

Restoration Update
November 22nd



An aerial photograph of a vast, dry, and hilly landscape. A large, irregular area in the center-right is outlined in red. To the left of this area, there is a smaller, roughly circular area that has been recently seeded, showing a different texture and color. A dirt road or path runs horizontally across the middle of the image. In the top left corner, there is a small cluster of buildings and some trees.

Seeding

East Crested

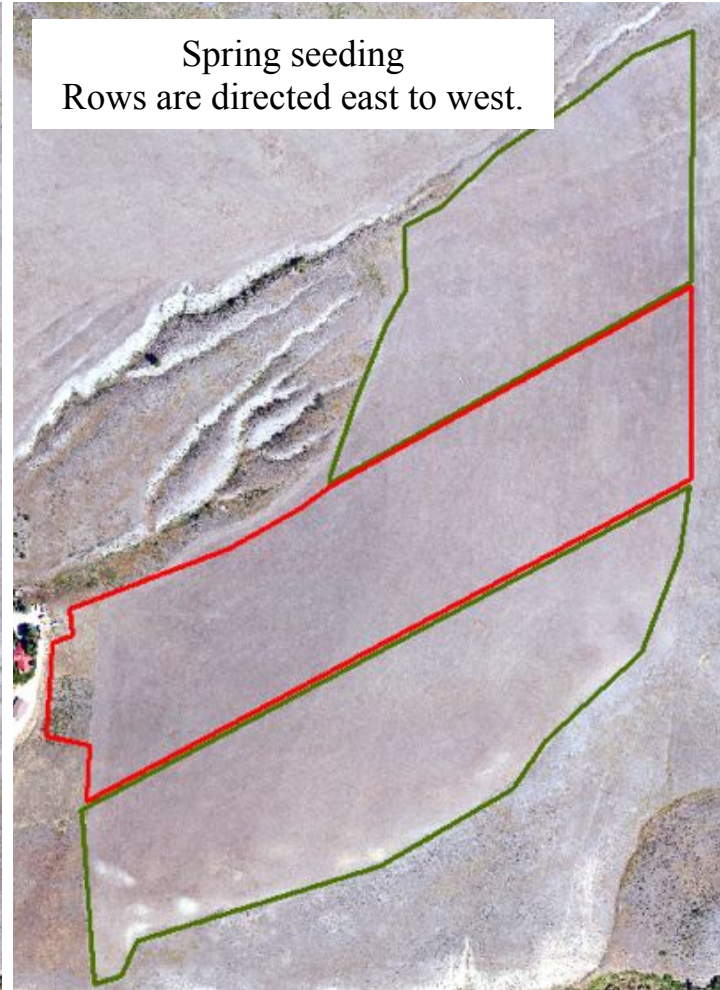
We finished seeding crested wheatgrass restoration areas to sainfoin and winter wheat this week. East crested was the last area seeded. The recommended sainfoin seeding rate for non-irrigated lands is 34 lbs. per acre. We increased this rate to 44 lbs. per acre to produce a dense stand.



Orchard House hill was the last large area planned for seeding this fall. We finished seeding in the dark the night before a cold front arrived. Surface soil was frozen solid the next morning.



