**Table S1.** Cost calculations for 1× tarping, herbiciding, and mulching using prices from the study region. All final calculations are on a per hectare basis rounded to the nearest whole $US. Labor time estimates were calculated from daily labor logs recorded by supervisors for activities on a per acre basis and converted to metric units. We used a prevailing wage of $35/hr for a licensed pesticide applicator and supervisor and $15/hr for field assistants, so average wages for a group of four people (1 supervisor and 3 field assistants) for placing tarps and spreading mulch was $20/hr. Labor costs will vary greatly depending on pay rates and efficiency of workers so estimates should be used primarily for comparing alternatives. Likewise, mulch prices are highly variable depending on available sources. All costs were estimated for implementing the methods manually but some could be done using heavy machinery (e.g. spreading mulch) at a larger scale.

**Herbicide**

*Supplies*

6 gallons of herbicide concentrate@$50/gallon needed for 1 ha × 2 applications = $600

*Labor*

1 person × 12 hr/ha × $35/hr × 2 applications = $840

*Total* = $1,440

**Tarping**

*Supplies*

 $200 per plastic tarp (20 × 100 ft = 186 m2) × 54 tarps/ha ÷ 2 times each roll of plastic can be used = $5,400

*Labor*

 4 people × 2 hr/tarp × 54 tarps/ha × $20/hr = $8,640/ha

*Total* = $14,040

**Mulch**

*Supplies*

300 m3 of mulch/ha × 1.31 yrd3/m3 × $30/yrd3 = $11,790

*Labor*

4 people × 40 hr/ha × $20/hr = $6,400

*Total* = $18,190