From: Terry Messmer
To: Noreen Walsh
Cc: Pat Deibert
Subject: Re: New Sage-grouse Research
Date: Saturday, July 18, 2015 8:54:54 AM

Noreen. Great. Are you guys getting our monthly field updates. They are posted on our web site. Basically our production remains good despite low snowpack. We had timely rains which help and things are still green. Overall leks counts are up 19 percent. But we have a problem area. The sheeprocks. Terry

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Noreen Walsh
Sent: Friday, July 17, 2015 1:23 PM
To: Terry Messmer
Cc: Pat Deibert
Subject: Re: New Sage-grouse Research

Thank you for forwarding Terry, I look forward to reading it.
Noreen

Noreen Walsh
Regional Director
Mountain-Prairie Region
U. S. Fish and Wildlife Service

On Jul 17, 2015, at 1:13 PM, Terry Messmer <terry.messmer@usu.edu> wrote:

> Noreen and Pat
>
> The attached is the long awaited paper reporting a case history of sage-grouse and livestock grazing at Deseret Land and Livestock (DLL). It is in-press and will be available through open access in the Journal of Rangeland Management and Ecology.
>
> Well management grazing by domestic livestock may afford the most cost-effective landscape level strategy to maintain sage-grouse habitat heterogeneity. We are preparing another paper on the role of grazing in maintaining the habitat heterogeneity in the Parker MT popn.
>
> We hope this paper provides additional stimulus to the conversation of the Three Creeks BLM fragmented allotment to a landscape level allotment similar to DLL.
>
> We also point out in the paper, that although grazing can be a compatible strategy, the things we sometimes to prepare for grazing – brush control – can have vital rate consequences.
>
> Please let me know if you have any questions

Best

Terry Messmer

<DLL_20yrs_SageGrouse_IN_PRESS.pdf>