

COSTS *and* RETURNS
for TREE CROPS in the
SACRAMENTO VALLEY

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TREE CROPS

- Almonds
- Walnuts
- Olives
- Prunes
- Peaches

SPECIALTY TREE CROPS

- Organic almonds
- Olives for oil

COSTS *of* PRODUCTION

- Cultural costs
- Harvest costs
- Cash overhead costs
- Noncash overhead costs

COSTS *of* PRODUCTION

- Cultural costs
 - Pruning and brush removal
 - Pest control
 - Fertilization
 - Irrigation
 - Floor management
 - Pollination
 - Thinning/ winter sanitation
 - PCA, leaf analysis

COSTS *of* PRODUCTION

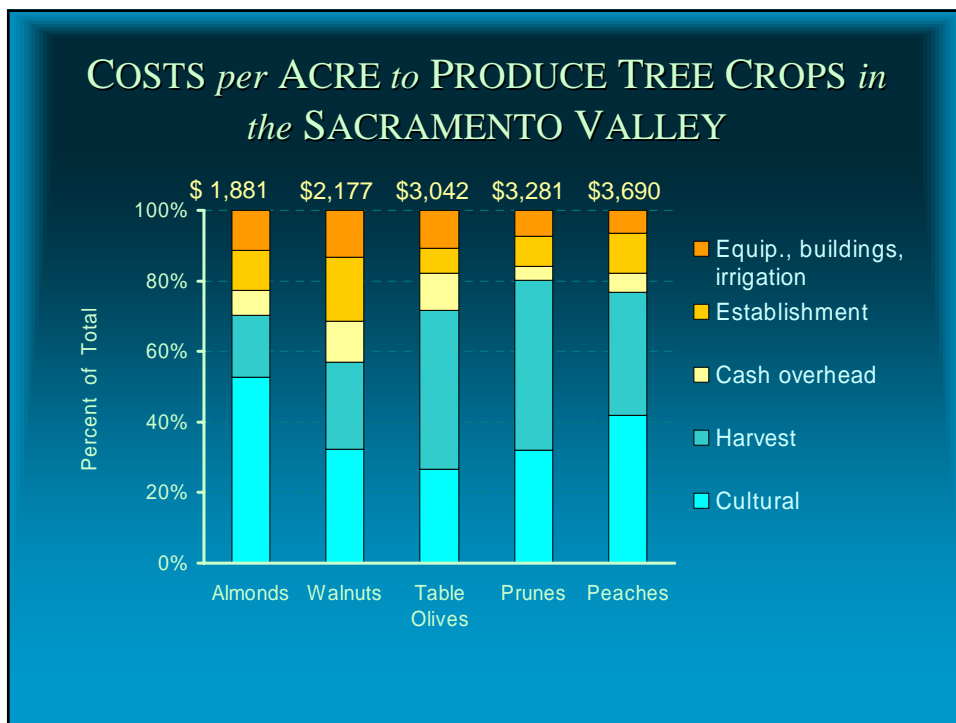
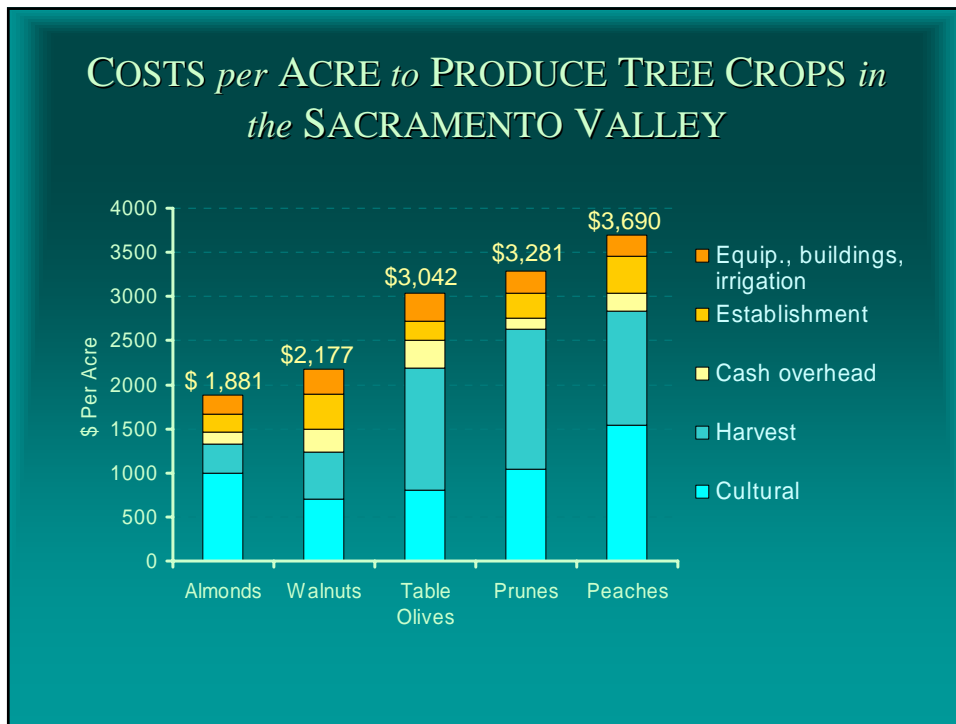
- Harvest costs
 - Shake, rake, sweep (almonds/walnuts)
 - Hull and shell (almonds, walnuts)
 - Shake, catch and field size (prunes)
 - Dry (prunes)
 - Hand pick (peaches and olives)
 - Sort and pack (Peaches)
 - Haul

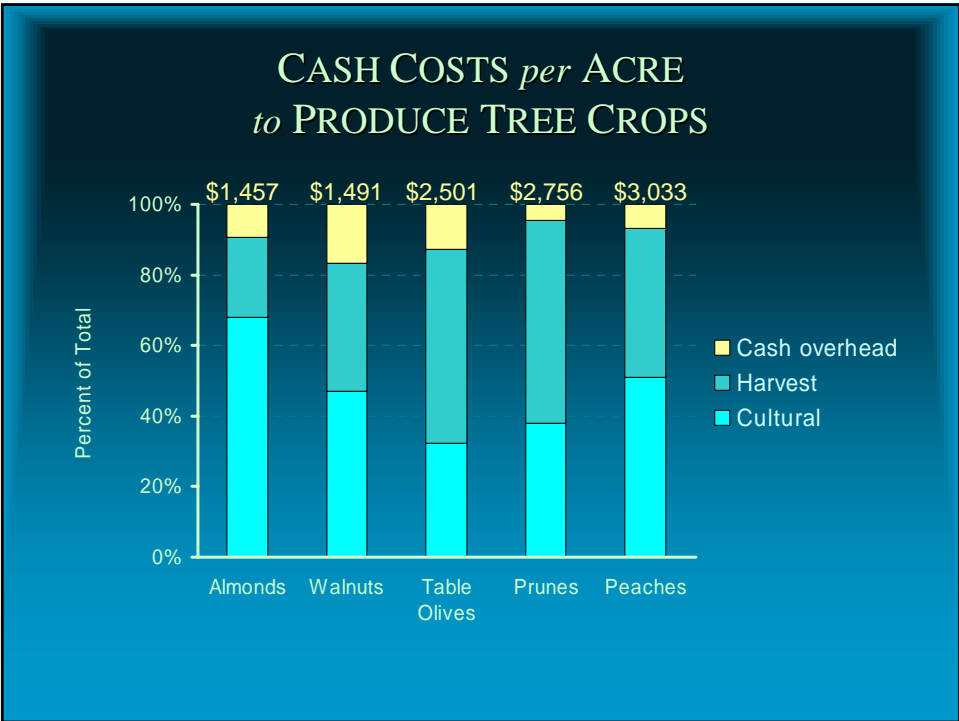
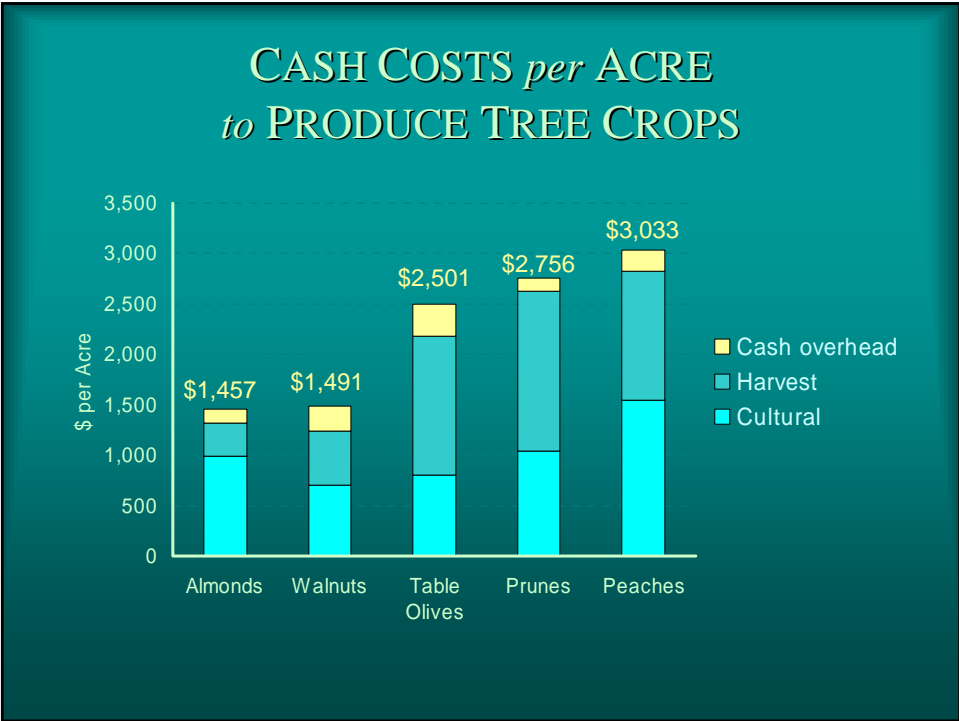
CASH OVERHEAD

