

Farm Start Up Costs for
Three Acre Market Garden
Developed by Alex Hitt

| Item | New | Used | Farmer Built | Custom Built |
|---|--------|-------|-----------------------------|--------------|
| Permanent Improvements | | | | |
| Farmers' House 1200 sq. ft. | | | 50000 | 100000 |
| Storage sheds 1000 sq ft | | | 3000 | 6000 |
| Equipment Shed/Workshop | | | 4000 | 8000 |
| Transplant Greenhouse passive solar | | | 5000 | 10000 |
| Transplant Greenhouse conventional | 6000 | 3000 | yearly propane not included | |
| Packing Facilities(washing, 10X10 cooler) | | | 15000 | 30000 |
| Irrigation (Pump, filters, mainlines) | 4000 | | | |
| well | 5000 | | | |
| Pond for irrigation | 7500 | | | |
| Electric Deer Fencing 3 acres (.50/ft) | | | 1500 | 3000 |
| Totals | 16500 | 3000 | 78500 | 157000 |
| Equipment | | | | |
| | | | Cost Difference | |
| Pickup Truck | 20000 | 8000 | 12000 | |
| shell for truck | 1500 | 300 | 1200 | |
| 30-50 hp Tractor | 20000 | 8000 | 12000 | |
| front loader for tractor | 2000 | 500 | 1500 | |
| 5-shank field cultivator | 500 | 300 | 200 | |
| 4' rototiller | 2000 | | | |
| 5' bushhog | 1000 | 300 | 700 | |
| 4' or 5' flail mower | 2500 | | | |
| heavy disk | 1500 | 500 | 1000 | |
| tractor fertilizer spinner | 300 | | | |
| chest spinner for cover crop seed | 30 | | | |
| manure spreader | 5000 | 1500 | 3500 | |
| subsoiler/potato plow | 200 | | | |
| double tool bar | 400 | 100 | 200 | |
| tool bar attachments | 200 | | | |
| push lawnmower | 300 | | | |
| chainsaw | 400 | | | |
| weed eater | 150 | | | |
| wheel hoe for cultivation | 250 | | | |
| push seeder | 75 | | | |
| shovels, forks, hoes, etc | 300 | | | |
| wheel barrow/garden cart | 200 | | | |
| basic carpentry tools | 350 | | | |
| basic mechanics tools | 250 | | | |
| backpack sprayer | 75 | | | |
| metal T-posts for trellising (200) | 500 | | | |
| transplant starting equipment(trays, hoses, w | 250 | | | |
| Totals | 60230 | 19500 | 32300 | |
| Equipment with 2-4 year life | | | | |
| irrigation line, couplers, etc. | 600 | | | |
| row cover | 400 | | | |
| greenhouse plastic | 200 | | | |
| trellis materials | 300 | | | |
| Start Up Costs | 1500 | | | |
| Annual costs | 375 | | | |
| Annual Operating Costs | | | | |
| Annual Plants and Seeds | 4000 | | | |
| Fuel and Oil | 850 | | | |
| Insurance Vehicles | 350 | | | |
| Insurance Farm Owners | 500 | | | |
| Maintenance and Repair | 2000 | | | |
| Marketing Supplies and Expense | 2000 | | | |
| Pesticides | 70 | | | |
| Small Tools and supplies | 1700 | | | |
| Cover crop seed | 200 | | | |
| Mineral fertilizer | 750 | | | |
| Mulch | 200 | | | |
| Potting soil | 400 | | | |
| Taxes and License | 1100 | | | |
| Utilities Power and Phone | 2800 | | | |
| Office expenses | 1000 | | | |
| Total | 17920 | | | |
| Deluxe Start Up From Scratch | 253150 | | | |
| no land or labor costs included | | | | |
| EI Cheapo | 142350 | | | |