



Site 39 Inland Ranges Habitat Restoration Status Update

November 19, 2015

Seed Collection

- Completed 2015 seed collection (9.27 acres worth of seed)
- All seed targets were achieved with one exception, purple needlegrass (*Stipa pulchra*)
 - Purple needlegrass target was 7.0 pounds
 - Purple needlegrass collected was 6.0 pounds
 - Burleson proposes to collect mixing target next season

Five Seed Production Plots

- Blue wildrye (*Elymus glaucus*) - 200 pounds
- Common yarrow (*Achillea millefolium*) - 80.3 pounds
- Purple needlegrass (*Stipa pulchra*) – no crop until 2016
- Deerweed (*Acmispon glaber*) – no crop until 2016
- Rush rose (*Helianthemum scoparium*) – failed



Figure 1 – Purple needlegrass plot.



Figure 2 – Purple needlegrass close up.



Figure 3 – Deerweed plot.



Figure 4 – Deerweed close up.



Figure 5 – Common yarrow plot.



Figure 6 – Common yarrow close up.

Seed Broadcast

- Preparing 9.27 acres worth of seed for broadcast at HAs 26, 28, 34 and 37
 - November 5th – 0.36 acres worth of seed was broadcast at HA 28
 - November 10th – additional seed was broadcast at HA 28

Plant Inventory

- Plant inventory is approximately 90% complete
- Anticipate a complete plant inventory in early December

Erosion Control Repairs

- Completed erosion control repairs at HAs 28 and 37

Monitoring

- Completed 2015 plant survivorship monitoring

Table 1				
Survivorship Monitoring				
Per Historic Areas 19, 28, 29, 37 & 38				
HA	2013	2014	2015	
19	46%	54%	58%	
28	-	-	87%	
29	84%	89%	87%	
37¹	-	77%	72%	
37²	-	-	57%	
38¹	-	95%	95%	
38²	-	-	92%	

¹Planted in 2014

²Planted in 2015