Evaluation of Reduced Fall-Timed, Tillage Operations



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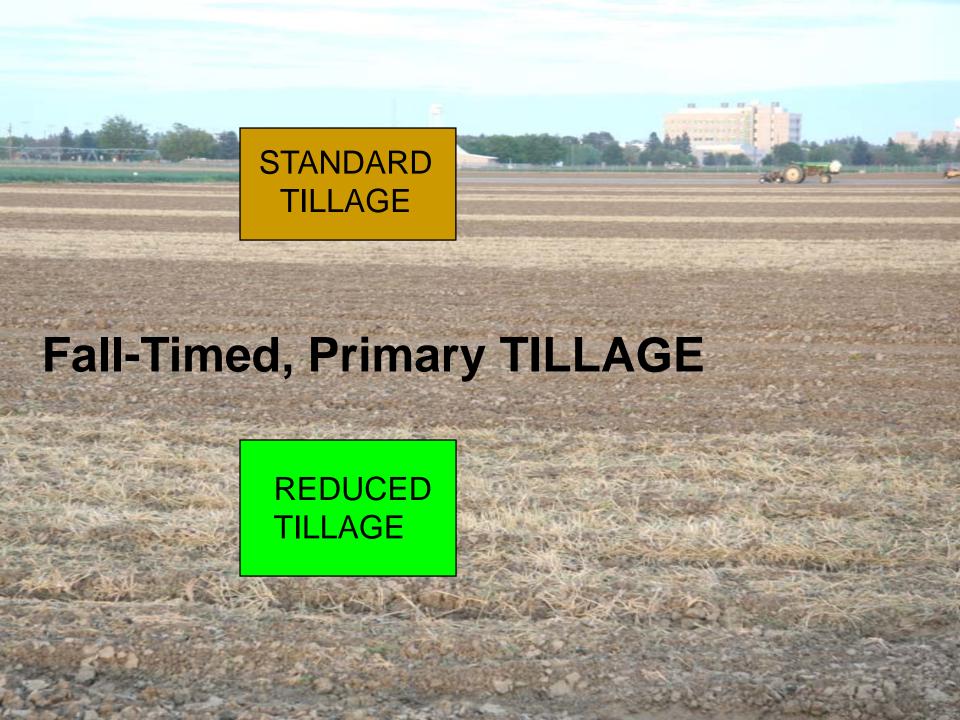