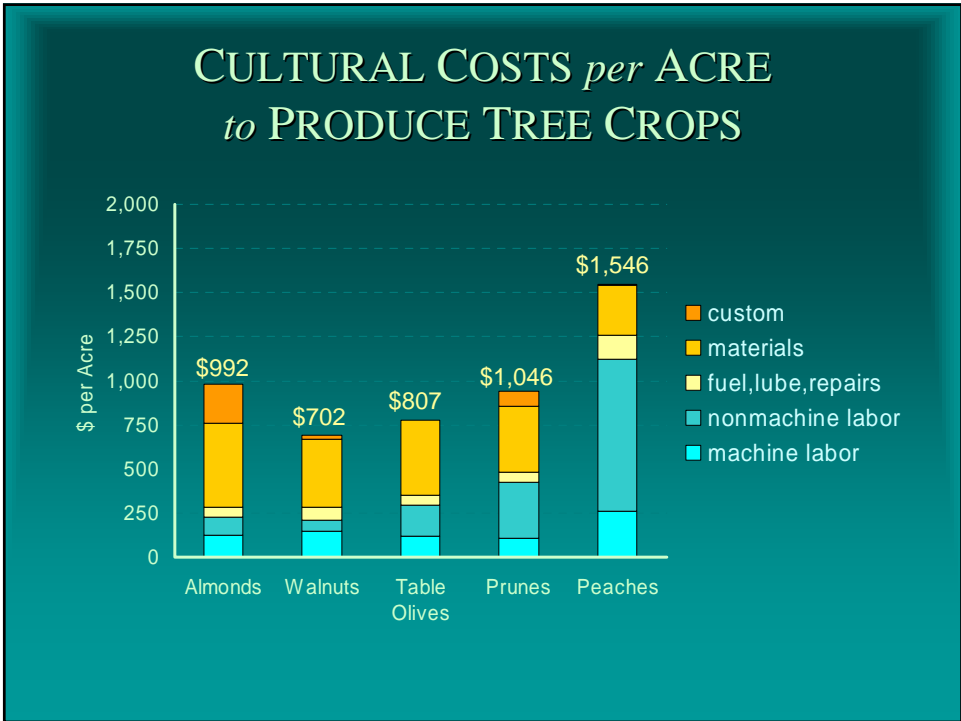
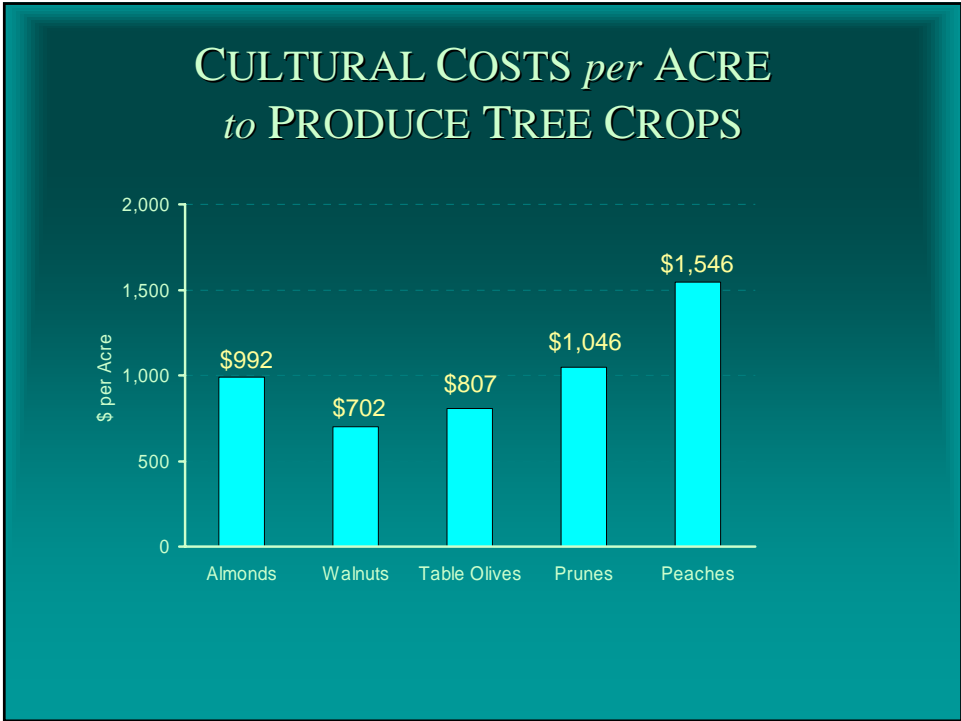
- Cash overhead
 - Office expense
 - Sanitation fees
 - Liability and property insurance
 - Property taxes
 - Repairs on buildings and irrigation system

