Table 2 Optimal solution based on expected yields.

Culture	Wheat	Corn	Sugar Beets
Surface (acres)	120	80	300
Yield (T)	300	240	6000
Sales (T)	100	–	6000
Purchase (T)	–	–	–
Overall profit: $118,600			

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x values:


x1 = 1.19999958e+02 = 120  (x1 = acres of land devoted to wheat)
x2 = 7.99999711e+01 = 80   (x2 = acres of land devoted to corn)
x3 = 2.99999892e+02 = 300  (x3 = acres of land devoted to sugar beets)


y1 = 1.31577133e-06 = 0.0  (y1 = tons of wheat purchased)
w1 = 9.99999677e+01 = 100  (w1 = tons of wheat sold)


y2 = 1.97815401e-06 = 0.0  (y2 = tons of corn purchased)
w2 = 6.61315292e-08 = 0.0  (w2 = tons of corn sold)


w3 = 5.99999783e+03 = 6000  (w3 = tons of sugar beets sold at the favorable price)
w4 = 5.99225945e-06 = 0.0  (w4 = tons of sugar beets sold at the lower price)
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