

200 acre total to be irrigated.

50 " irrigated from high Point. 362' Elev.
 150 " " " " road level 282' Elev.

200 acre estimated to need 3' coverage - or 600 acre feet of water.

2 months (July and August) should use 2 acre feet, or 400 acre ft.

400 acre feet in 60 days is the peak load.

if Power on flat rate water delivered would be 800 acre feet in 4 months

120 days irrigation using 800 acre feet means 6.6 ac ft. per day.

(1 acre foot per day equals ^{American} 225 Gal. Per. Min.)

6.6 " " " " " 1485 " " "

" " " " " ~~1069,200~~ " " Day.

2,138,400

~~200 acres use 1070 gal per day. 2,138,400 or 1485 per min.~~

~~1 " " 5340 " " 1,069,200~~

~~50 " " 267,500~~

~~150 " " "~~

200 acres irrigated 3ft. water use. 1485 gal per min or 2,138,400 per day.

1 " " 3 " " " 7.4 " " " " 10,692 " "

50 " (362) " 3 " " " 370. " " " " 534,600 " "

150 " (282) " 3 " " " 1110. " " " " 1,603,800 " "