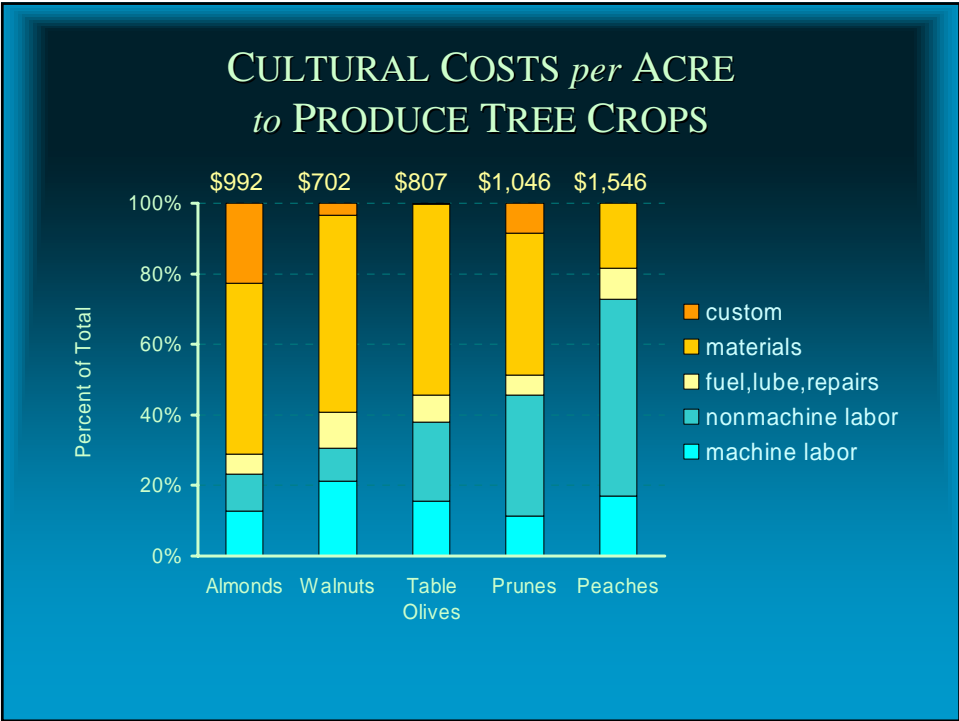
NONCASH OVERHEAD

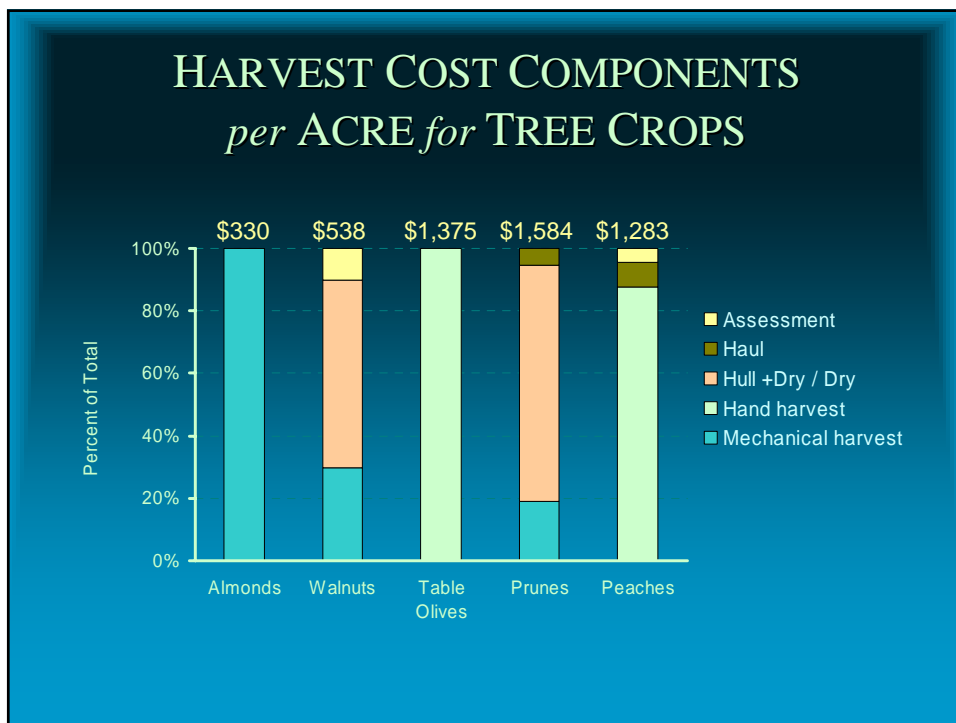
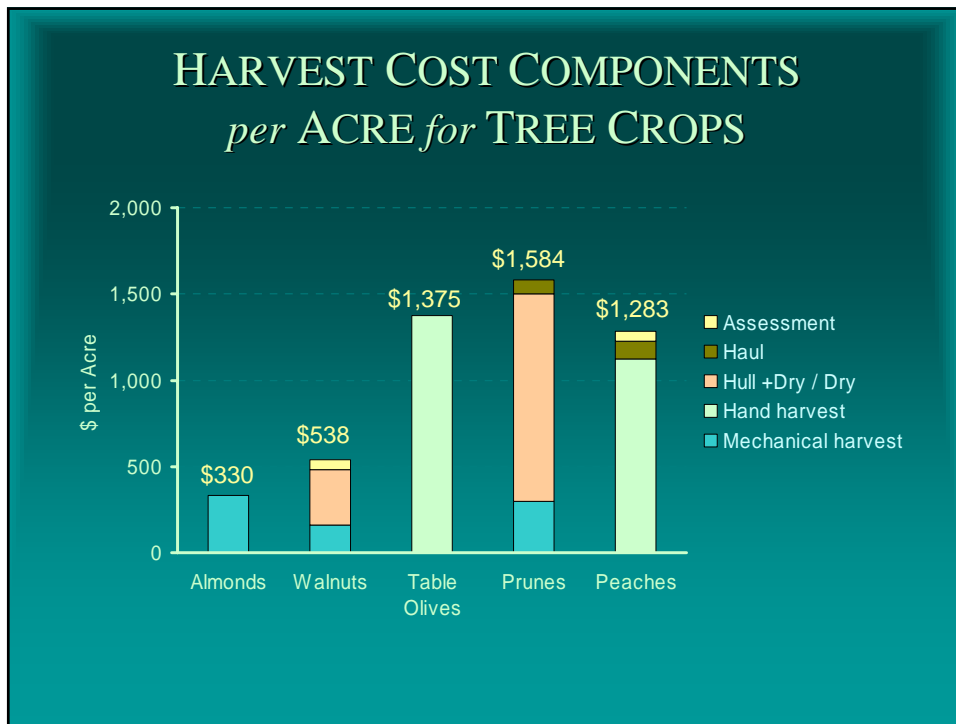
- Noncash overhead
 - Buildings
 - Shop and pruning tools
 - Irrigation system (including pump, well, filtration system, pipes, and sprinklers)
 - Fuel tank
 - Equipment
 - Tree establishment
 - Land











REVENUE

- Best management practices, UCCE
- California average
- Ag commissioners' reports

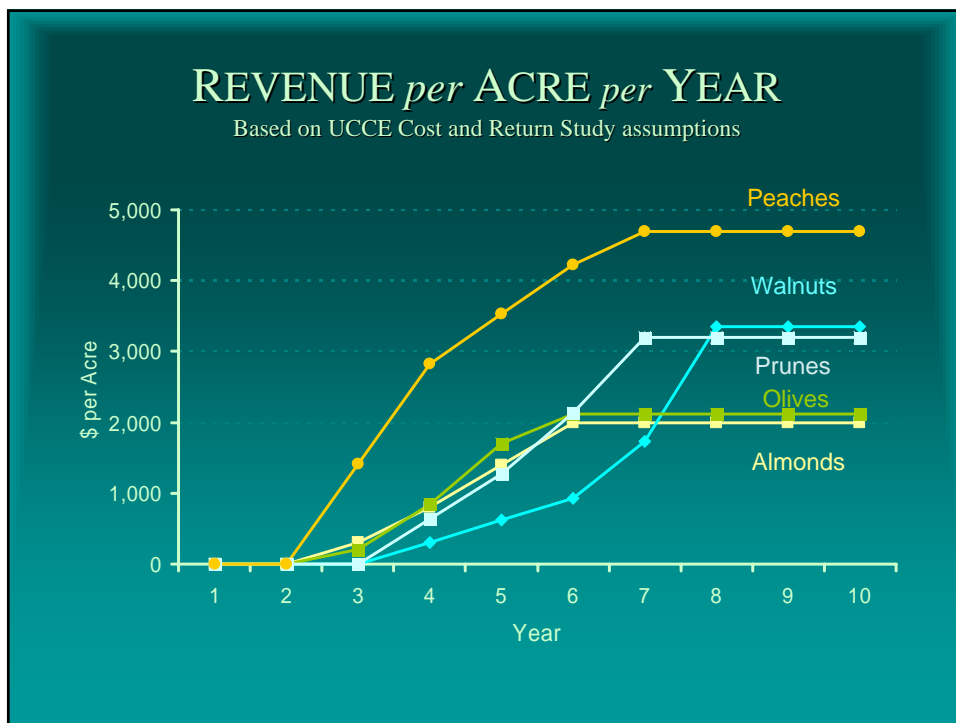
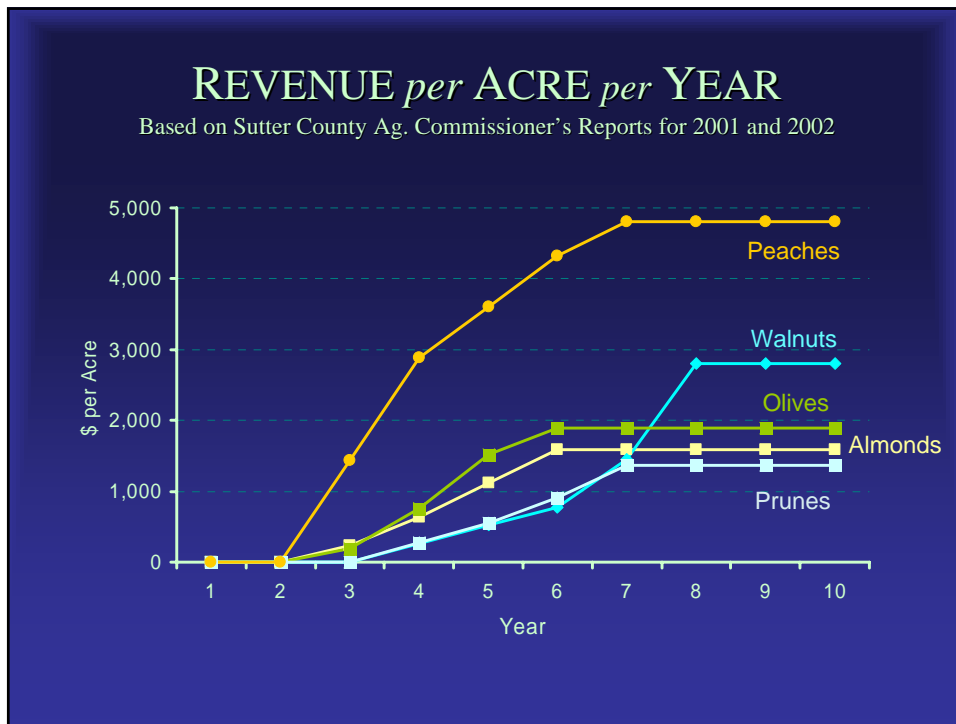
EXPECTED REVENUE *per* ACRE

	Best management practices	California Average 2001	Sutter Co. Average 2001, 2002
Almonds	\$2,000	\$1,422	\$1,061
Walnuts	\$3,348	\$1,747	\$1,867
Olives	\$2,123	\$2,500	\$1,263*
Prunes	\$3,200	\$1,305	\$910
Peaches	\$4,700	\$4,026	\$3,831

