

Table 4. Partial budget components for changing tillage type from conventional tillage to strip tillage. With this change in tillage, cultivation and one fertilization pass are also eliminated; these are shown in “reduced costs”. Tillage costs for three different strip tillage cost options are presented in “additional costs”. No change in revenue is anticipated based on research findings. (See Haramoto (2014) for details).

	STH ¹	STM	STC		STH	STM	STC
Additional revenue	-----\$/acre-----			Additional costs	-----\$/acre-----		
none	0	0	0	Strip till, 1x	\$25.57	\$17.99	\$17.31
SUBTOTAL	0	0	0		\$25.57	\$17.99	\$17.31
Reduced cost				Reduced revenue			
Chisel plow, 1x	(\$11.37)	(\$11.37)	(\$11.37)	none	0	0	0
Field cultivator, 2x	(\$21.18)	(\$21.18)	(\$21.18)				
Cultivation	(\$12.84)	(\$12.84)	(\$12.84)				
Fertilization pass	(\$6.00)	(\$6.00)	(\$6.00)				
SUBTOTAL	(\$51.39)	(\$51.39)	(\$51.39)		\$25.57	\$17.99	\$17.31
NET							
change in tillage-associated cost ²	(\$25.82)	(\$33.40)	(\$34.08)				
total production cost ³	\$1,554.64	\$1,547.06	\$1,546.38				
% change in total production cost ⁴	-1.63	-2.11	-2.16				

¹ STH=high cost, STM=medium cost, STL=low cost strip till options

² equals reduced costs + additional revenue + additional costs + reduced revenue

³ equals total production cost with CT (\$1580.46) + change in tillage-associated costs

⁴ change in tillage costs as a percent of the total production costs