(Y)

Simplot 4/14/06 7:25 A - 1:50 PM
Clear 40's to start w/ Doug
and John Spencer

6, 7 are area not disturbed

13 area proposed for release
perennial cover (doesn't have weeds)
10, 12, 30, 20, 35 = 21.4 Looks better higher
(Bluebunch ARTRW, CWG, GUSA,
Cryptantha, AGSM)

Area 2 46.0
75 45 15 50 55
Looks like native ARTRW dominates

Area 3 50.0
60, 70, 30, 45, 45
Much more crested, fewer shrubs
Some ARTRW, GUSA, invading JUOS

Pond by the side of the road has
been repaired.
CWG, IWG, Alfalfa, *
Kochia, 4W, wg 10.5
* Dominant below 18

Not a lot of weeds.
other areas had more 4-wing, ARTR, CWG, AGDA
40, 30, 30, 25, 35.4

2002 area Big Sage
10 20 35 60 65 35 20, 55

(2)

Panel B by Hot Spot
35 60 15 5 7 9 (36%)

Won't redrill slope
Area to south & east looks good
Part of top has a lot of cheatgrass —
needs herbicide treatment?

By Pond (34%)

313
8 0 60 20 50 30 65 60 20

hill and top fair amount of cheatgrass
15 20 15 5 0 8 9%
45 (14)

98
313
16 4|19|

(26)

1. Type of seed mixture used
2. Type of organic amendment used
3. Fertilizer used

Seed Mixture

Two types of seed mixtures will be used in the study. These mixtures will contain grasses, forbs, or shrubs that are tolerant to silt and clay and are suited for the climate. The seed mixtures that will be used in the study are shown below:

Mixture #1 (Mine Mixture)

Common Name	Rate lbs/ac (PLS)
'Hycrest' crested wheatgrass	1.1
Intermediate wheatgrass	2.2
Orchard grass	1.1
Basin wildrye	3.3
Indian ricegrass	3.3
Ladac alfalfa	2.2
Yellow sweetclover	1.1
Palmer penstemon	1.1
Small burnet	3.3
Mountain big sagebrush	0.2
Wyoming big sagebrush	0.2
4-Wing saltbrush	2.2
Rubber rabbitbrush	0.5
Forage kochia	1.1
Bitterbrush	2.1
Total	25.0 lbs./ac.

Mixture #2 (Nurse Crop)

Common Name	Rate lbs/ac (PLS)
'Hycrest' crested wheatgrass	1.5
Orchardgrass	1.5
Intermediate wheatgrass	3.0
Basin wildrye	4.5
Ladac alfalfa	3.0
Yellow sweetclover	1.5
Total	15.0 lbs/ac