

Conservation Agriculture

Potential \$\$\$ Savings

Lower machinery, labor, and equipment costs = greater profits.



Strip-Till Corn

<i>Additional Costs</i> (\$/acre)	<i>Savings</i> (\$/acre)
<ul style="list-style-type: none"> • Herbicides: \$5 	<ul style="list-style-type: none"> • Machinery Operation: \$7 • Labor: \$6 • Equipment Fixed Costs: \$5

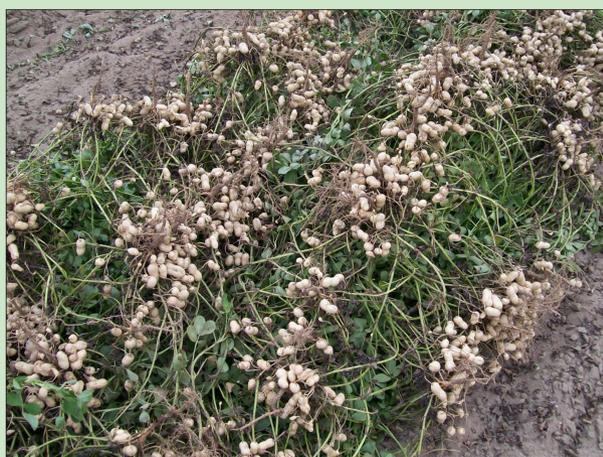
Total Potential Savings: \$13/acre



Strip-Till Cotton

<i>Additional Costs</i> (\$/acre)	<i>Savings</i> (\$/acre)
<ul style="list-style-type: none"> • Herbicides: \$3 	<ul style="list-style-type: none"> • Machinery Operation: \$6 • Labor: \$4 • Equipment Fixed Costs: \$4

Total Potential Savings: \$11/acre



Strip-Till Peanuts

<i>Additional Costs</i> (\$/acre)	<i>Savings</i> (\$/acre)
<ul style="list-style-type: none"> • Herbicides: \$11 	<ul style="list-style-type: none"> • Machinery Operation: \$10 • Labor: \$7 • Equipment Fixed Costs: \$8

Total Potential Savings: \$14/acre

Optional Costs and Savings (Across Several Row Crops)	
Additional Costs (\$/acre)	<ul style="list-style-type: none"> • Non-Legume Cover Crops: \$15–\$40 (Ryegrass, Barley, Oats, Rye, Wheat, etc.) • Brassica Cover Crops: \$15–\$35 (Mustards, Radish, Rapeseed, etc.) • Legume Cover Crops: \$20–\$115 (Clovers, Peas, Hairy Vetch, etc.)
Potential Savings (\$/acre)	<ul style="list-style-type: none"> • Irrigation: \$8–\$25 • Nitrogen Fertilizer (@ N=\$0.75/lb) <ul style="list-style-type: none"> • Crimson Clover: Up to \$110 • White Clover: \$60–\$95 • Hairy Vetch: \$65–\$150 • Lupin: Up to \$250 • Winter Pea: \$65–\$110



University of Georgia



USDA-ARS National Soil Dynamics Lab
Conservation Systems Research



Auburn University