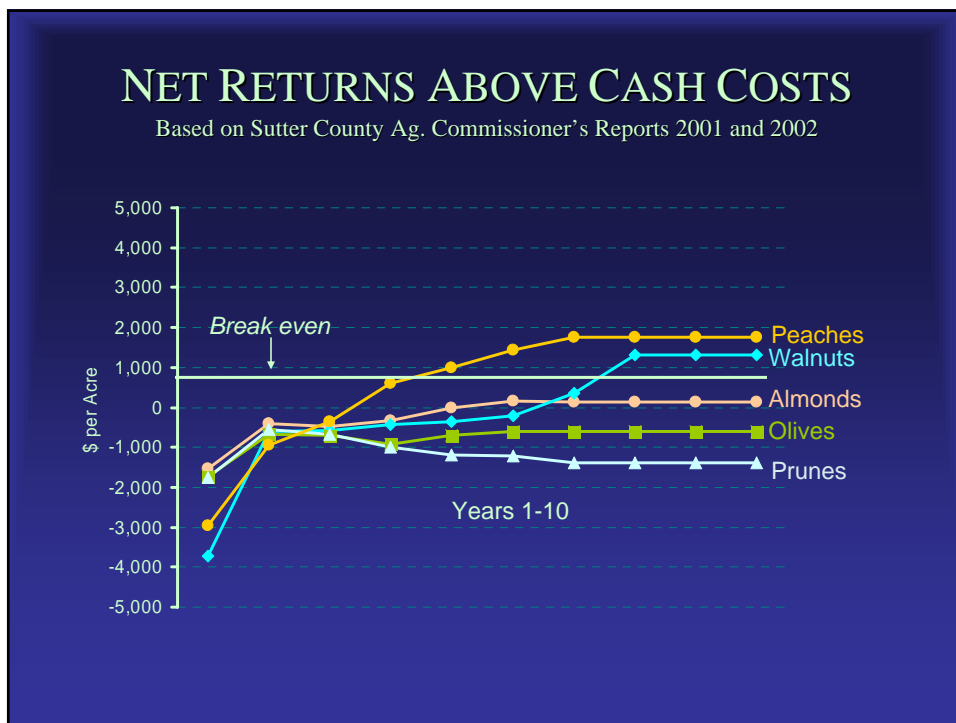
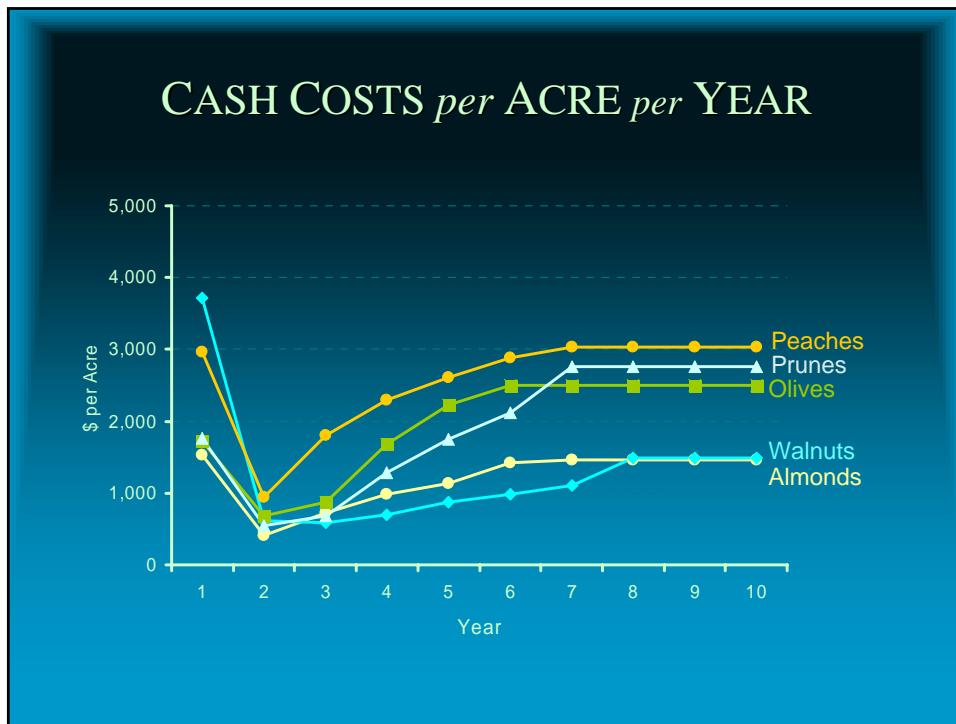
*Butte County 2001

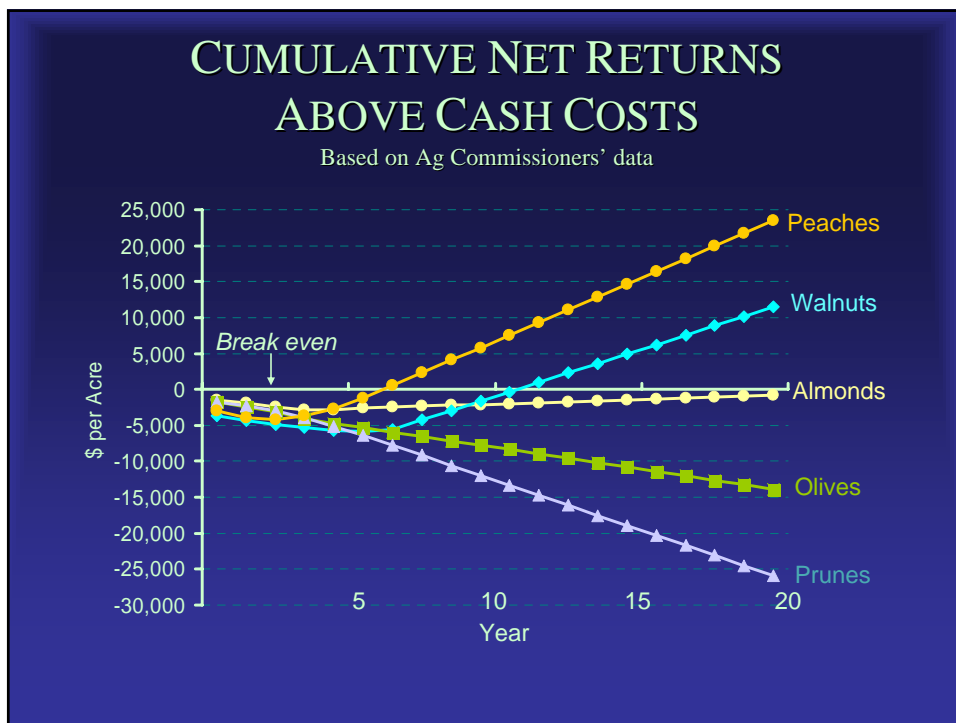
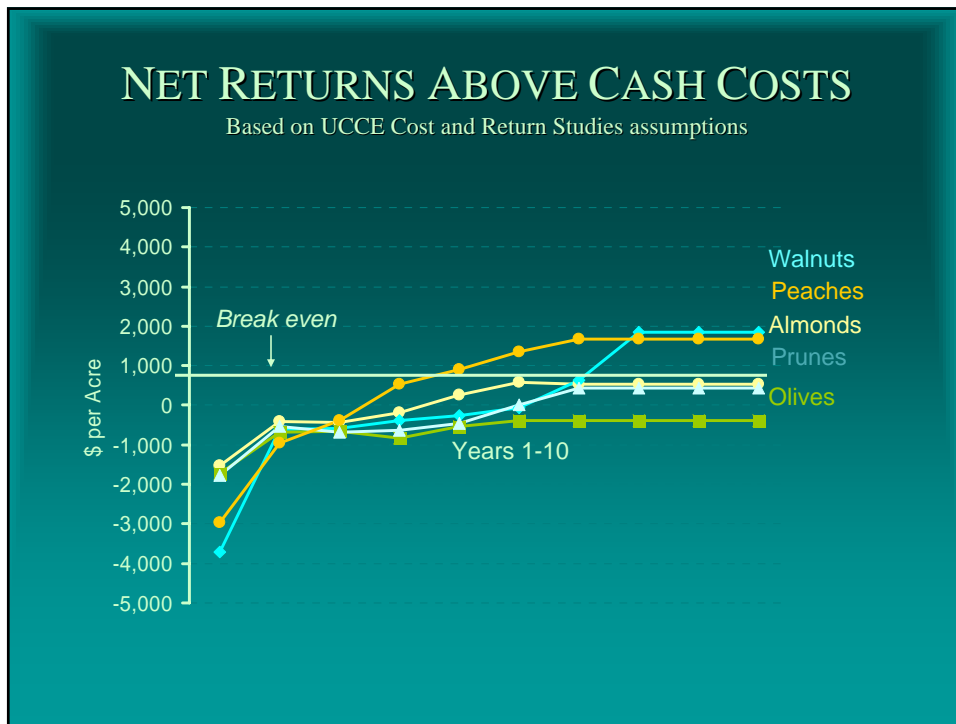
Costs and Returns for Tree Crops in the Sacramento Valley

