster	Aster glaucodes	0.5
Blue Flax	Linum lewisii	1.0
Louisiana Sage	Artemisia ludoviciana	0.2
Northern Sweetvetch	Hedysarum boreale	1.0
Palmer Penstemon	Penstemon palmeri	0.5

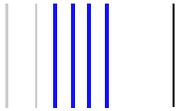
Shrubs

Bitterbrush	Purshia tridentate	1.0
Fourwing Saltbush	Atriplex canescens	2.0
Snowberry	Symphoricarpos oreophilus	1.2

* Pure Live Seed

Table 4: Seed Mixture (White Fir/Aspen)

Common Name	Scientific Name	Lbs/Acre Equivalent PLS*
Grasses		



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Todd Miller

Biologist/Range Scientist
Utah Division of Oil, Gas and Mining
(801) 538-5262
toddmiller@utah.gov

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Todd Miller

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Utah Division of Oil, Gas and Mining
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2 attachments



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