

Shade Hoop Costs

Here's what it cost us to build the shade structures in 2018 (amounts rounded up)

I. Lettuce Hoops with 50% shade for 50 ft-long plot

| | number | approx. total cost per 50' |
|---|--------------|----------------------------|
| Hoops 3/4" x 10' PVC | 10 | \$ 11 |
| PVC footing 1.25" x 10' for stakes | 1 | \$ 3.50 |
| Zip ties | 1 bag of 100 | \$ 3 |
| 1.25" exterior screws | box of 110 | \$ 6.50 |
| 50% shade cloth (cut in half to get 50'-long pieces) | 10' x 30' | \$ 635 |



We used drip irrigation and black on white plastic mulch

| | | |
|--------------------------------|----------|----------|
| 1 drip irrigation kit for 200' | \$ 90 | \$ 22.50 |
| plastic mulch 4' x 2400' | \$120.00 | \$ 2.50 |

We also used ground cover and staples so we didn't have to weed

| | | |
|------------------------|-------|------|
| Ground cover 6' x 300' | \$ 41 | \$ 7 |
| Staples (500 per box) | \$ 45 | \$ 5 |

Total cost per 50' of shading \$ 696

II. Cauliflower shading with infrared-blocking plastic for 50 ft.-long plot

| | | cost for 50' plot |
|---|-------------------------|-------------------|
| Galvanized EMT conduit 1/2" x 10' | 6 pieces @ \$ 3.15 each | \$ 19 |
| Solar Ice plastic film 32' x 55' | | \$307 |
| Zip ties | 1 bag of 100 | \$ 3 |
| Total, not including irrigation and ground cover | | \$329 |