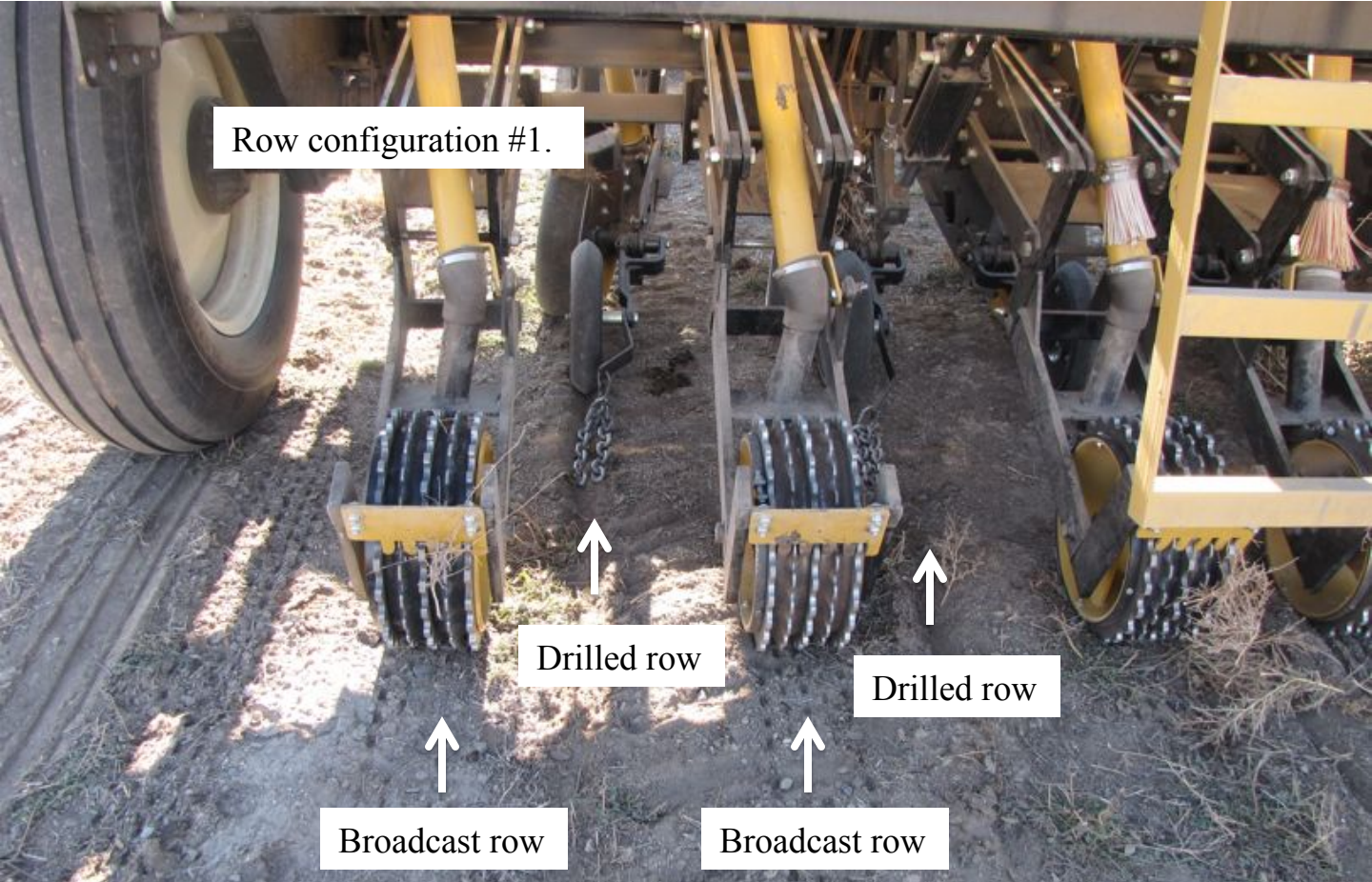
Fall seeding Spring seeding
Rows are directed north to south. Rows are directed east to west.



Response	Percentage
Yes, the U.S. should take action	85%
No, the U.S. should not take action	15%

Drilled rows

Broadcast rows



Seeded Species

The results from our “nurse-plant” study showed little difference in bitterbrush seedling growth when plants were grown next to bottlebrush squirreltail or without competition. We used this information to direct how bitterbrush is drill-seeded on Orchard House hill. Bitterbrush, bottlebrush squirreltail, and small amounts of Sandberg bluegrass were seeded to a single row.



One to three forb species were combined in each broadcast row to limit heterospecific competition.

Drill seeded species

Sandburg Bluegrass
Idaho Fescue
Bluebunch Wheatgrass
Snake River Wheatgrass
Blue Grama
Bottlebrush Squirreltail
Slender Wheatgrass
Thickspike Wheatgrass
Prairie Junegrass
Indian Ricegrass
Winter Wheat
Sainfoin

Broadcast species

Blanketflower
Munro Globemallow
Rocky Mountain Penstemon
Purple Prairie Clover
Prairie Coneflower
Western Yarrow
Lewis Flax
Plains Coreopsis

Spring seeding will take place as early in the spring as possible.

An aerial photograph of a landscape with various terrain features, including a river on the left and a road at the bottom. Overlaid on the image are several colored polygons: red outlines for native seeding areas, blue outlines for cover crop seeding areas, and green fills for food plot areas. The polygons are scattered across the landscape, with a large red-outlined area in the upper left, a large blue-outlined area in the center, and several green-filled areas, including a large one in the lower right.

Total Seeded Areas 2013

Native seeding areas are represented by red polygons. Blue polygons enclose areas seeded to cover crops (sainfoin and winter wheat). Food plots areas are depicted in green.

Orchard House Hill and South Crested Restoration Areas