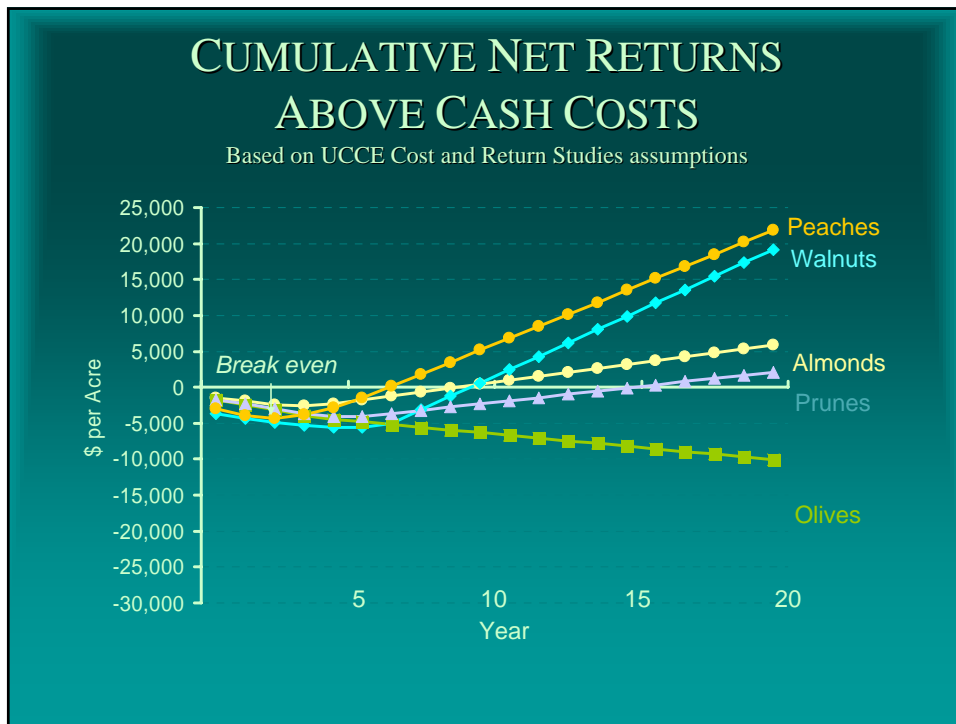
May 6,
2004



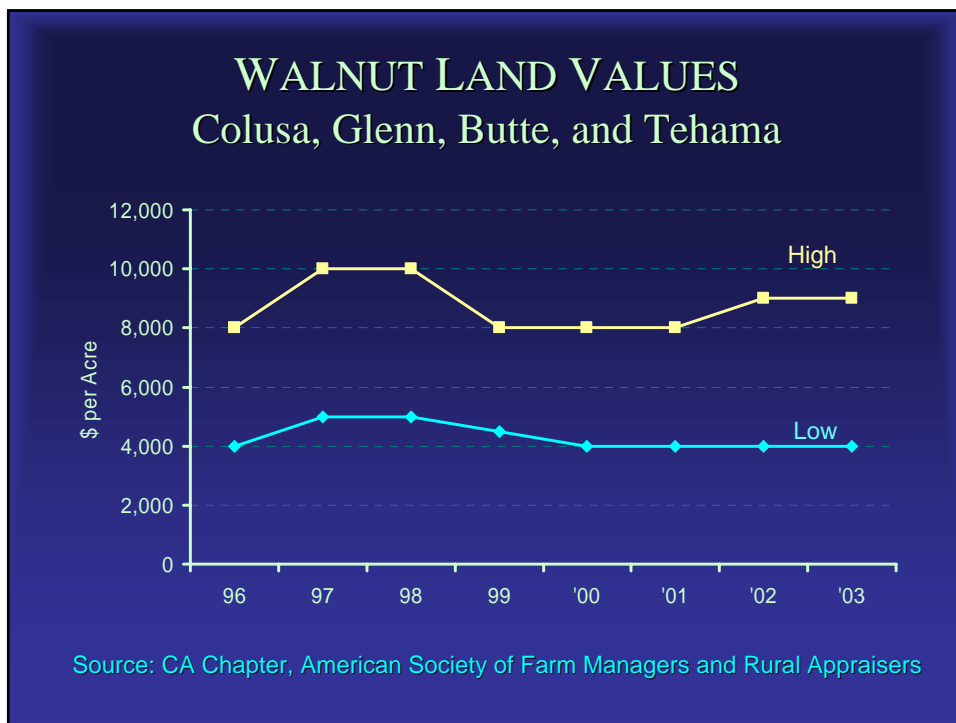
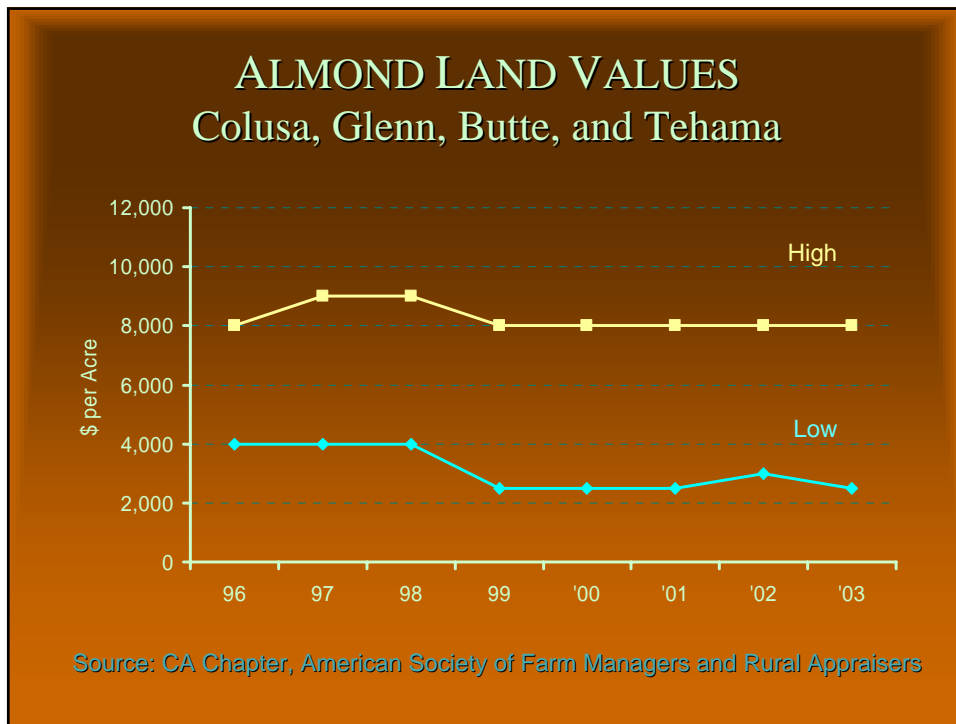
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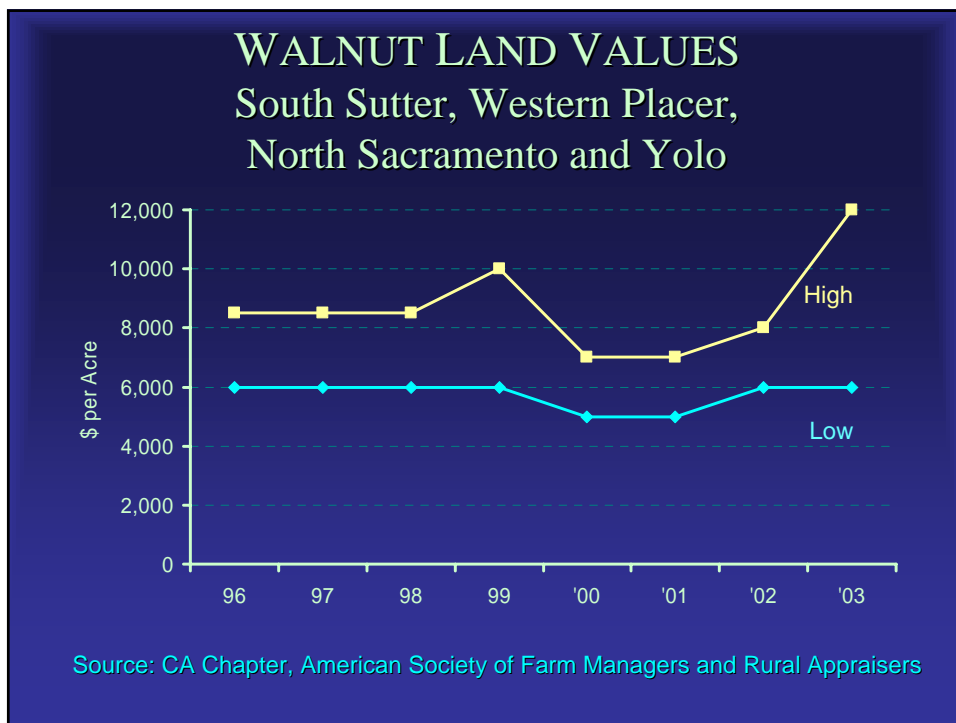
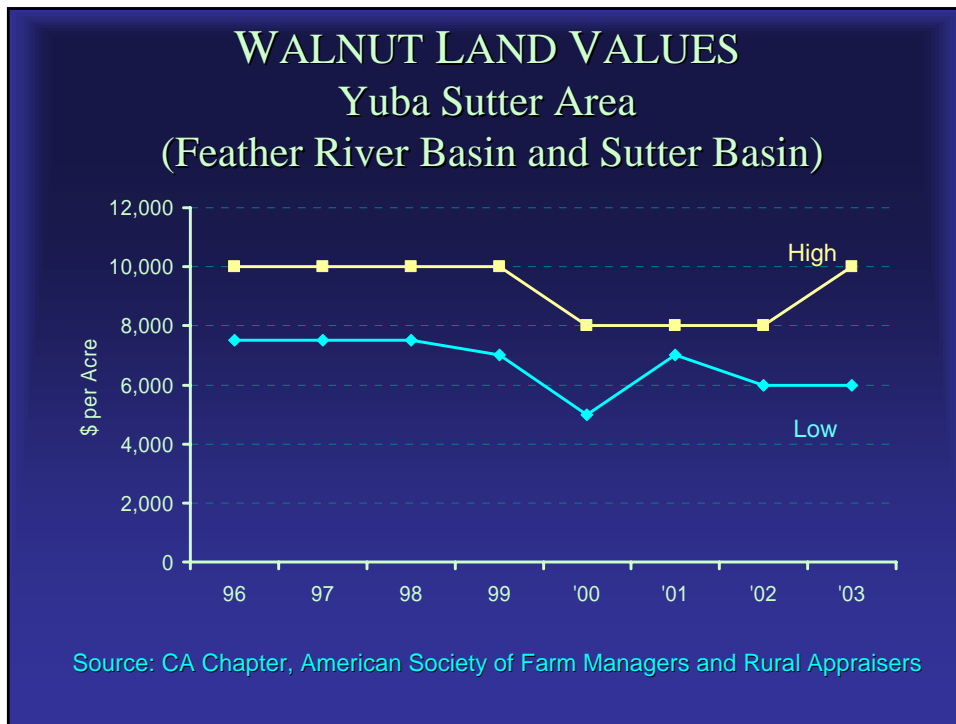


