

Total cost = initial cost of modification + extra cost of modification per year. Years 0-5.

Initial cost – cost of modification table		
Cost of modification	What's included	Example of deep ripping >40 cm with amendment
operating (\$/ha)	fuel repairs and maintenance	fuel \$95/ha+ + R&M \$5/ha = \$100/ha
machinery(\$/ha)	depreciation tractor depreciation ripper tractor service	depreciation tractor \$6/ha + depreciation ripper \$4/ha + tractor service \$8/ha = \$18/ha
labour (\$/ha)		\$16 /ha
additional options (\$/ha)	seeding cost	\$ 30/ha
amendment cost (\$/ha)		\$ 180/ha

The initial cost is the sum of all values in the 'price' column in the cost of modification table as is assigned in year 0.

Yearly cost – extra cost or benefit table		
Cost	What's included	Example of deep ripping >40 cm with amendment
additional costs (\$/ha)	herbicides	Year 1 = 0, Year 2 = 0, Year 3 = 0, Year 4 = 0, Year 5 = 0
cost harvesting and handling extra grain \$/t		Year 1 = 0, Year 2 = 0, Year 3 = 0, Year 4 = 0, Year 5 = 0

Total benefits = yield gain value + additional savings per year.

Yearly benefits – extra cost or benefit table		
Benefits	What's included	Example of deep ripping >40 cm with amendment
additional savings (\$/ha)	Reduced cost of fertilisers	Year 1 = 0, Year 2 = 0, Year 3 = 0, Year 4 = 0, Year 5 = 0

Yearly yield gain value – Yield t/ha table				
year	yield unmodified	yield modified	price	Yield gain value
1 -5	Yield t/ha per year	Yield t/ha per year	Value of crop \$/t	(yield modified – yield unmodified) * price

Undiscounted Annual Net Cash Flows \$/ha = Total benefits – Total cost