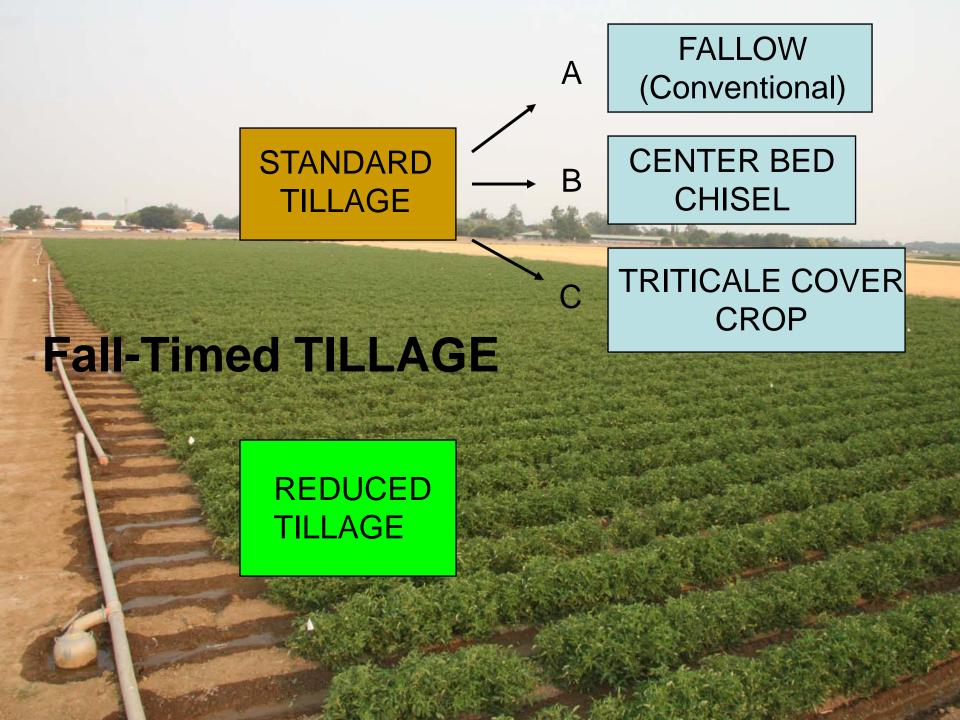


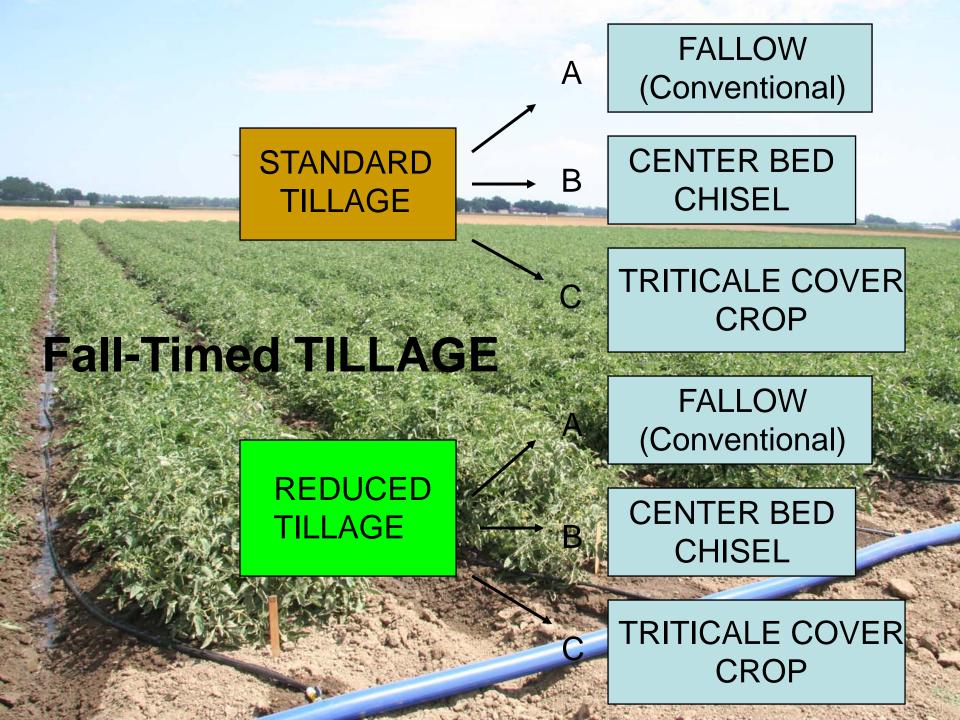
















Reduced Fall Tillage Comparison, UC Davis, 2007

		Net
Treatment		Yield
Tillage		(Tons/A)
Standard Till	Chisel Center	23.8
Standard Till	none	25.2
Reduced Till	Chisel Center	24.5
Reduced Till	none	24.1
Standard till		25.9
Reduced till		24.3
Probability		NS
	Chisel Center	24.2
	none	24.6
Probability		NS
	Interaction	NS
	%CV	11

- ✓ Similar yield between tillage systems
- ✓ Bed chisel no response in 1st year
- ✓ Slight reduction in PTAB color, brix, and early plant growth

Reduced Fall Tillage Comparison Effect on Yield (tons/A) UC Davis, 2008

	Tillage Method		
Cor	ventional	Reduced	9
Chisel (bed center)	33.5 z	40.1	a
Triticale	32.4 z	27.5	b
Fallow	30.9 z	31.1	b
LSD (@ 0.05)	5.0	7.5	



Results: Tillage Trials, UC Davis 2007 & 2008

- ✓ Comparable fruit yields between standard vs. reduced fall tillage.
- Benefit of single chisel in bed center w/ reduced tillage system?



Future Plans:

- **✓ Continue on UC Davis campus field site**
- Expand testing into grower fields



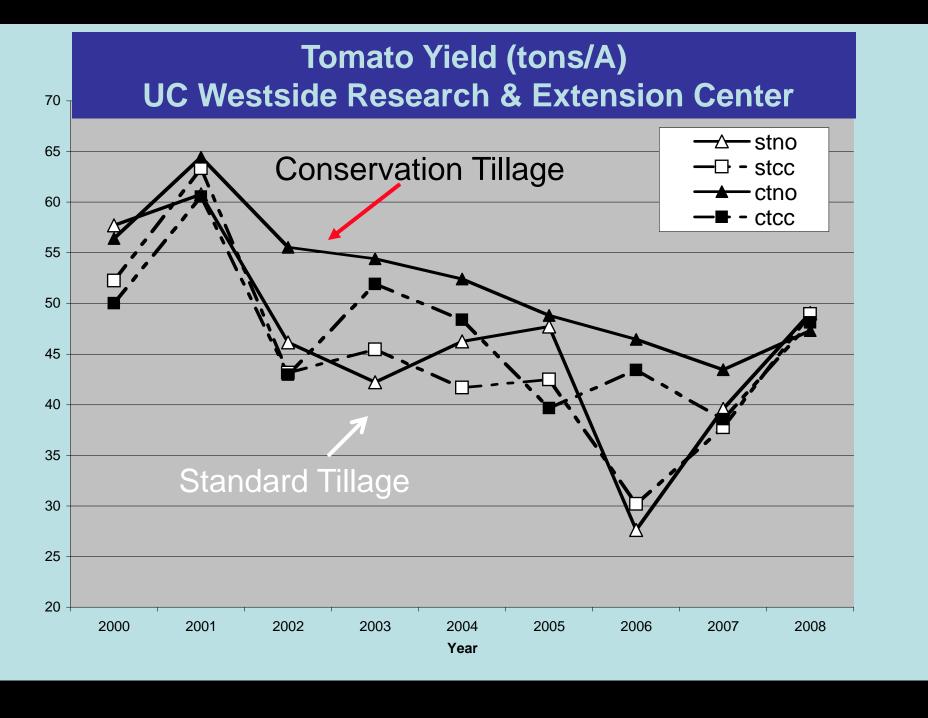












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