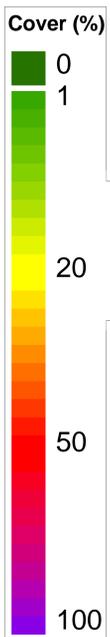
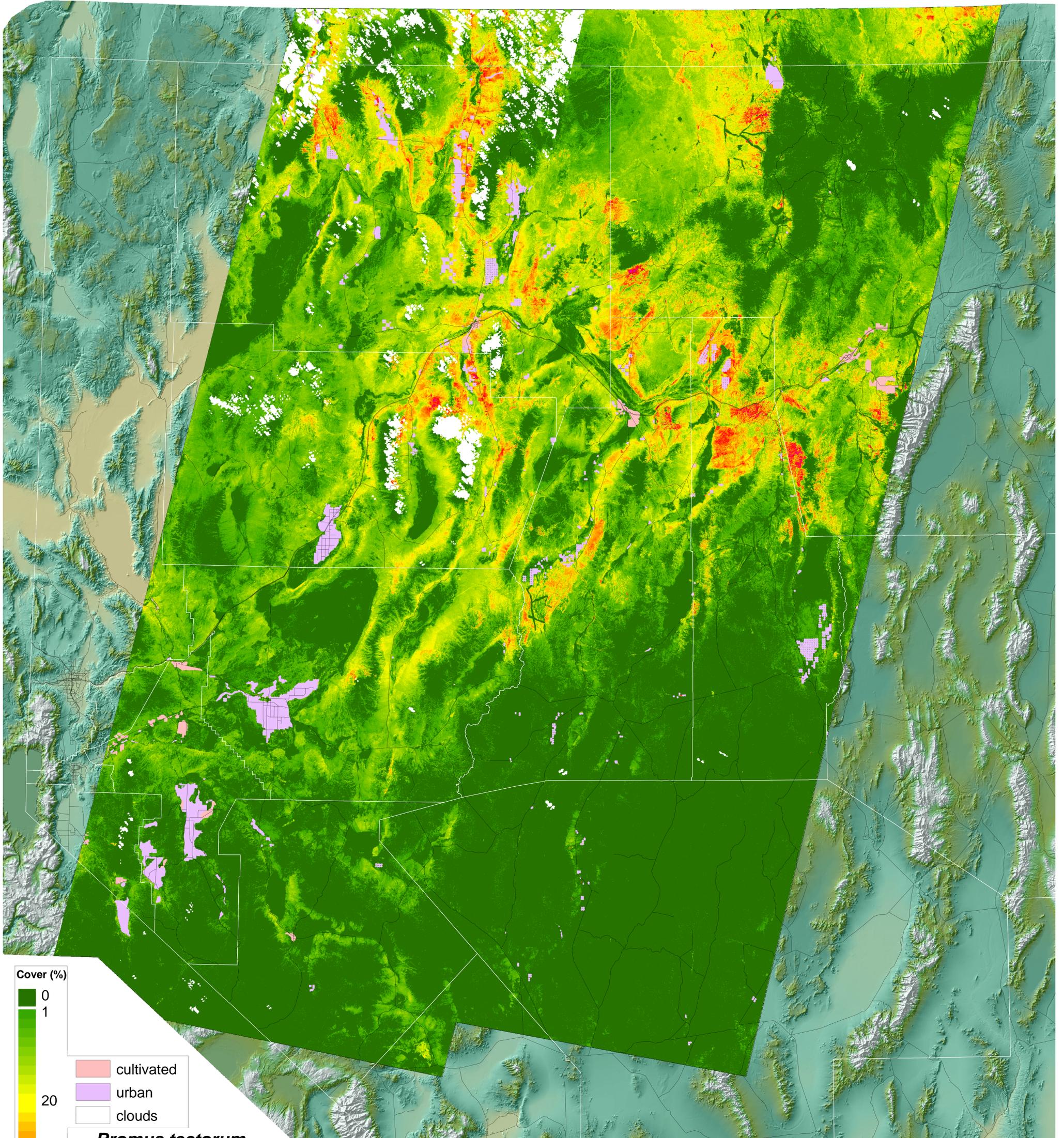


Cheatgrass - Estimated Percent Cover from 2001 Satellite Imagery



- cultivated
- urban
- clouds

Bromus tectorum

(cheatgrass) cover estimated from the early green-up and early senescence (yellowing) as detectable in Landsat 7 ETM+ imagery, corrected for elevation. Accuracy assessment shows RMS (typical) Error of less than 10 percent. Significant overestimation is known in the eastern Owyhee area. Project by Eric Peterson, NvNHP, December 2003.

early season



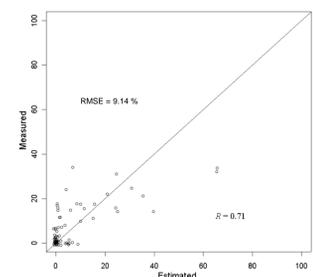
late season



training plots



accuracy plots



Nevada
Natural Heritage
Program

Figure 11: Estimated versus actual percent cover at the 75 assessment sampling plots (points jittered by up to +/- 1 in order to view overlapping points at or near the origin). The line represents the 'ideal' one-to-one relationship.