

FORUM – REDUCED/STRIP TILLAGE

Robert Downard
The Amalgamated Sugar Company, LLC
Boise, Idaho

Moderator: Clark Millard



Acres

- 2008 1,500
- 2009 ~ 3,000





Tillage

Convention Tillage

	Time hours	Fuel Consumption	Gallons	Diesel	Equip Cost	Labor \$8.50/hr	Total Cost
Rip twice	30	9 gal/hr	270	4.10/gal	1,107	255	1,362
Disc once	20	7.5 gal/hr	150	4.10/gal	615	170	785
Roller harrow	15	6 gal/hr	90	4.10/gal	369	127.5	496.5
Bed	15	7 gal/hr	105	4.10/gal	430.5	127.5	558
Fertilizer applic.							625
							3,826.50

Strip Tillage

	Time hours	Fuel Consumption	Gallons	Diesel	Equip Cost	Labor \$8.50/hr	Total Cost
Strip till	15	10 gal/hr	150	4.10/gal	615	127.5	742.50

3,084.00

125 acres \$3,084.00

Cost saving/ \$24.67

Fertilizer application figured at \$5.00/Acre





Environment

- Less Carbon Foot print
- Less movement of soil due to wind
- Improving water infiltration
- Improving soil condition





Economic Benefit

- Full consumption-Less
- Fewer man hours





Good Residue Management





Poor Residue Management

