



## AWES Planting Assessment Worksheet

- Name: \_\_\_\_\_
- Address: \_\_\_\_\_
- Email: \_\_\_\_\_
- Phone: \_\_\_\_\_

### Problem and Goal Definition

#### *Problem(s)*

- What is the problem you are looking to solve? \_\_\_\_\_  
\_\_\_\_\_
- How long has this been a problem? \_\_\_\_\_  
\_\_\_\_\_
- Do you know why this problem came about? \_\_\_\_\_  
\_\_\_\_\_

#### *Goal(s)*

- What would success/solving this problem look like to you? \_\_\_\_\_  
\_\_\_\_\_
- Desired services:  Erosion control  Water filtration  Flood risk reduction  
 Groundwater recharge  Water cooling  Snow trapping  Shelter/microclimate  
 Food  Forage  Fuel  Timber  Wildlife habitat  Recreation  Other \_\_\_\_\_

Explanation:

- How quickly do you want to achieve all of this? \_\_\_\_\_
- What help do you need in getting you there? \_\_\_\_\_  
\_\_\_\_\_

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## Site Characteristics

*General Description Including Land-Use History and Future*

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### Microclimate

- Moisture regime (highlight/colour in the range in moisture conditions at the site):



- Light:  Full sun  Partial shade  Full shade
- Prevailing winter winds (circle all that apply):  ↑  ↗  →  ↘  ↓  ↙  ←  ↖
- Prevailing summer winds (circle all that apply):  ↑  ↗  →  ↘  ↓  ↙  ←  ↖
- Windspeed:  High  Medium  Low

### Soils

- Soil texture:  Sand  Loamy sand  Sandy loam  Silty loam  
 Sandy clay loam  Clay loam  Sandy clay  Clay
- Soil compaction:  Loose  Not compacted  Moderately compacted  
 Highly compacted
- Signs of salinity?  Yes  No
- Actively eroding/slumping soil present?  Yes  No

### Vegetation

- Plant hardiness zone: \_\_\_\_\_
- Natural region:  Boreal forest  Parkland  Grassland  Foothills
- Sod mat thickness:  >15cm  5-15cm  <5cm

- Maximum height of grass/weeds:  >1.0m  0.5-1.0m  <0.5m
- Undesirable species present: \_\_\_\_\_  
\_\_\_\_\_
- Desirable species in planting area: \_\_\_\_\_  
\_\_\_\_\_
- Desirable species in surrounding areas: \_\_\_\_\_  
\_\_\_\_\_

*Animals*

- Browse pressure:  High  Medium  Low
- Wildlife/livestock species present: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Human*

- Obstacles:  Powerline  Septic system  Building  Road/Right-of-Way  
 Pipeline  Other  
Details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Resources/assets that could assist with implementation:  Equipment  Labour  
 Mulch  Livestock  Funding  Skills  Other  
Details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Project Plan**

*Is planting advisable?*  Yes  No

*Key site challenges:*  Belowground competition  Aboveground competition  
 Soil compaction  Excess moisture  Lack of moisture  Browse pressure  
 Herbicide drift  Salinity  Other \_\_\_\_\_

Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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*Planting Plan:*

Description: \_\_\_\_\_

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Species: \_\_\_\_\_

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Spacing: \_\_\_\_\_

Site Preparation: \_\_\_\_\_

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Maintenance: \_\_\_\_\_

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