### Grazing Plan Checklist/Worksheet

**Producer’s Name:**  
**Tract(s):**  ____

**Producer's Objectives (Check all that apply): Circle the X below**

- Increase forage diversity  
- Improve grazing utilization  
- Increase profit  
- Increase the # of livestock  
- Grassed-based dairy.  
- Reduce the reliance on outside sources (rented pasture, feed supplement)  
- Extend the grazing season (move toward year long grazing)  
- Grass-finished, organic, or direct market niche markets

**IS THIS Operation More of a Business X X X X X X Hobby**

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**Soils Basics**

- Last yr. soils tested  ____  
- Last yr. lime applied  ____  
- Last yr. fert.  ____  

**Forage Information (may be easiest to mark on map)**

- Current grazing method (continuous, rotational, MIG, High Density)
- **Forage species** in each paddock
- Estimates % of Tree cover if applicable per paddock
- Hay fields *(Label with forage species)* i.e. Alf/Brome
- Are hay fields ever grazed (Yes NO) if yes approx when and how long
- Cropland Acres Gleaned
- Grazing season extended (stockpile, plant turnips etc., plant forage sorghum etc.)
- **Additional tracts available for grazing or haying:** If yes how much is part of this grazing system? Acres grazed  ____; Acres Hayed  ____

**Weed or brush problems in paddocks list the paddock & problem**

- Thistles- Canada  
- Multiflora Rose  
- Locust

**Are there health problems in the herd(s) or paddocks?**

- Poor rates of gain  
- Breeding problems  
- Calving problems

**Plan Map Items**

- # of paddocks: Existing  ____  Planned  ____
- Pasture Condition Score (attach score sheet)
- Mark Existing and Planned Fences on the map
- Is Fence Electrified? (Yes NO) If yes is temporary fence used (Yes NO)
- Perimeter Fence (Barbed, Hi Tensile, Woven) No. of wires (1 2 3 4 5 6 7 8+)
- Cross Fence Type (Barbed, Hi Tensile, Woven/Net) No. of wires (1 2 3 4 5 6 7 8+)
- Erosion or other concerns on the map for follow-up and discussion
- Fields the producer wants to plant to pasture or hay-Label on Map
- Stream Crossings, Heavy Use Protection, Riparian Areas – Mark on map
- CRP acres adjacent that could be grazed (1/2 annually or all every other year)

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USDA is an equal opportunity provider, employer and lender.
### Livestock Information

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<tr>
<th></th>
<th># of Head Current &amp; (Planned)</th>
<th>Average Weight</th>
<th>Default Weight</th>
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<tbody>
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<td><strong>CATTLE</strong></td>
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<tr>
<td><strong>COW</strong></td>
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<td>1300</td>
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<tr>
<td><strong>BISON</strong></td>
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<td>400</td>
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<tr>
<td><strong>ELK (75% AUE)</strong></td>
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<td>1050</td>
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<td><strong>YEARLING/REPLACEMENTS</strong></td>
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<td>1050</td>
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<td><strong>BULLS</strong></td>
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<td>2100</td>
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<tr>
<td><strong>STOCKERS/BACKGROUND</strong></td>
<td></td>
<td>750</td>
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<tr>
<td><strong>Sheep</strong></td>
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<tr>
<td><strong>Ewe</strong></td>
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<td>140</td>
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<tr>
<td><strong>Replacement ewe lambs</strong></td>
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<td>100</td>
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<tr>
<td><strong>Ram</strong></td>
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**Grazing Months for this pasture system**

**Breeding Season** (Year round, 90 day, 60 day, AI, Embryo Trans, Other _________________)


**Number of Herds** (1 2 3 4 more ___________)

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### Watering Basics

- **No. of Animals (A)**
- **Daily water needs (W)**
  - 20*___gal/day/pair
  - **Tank Capacity (C)** ___gal.

#### Individual Watering Math

- *cow/calf pair (can be changed for other stock/reason)

#### Intensive Grazing System (Individuals water alone)

**Pipeline Capacity (Q) gpm**
- **[(A x W) –C] +720 = _____ gpm**

**OR:** (Pick one or other based distance to H20)

#### Herd Watering Math

- **Herd Watering** (assume 3 watering events/day, 30 min. per watering event)
- Use the greater of these two equations:
  - **Pipeline Capacity (gpm)**
    - **Q = [(A x W +3) –C] +30 = _______ gpm** (is trough large enough?)
    - **Q = A x W +240 = _______ gpm** (is supply rate enough?)

#### Livestock H20 sources

- (Pond, Well, Creek, Rural Water, Other ___________)

**Are sources dependable? (Yes No)**

- **Are troughs frost free? (Yes No)**

**Pump type if applicable (electric, solar, ram, nose, other _________________)**

**Location/elev. of pressure tank _____**

**Depth to static water level in well ____ ft.**

**Pressure tank settings:**

- **Current:** On ____ p.s.i., Off ____ p.s.i.
- **Possible:** On ____ p.s.i., Off ____ p.s.i.

**Capacity of pressure tank ____ gallons**

**Pond water elevations:** trough outlet _______ & highest water elev. _______

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