

## Plantra Weed mats

Weeds and grasses steal light, water and nutrients from your trees.

Every square foot of soil is capable of producing a fixed amount of biomass growth. By controlling weeds, you channel all of that growth potential into your trees, for optimal growth.

*Plantra Weed Mats are the answer.*



Apply them once and your weed control is done – no repeated treatments year after year. These tough 3ft x 3ft woven poly mats can be applied directly over brush and stubble. They completely block weeds for 3 to 5 years. Your seedlings get all of the light, water and nutrients in a 9 square foot area.

Specifications:

- 3ft x 3ft square, with heat-sealed edges to prevent unraveling
- Tough woven poly construction
- L-shaped center slit to accommodate seedling (but requires just 1 staple to secure)
- Porous to air and water, but block 99% of light to kill weeds

Secure your Plantra Weed Mats with 6in x 1in x 6in weed mat staples, with rocks or on-site debris, or by burying the corners.

## Case Study:

### Plantra Treeshelters + Plantra Weed Mats = Optimal Performance

In May 2008 Lee Wahlund of the Central Dakota Sportsmen's Club planted several hundred 12 to 18 inch red & pin cherry seedlings in Carrington, ND.

The results:

- No tree tube & no weed mat: 50% mortality (Figure 1).
- Plantra Weed Mat only: 75% survival (a 25% improvement), seedlings had 6 to 12 inches of new growth (Figure 2 & 3).
- Plantra Tree Tube only: 100% survival, seedlings had 18 to 36 inches of new growth (Figure 2 & 3).
- Plantra Tree Tube PLUS Plantra Weed Mat: 100% survival, seedlings had 30 to 48 inches of new growth! (Figure 3).



Fig 1: Tree in foreground with no treeshelter or weedmat is dead. Tree in background in treeshelter with no weed mat is 3-4' tall.



Fig 2: Tree in foreground with weed mat is 2' tall. Tree in background in treeshelter is 3-4' tall.



Fig 3: Tree in foreground with weed mat is 2' tall. Tree in background with weedmat and tree shelter is 5' tall!