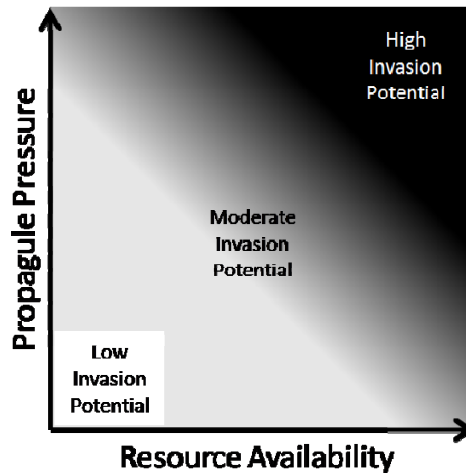


## Research Updates for Utah Juniper-Pinyon Woodlands- May 25, 2010

### Vegetation and Resource Response to Treatments:

- Burn with high perennial grass cover or mechanically treat at Phase I or II to avoid freeing up resources for invasion.



### Fuel and Vegetation Response to Shredding and Prescribed Burning Treatments:

- Follow-up cool season burning after mechanical treatments in dense juniper due to high surface-fuel loads.
- Control invasive species early before desired plants are weakened or lost.
- If cheatgrass is present, it can quickly return to at least pre-treatment levels without planting.

### Evaluation of the Relationship between Remotely Sensed and Ground-Reference Variables:

- Utilizing multiple remote sensing platforms will allow us to better determine where to prioritize fuel management strategies
- High-resolution imagery can be used for monitoring purposes however, further refinement of methods needs to be evaluated
- Remotely-sensed imagery makes long-term monitoring on a landscape scale more feasible by reducing costs of ground based data collection.
- Rangeland Assessment and Monitoring Methods Guide:  
<http://www.rangelandmethods.org>