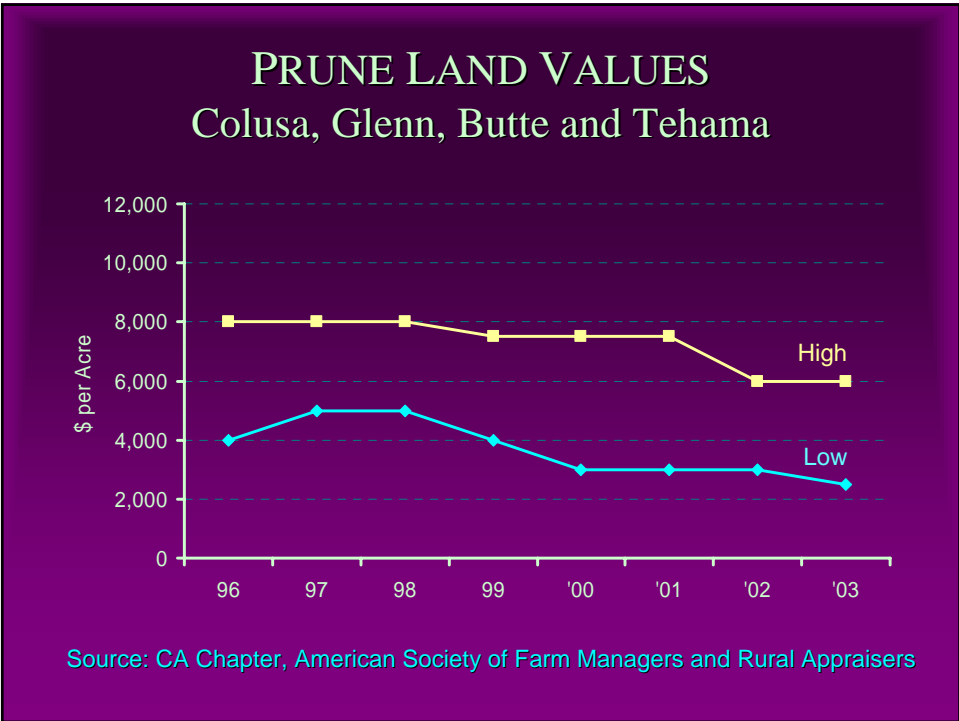
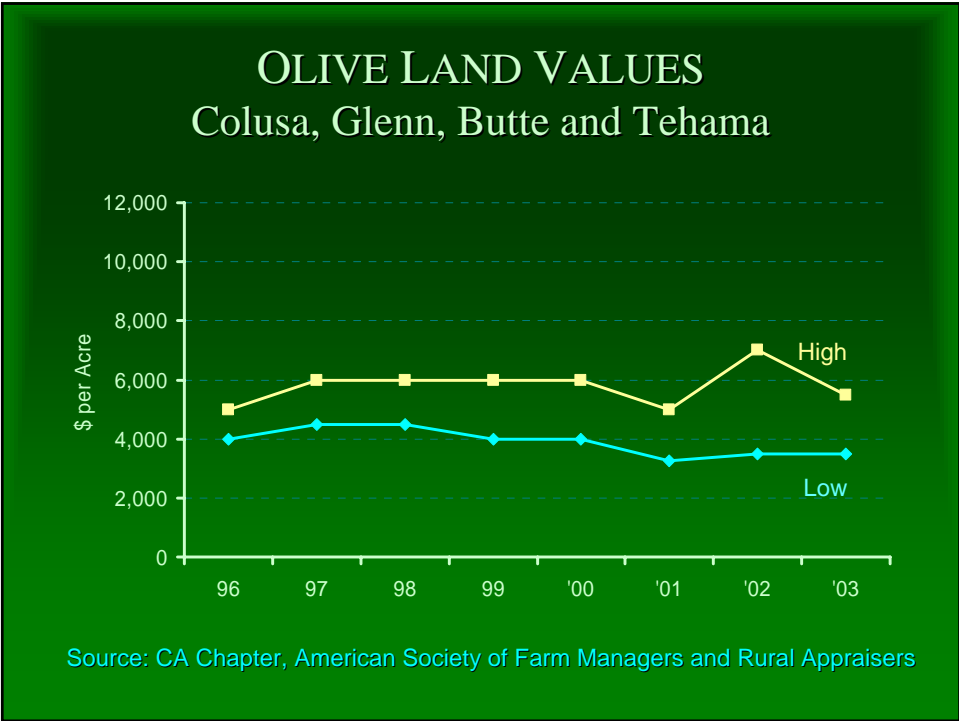


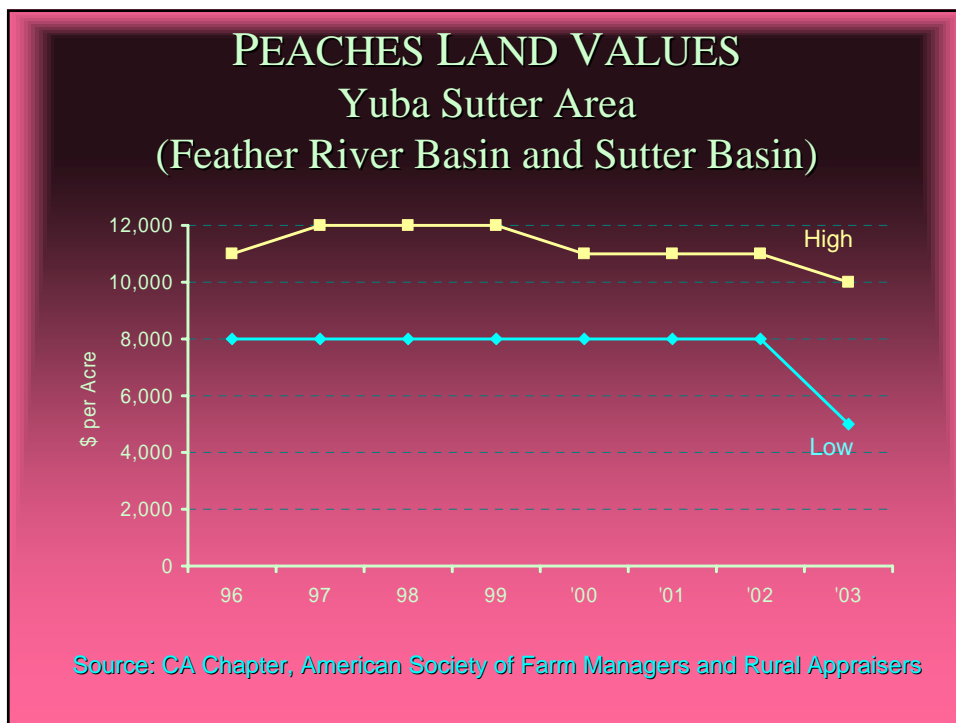
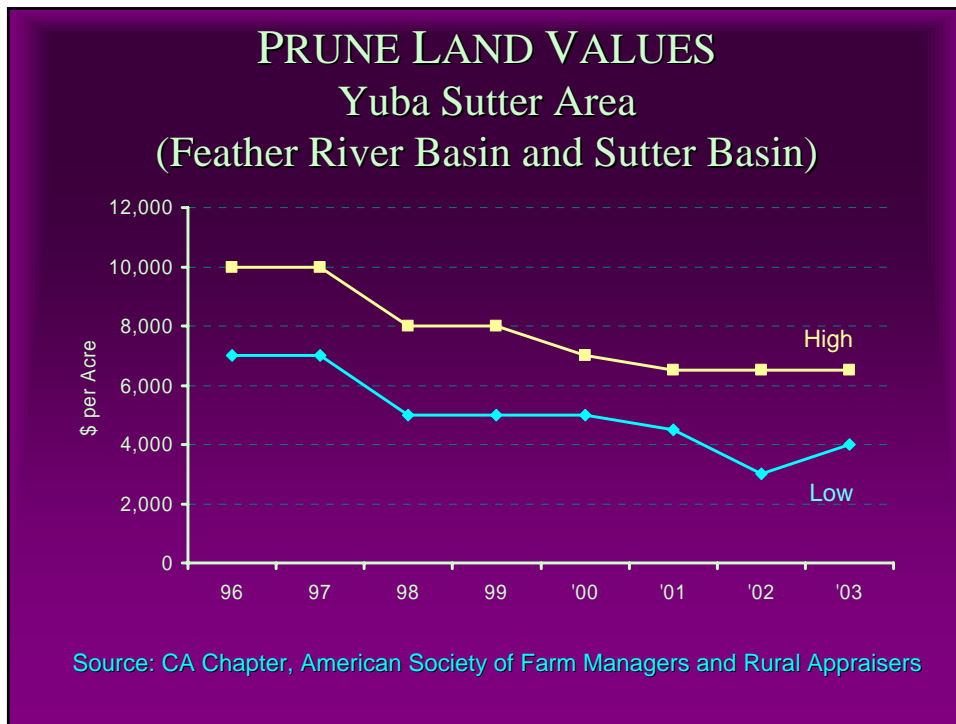


