

design a dug	well for irrigation							
130	garden width							
130	garden depth							
60	percent used for plants							
1	how many inches of water r							
	CALC: how many gallons p							
0.6203373	CALC: gallons per minute n	eeded						
how many gallons of water will a well produce								
	diameter of well tiles in inch							
	depth of water in well in feet							
951.2316	CALC: how many gallons in	this well						
how often is it going to be used to water the garden								
	number of times a week							
	how many hours each time							
	CALC: How many gallons n							
893.285714	CALC: How many gallons if							
14.8880952	CALC: How many gpm mus							
13.5568381	CALC: How many hours wo	gpm						
1.29461698	CALC: how many gpm mus	hours						

Table			9		
Pipe Size (Sch. 40)	LD. (range)	0.D.	GPM (w/ min. PSI loss & noise)	GPH (w/ min. PSI loss & noise)	
1/2*	0.5 - 0.6"	0.85"	7	420	
3/4'	0.75-0.85	1.06*	11	660	
7*	$1 \pm 1.03^{\circ}$	1.33*	7.6	960	
1-1/4*	1.25 - 1.36"	1.67*	25	1,500	
1-1/2*	1.5 - 1.6"	1.9*	35	2,100	
2"	1.95 - 2.05'	2.38"	55	3,300	

BPM