A mosaic approach to forb-and-grass-land restoration in a heterogenous landscape

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Barbed goatgrass
Red brome
Soft chess
Italian rye grass
Wild oats
Medusahead
Hairy vetch
Annual sweet clover
Yellow starthistle and Tocalote
• Work from areas with native plants towards weed-infested areas.
• Make minimal disturbance.
• Let native plant regeneration dictate rate of weed removal.

-Eileen and Joan Bradley
Generalized Work Progression

Year 1
• Prescribed burn or mow (optional).

Year 2-4
• Early-season clethodim boom-spray (avoiding pockets with broadleaf weeds) with follow up to catch resprouts.

Year 5-7
• Early and mid-season clethodim spot-spray for non-native annual grass (still avoiding broadleaf-weed pockets).
• Late-season hand-pull for barbed goatgras.

Year 8-10
• Same as year 5-7 and expand clethodim applications to areas with grass and broadleaf weeds.
• Spot-spray (Transline or Milestone) and hand-pull Centaurea spp., Vicia spp., Melilotus spp., some others.

Year 11-19+
• Spot-spray and hand-pull as needed about twice a season.
Management zone

- Control most non-natives
- Control barbed goatgrass
- Control barbed goatgrass + grazing

Fall 2022 prescribed fire

0.25 Miles
1/8 tsp Lupinus bicolor
1 scoop Plantago erecta
2 scoop Clarkia purpurea (Hedgerow)
3 scoop Holocarpha virgata
1/2 cup Asclepias eriocarpa (Hedgerow)
43 Lupinus succulentus
2 scoop Achyraena mollis
1/4 tsp Cordylanthus pilosus
1 1/2 tsp Lasthenia sp.
3 scoop Microseris douglasii
1 scoop Trifolium fucatum
2 tsp Achillea millefolium
1/4 tsp Madia elegans
pinch Agoseris heterophylla
~20 Tritilleia laxa
~10 Madia gracilis Scoop
1 scoop Hemizonia congesta
pinch Agoseris grandiflora
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