- ### SACRAMENTO VALLEY LAND VALUES
- Almonds
 - Walnuts
 - Olives
 - Prunes
 - Peaches



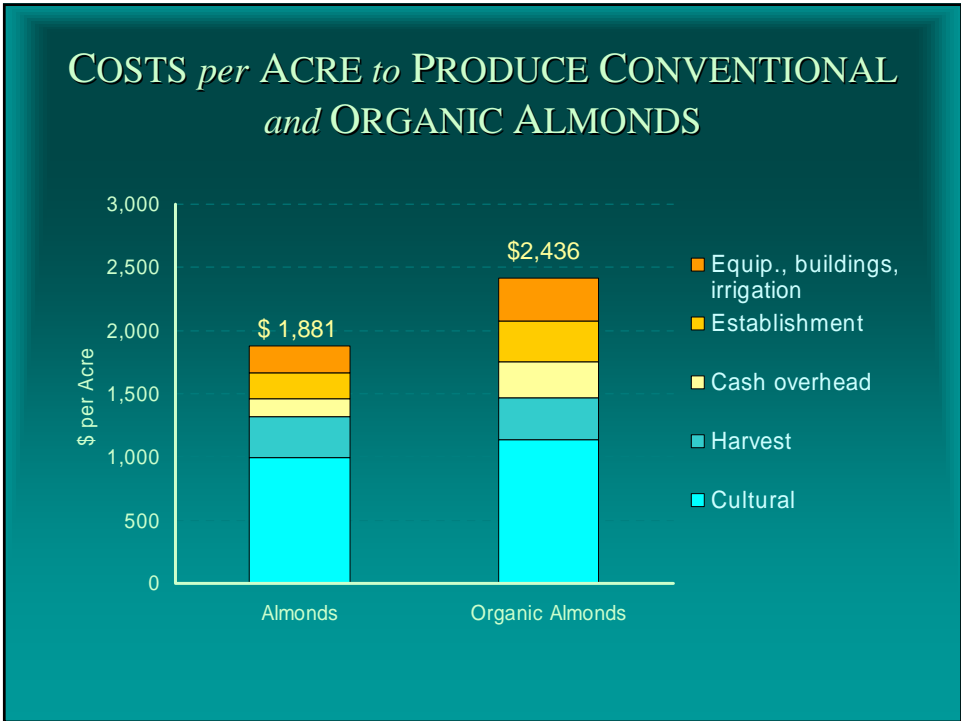


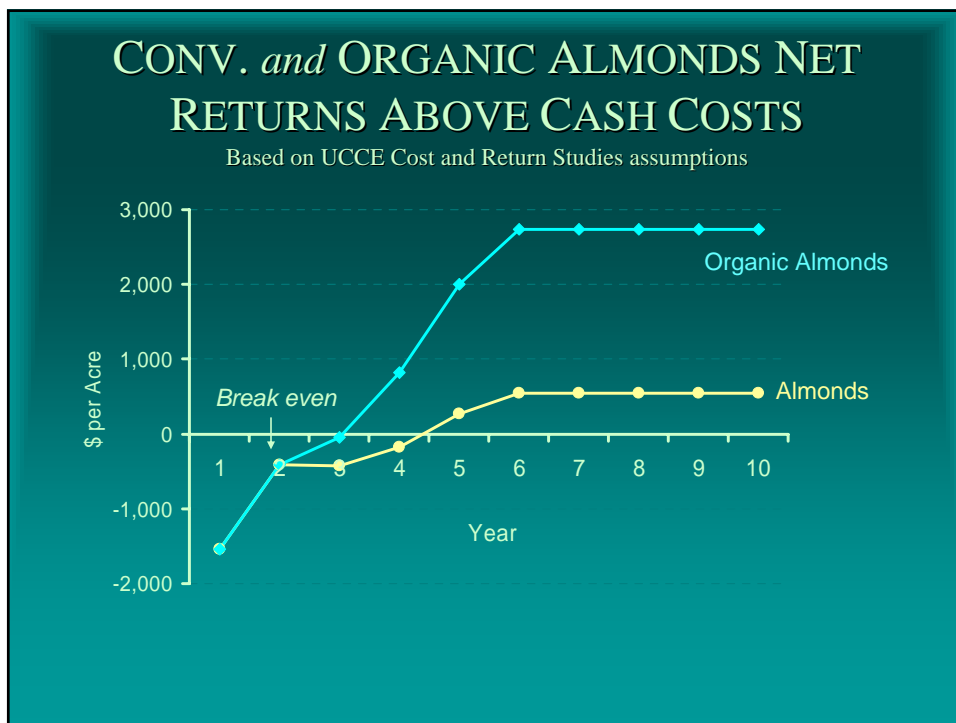
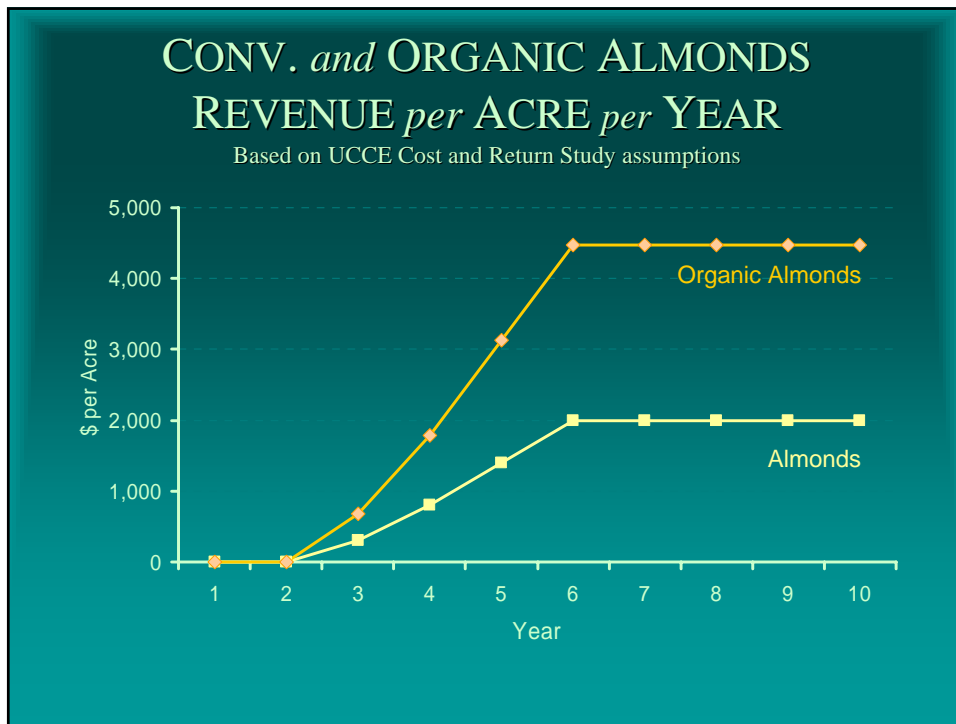


