

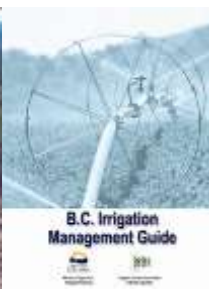


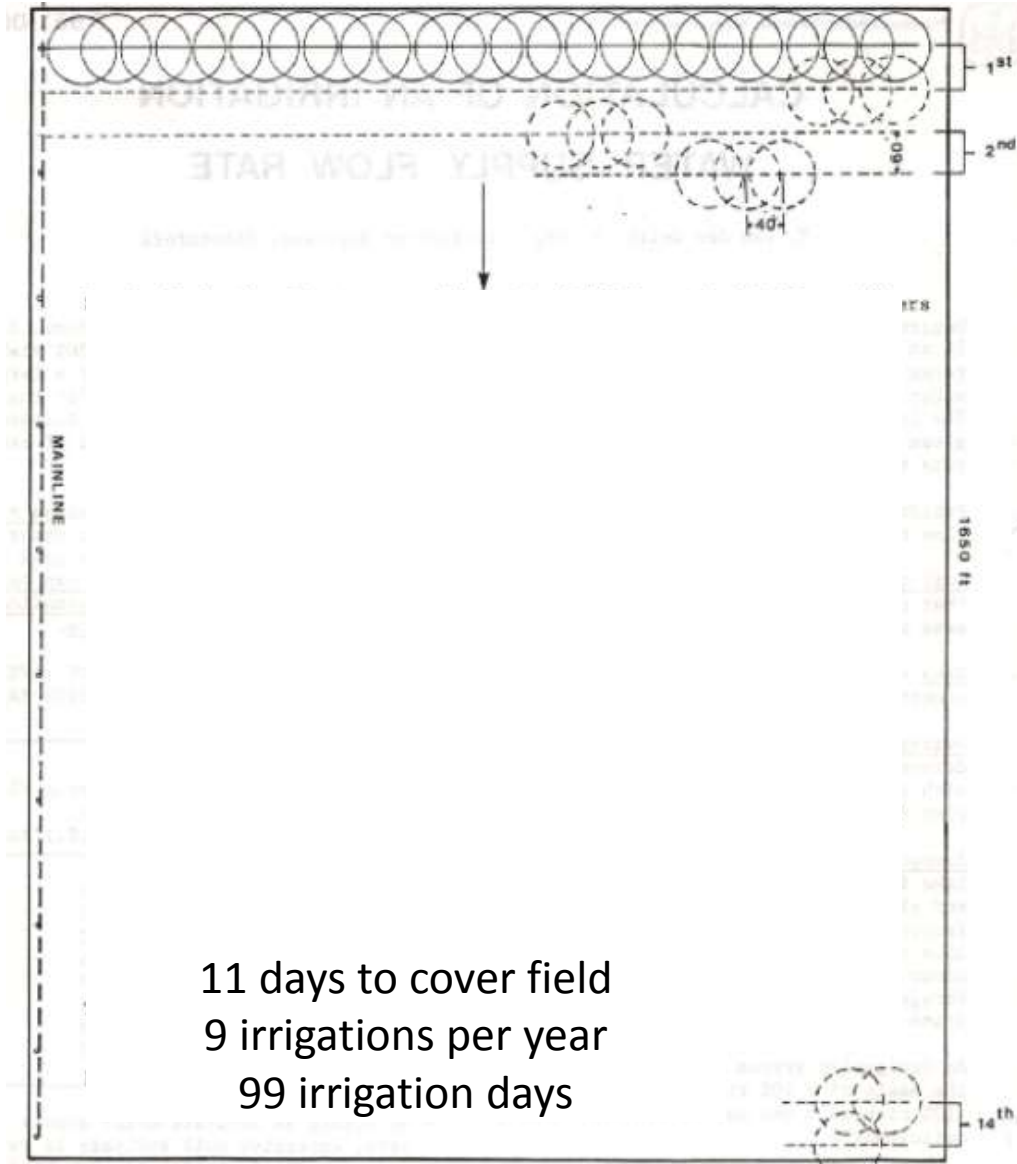
Irrigation Management and Low Flows

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President

Partnership for Water Sustainability in BC



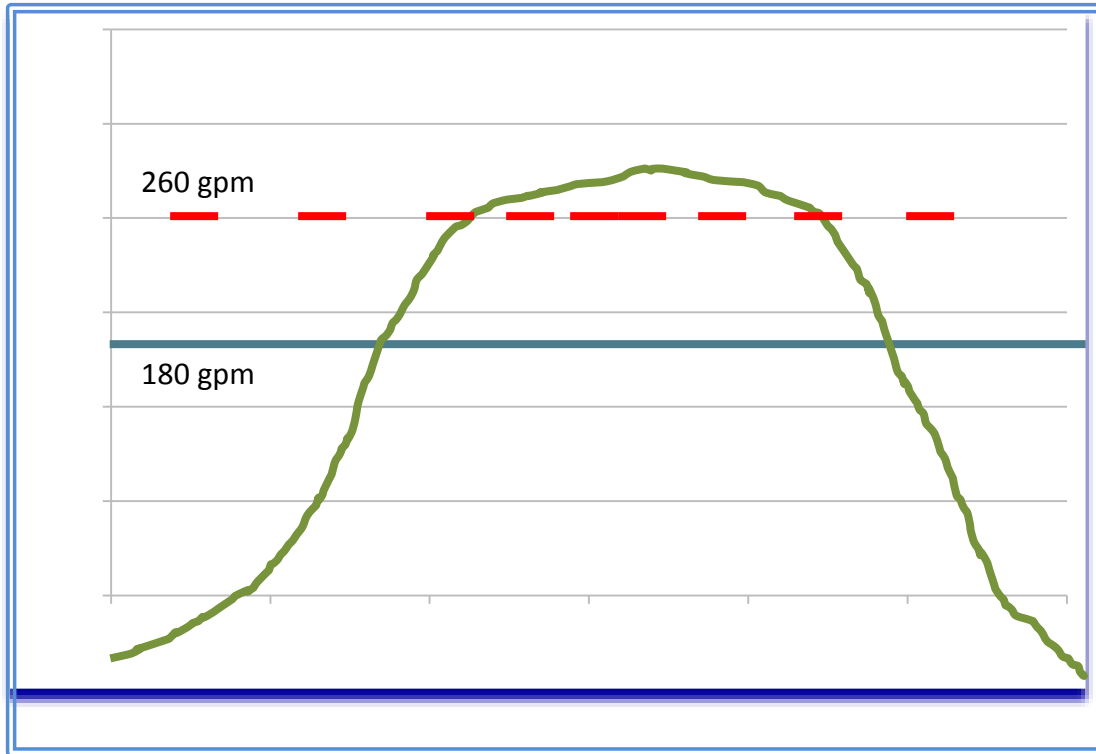


11 days to cover field
 9 irrigations per year
 99 irrigation days

40 acre field in Kamloops - 16 ha			
260 gpm peak irrigation requirement -			
1320 ft lateral - 33 sprinklers -8 gpm each			
Annual water requirement - 32 inches - 812 mm			
For 40 acres = 107 acre -ft = 131600 m3			
Each irrigation applies 90 mm			
9 irrigations per season			
each irrigation takes 11 days to cover field			
99 irrigation days			



Agriculture Water Demand



- Crop demand
- - - Irrigation peak flow to match crop
- Average Irrigation flow over the entire season

131,600 m ³	equal to 260 gpm over 99 irrigation days
	equal to 180 gpm over 150 irrigation days

