



## Site 39 Inland Ranges Habitat Restoration Status Update

October 12, 2016

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### Plant Propagation

- On track to hit 2016 plant targets: 8,631 plants (4.37 acres worth of plants for HAs 34 and 37)

### Seed Collection

Table 1. 2016 seed collection targets and collection status as of 10/5/2016.

2016 Seed Collection Targets and Collection Status (10/5/2016)				
Species	Common Name	Seed Target (lb)	Collected Seed	Processed Seed
<i>Adenostoma fasciculatum</i>	chamise	4.0	✓	✓
<i>Artemisia californica</i>	California sagebrush	8.0	in process	
<i>Baccharis pilularis</i>	coyote bush	4.0	in process	
<i>Ceanothus rigidus</i>	Monterey ceanothus	4.0	✓	✓
<i>Ceanothus dentatus</i>	dwarf ceanothus	4.0	✓	✓
<i>Ericameria fasciculata</i>	Eastwoods gold fleece	0.4	✓	✓
<i>Eriophyllum confertiflorum</i>	golden yarrow	5.2	✓	✓
<i>Helianthemum scoparium</i>	rush-rose	4.0	✓	✓
<i>Lupinus arborius</i>	yellow bush lupine	2.0	✓	✓
<i>Lupinus chamissonis</i>	silver bush lupine	1.0	✓	Missed target
<i>Lupinus nanus</i>	sky lupine	1.0	✓	✓
<i>Mimulus aurantiacus</i>	sticky monkey flower	0.4	in process	
<i>Nassella pulchra</i>	purple needlegrass	1.0	✓	✓
<i>Salvia mellifera</i>	black sage	4.0	in process	
<b>Total</b>		<b>43.0</b>		

### Production Seed

Table 2. Bulk weights and seed test results for 2016 production seed.

2016 Seed Production						
Scientific Name	Common Name	Bulk Weight of Seed (lb)	Pure Seed (%)	Germination (%)	Pure Live Seed (lb)	Live seeds per lb
<i>Achillea millefolium</i>	white yarrow	56.3	73.50%	45%	18.62	NA
<i>Elymus glaucus</i>	blue wildrye	200.0	99.17%	93%	184.46	114,063
<i>Acmispon glaber</i>	deerweed	88.0	74.75%	68%	44.73	NA
<i>Stipa pulchra</i>	purple needle grass	58.7	99.03%	70%	40.69	NA



### Seed Broadcast

- Preparing seed mixes for seed broadcast
- Planning to broadcast 8 acres of area with seed this fall/early winter
  - 4 acres of area at HA 19 with collected seed
  - 4 acres of area at multiple HAs with production seed

### Erosion Control Repairs

- Continuing with "dry season" erosion control repairs HAs 27A, 28, 34 and 37



Photos 1 & 2: Before and during erosion control repairs at HA 27A.



Photos 3: After erosion control repairs at HA 27A.