



LONG LANE FARMS

My Experience Starting a High
Density Apple Orchard



900 ft

First Year Orchard

Legend



Google Earth



Allow 55' from your last tree



First Year Orchard

Legend



Google Earth



Does it make Business Sense?

How many trees do you want?	15,000
How many Trees fit?	10,000
Expense to Build Orchard (HIGH)	\$250,000
Capital Expenses for Equipment (HIGH)	\$250,000
Trees surviving to Year 7 (90%)	9,000
Low Yield by year 7 (1 bushel per tree)	9,000
LOW price for Harvest - \$9/bushel	\$81,000
Annual Maintenance and Harvest Costs (HIGH)	\$45,000
EBITDA	\$36,000
Return on Investment	7.2%
Does that work for you?	YES/NO

Order Trees

- After plotting your site and building your business case, order trees
 - Plan on 2 years from order before delivery
 - Talk to your nursery about what you are trying to achieve. They know a lot about trees, rootstocks and are willing to share their knowledge
- After trees are ordered...
 - Test soil and plan to adjust PH if needed
 - Remove any voluntary trees that may be in the way
- END OF YEAR 1

Extra Row Posts Minimize Drop in Wire Height



Line up your Supplies and Equipment

Posts:

Cobb Lumber

PO Box 806

Timpson, TX 75975

936-254-9901

Wire and staples:

Kencove Fencing

www.kencove.com

Anchors:

**Orchard Valley Supply
(Oregon)**

www.orchardvalleysupply.com

Leader Poles:

Home Depot

(Electrical Conduit)







SAFETY WARNING: This equipment is designed for use only by trained personnel. Always use proper safety procedures. For more information, contact your equipment dealer.



GASPARDO

GASPARDO

TURBOTEUTON

Year 3 - Recruit and Hire Labor



Year 3

















Actual Expense (Over 3 years)

Item	Expense
Field Prep (Clear Trees, Plant cover crops)	\$24,626
Trees – Including Shipping	\$165,898
Posts - Including Shipping	\$70,225
Leader Poles – Including Shipping	\$34,837
Wire, Staples, Anchors	\$16,907
Clips for Leader Poles	\$5,195
AG Lock Ties	\$5,633
Labor – Including Workers Comp	\$63,643
Chemicals and Diesel	\$6,181
Grass and Clover Seed	\$4,447
Row Numbers and Misc.	\$458
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	\$398,080
1,000 trees per Acre, 14 Acres -- Per Acre Cost	\$28,434.29

From Planning to an Orchard





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Questions?

Check back in 4 years to see how I'm
doing!