

Rangeland Restoration Project at Horsethief State Wildlife Area



Colorado Parks and Wildlife

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- pretreatment plant community: greasewood and cheatgrass
- Aug 2012: grubbed off greasewood, then Plateau @ 4oz/ac
- Nov 2012: seeded native mix with pothole seeder. 2 of 4 polygons also received super-absorbent polymer (SAP)
- ~7ac treated

Pre-treatment





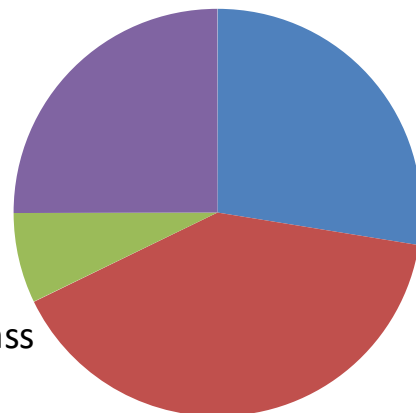
SEED MIX

- Western yarrow
- Indian ricegrass
- Wyoming Sagebrush
- Fourwing saltbush
- Blue Gramma
- yellow rabbitbrush
- bottlebrush squirreltail
- Streambank wheatgrass
- slender wheatgrass
- Thickspike wheatgrass

- rubber rabbitbrush
- Aspen fleabane
- Sulfur flower buckwh
- Utah sweetvetch
- needle and thread
- winterfat
- Lewis flax
- western wheatgrass
- Dusty Penstemon
- Palmer penstemon
- Sandberg Bluegrass
- bluebunch wheatgras

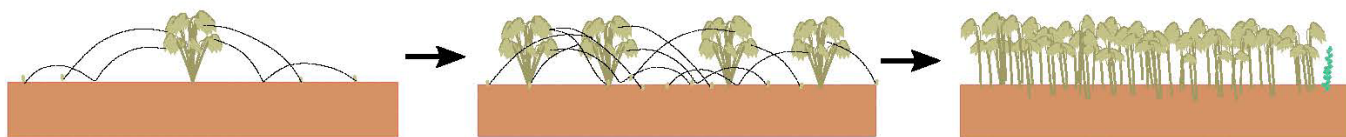
1100 seeds/m²
 22 PLS lbs/ac

- forb
- bunchgrass
- rhizomatous grass
- shrub



by seed number

FLAT SEEDING



POTHOLE SEEDING

- Buries weed seeds under mounded soil
- Keeps weed seeds from spreading out
- Traps weed seeds in holes, where wetter conditions favor perennials