Water Destination Diagram

Given:

Estimated SMD =	3	in
Average Infiltrated =	4	in
Average of the Low Quarter =	3	in

Equation: $Y = Mx + b$

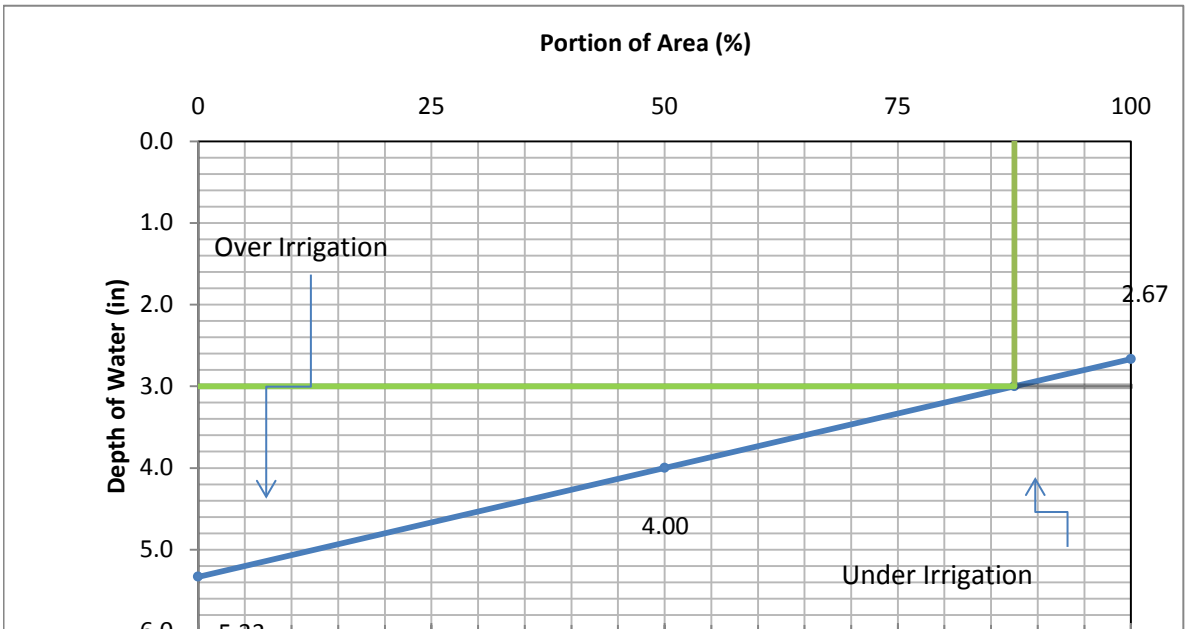
Solution:

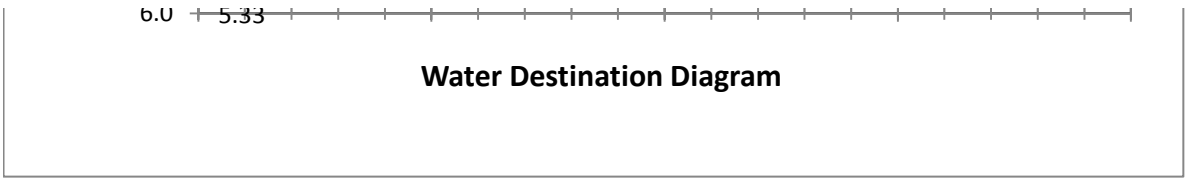
Slope, M =	-0.0267
b =	5.33
Y_{100} =	2.67

	(X)	(Y)
Point of Intersection[1] =	87.5	3

Graph Data

Pt #	Portion of Area (% X)	Depth of Water (in)	SMD (in)	Ave Low 1/4 (in)		
1	100	2.667	3	87.5	0	3
2	87.5	3	3	87.5	3	3
3	50	4	3	87.5	3	3
4	0	5.333	3	87.5	3	3





Water Destination Diagram

Average Under Irrigation = **0.02** in
Average Deep percolation = **1.02** in

1. Point of intersection between water destination line and SMD