Table 1. Estimated costs of grafted and non-grafted melon plants

|  |  |  |  |
| --- | --- | --- | --- |
|   |   |  Grafted |  Non-grafted |
|  |  | Labor | Material | Labor | Material |
|   |   | ($/1,000 plants) |  ($/1,000 plants) |
| **Seeds** |   |   |   |   |   |
| Scion (‘Arava’) |  | 28.26 |  | 23.55 |
| Rootstock (RST-04-109-MW) | 100 |  |  |
| **Seedling production**  |  |  |  |  |
| Potting soil  |  |  | 19.00 |  | 9.50 |
| Flats |  |  | 16.72 |  | 7.31 |
| Seed sowing and care | 92.95 |  | 59.15 |  |
| **Grafted transplant production** |  |  |  |
| Grafting  |  | 46.94 |  |  |  |
| Grafting clips |  |  | 222.5 |  |  |
| Miscellaneous supplies |  | 8.00 |  |  |
| Post-graft care | 21.13 |  |  |  |
| **Healing chamber** |  |  |  |  |
| Humidifier |  |  | 5.49 |  |  |
| Air conditioner |  | 31.80 |  |  |
| Building supplies |  | 26.86 |  |  |
| Assembly |  | 16.90 |  |  |  |
| Subtotal |  | 177.92 | 458.63 | 59.15 | 40.36 |
| Total  |  |  636.55 |  99.51 |
|  |  |  |  |  |  |
| **Cost/plant** |   |  0.64 |  0.10 |