

11-23-05

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Variables:

D = # Daytime P = # Prime Time L = # Late Night

Objective:

Max # Customers = 14000^{Pot.}D + 24000P + 18000L

Constraints: ~~Used Available~~ Available

Total: D + P + L ≤ 15

Money: 1000D + 2000P + 1500L ≤ 20,000

IN Excel Solver

Target = Objective.

Changing Cells = Variables

B = lbs Bluegrass R = lbs Rye M = lbs Bermuda
Min

Cost = 20B + 15R + 5M

Constraints ~~B ≤ R M ≤ R~~

Ber/Rye -R + M ≤ 0

Bluegrass B ≥ 1000

Total lbs B + R + M ≥ 5000