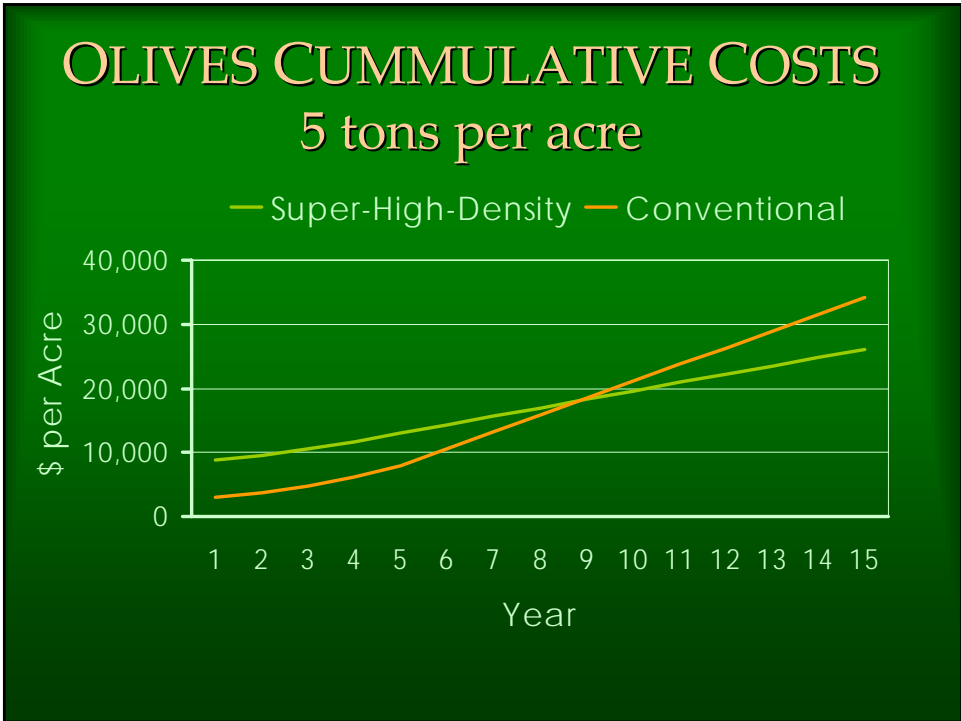


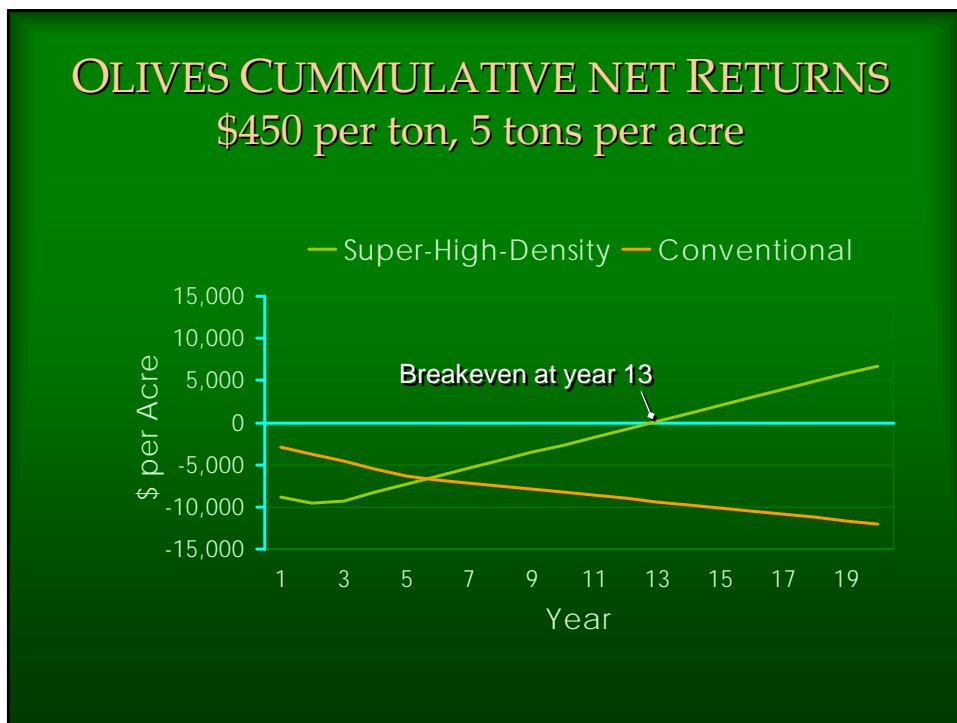
SPECIALTY TREE CROPS

- Organic almonds
- Olives for oil





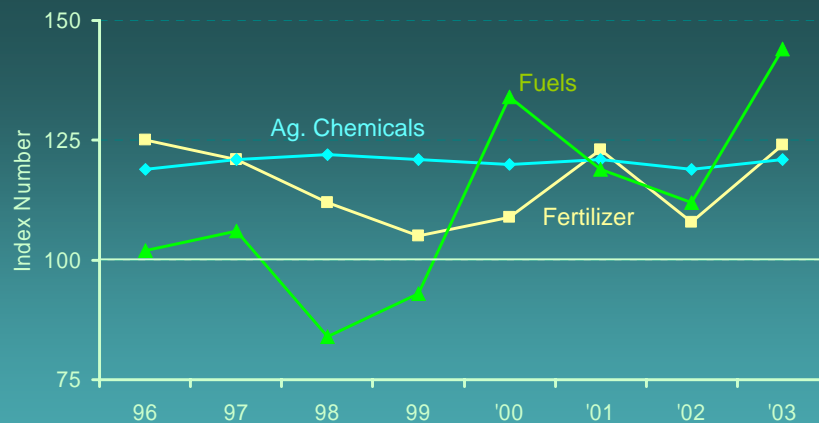




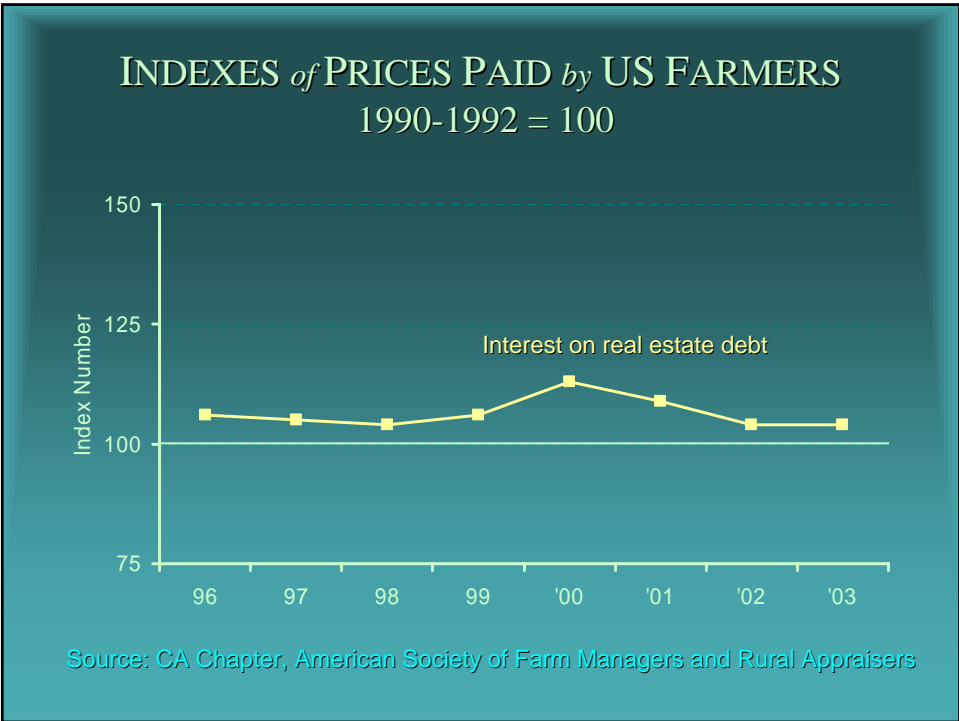
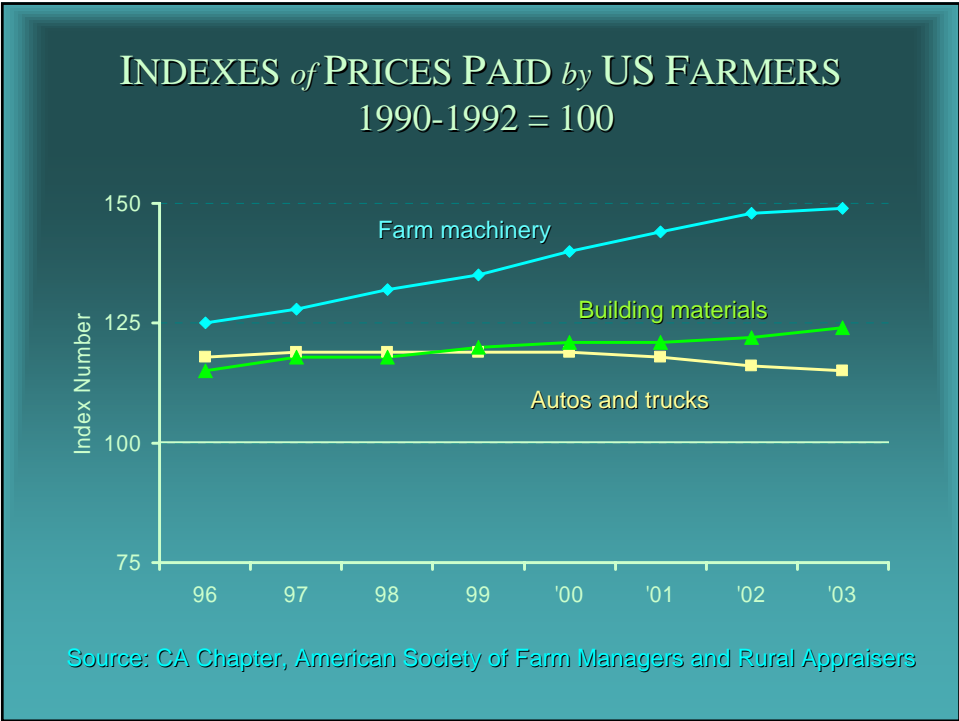
INDEX NUMBERS of PRICES PAID by FARMERS for INPUTS

- Index numbers are a way to put prices of different inputs on the same scale to look at relative changes over time.
- Base 1990 – 1992 = 100
- Example: an index number of 110 means prices paid are 10% higher than the average of prices from 1990 – 1992.

INDEXES of PRICES PAID by US FARMERS 1990-1992 = 100



Source: CA Chapter, American Society of Farm Managers and Rural Appraisers



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