WEST CANADIAN HYDRO ELECTRIC CORPORATION LIMITED.

IRRIGATION PUMPING. June 8th. 1930.

1 c.f.s. = 448.8 U.S. gals.per min. = 323158 gals. in 12 hrs.

= 646326 gals. in 24 hrs.

1.2 ac. ft. per day.

225 U.S. gals per min = inc. ft. per day.

= 150 ac. ft. in 150 days.

2.50 ac. ft. in 150 days = 3.75 gals. per min. per acre.

3.75 gals. per acre require H.P. and will cost per acre

Season 150 days as follows:

		Large Using 25 H.P. & Over	Small. Using 25 HP: (Under)
10'	.0184 H.P.	$0.64	$0.70
20	.0368 H.P.	1.28	1.40
50'	.092	3.20	3.52
100'	.184	6.40	7.00
150'	.276	9.60	10.60
200'	.368	12.80	14.00
300'	.552	19.20	21.00
400'	.736	25.60	28.20
500'	.920	32.00	35.20
600'	.1104	41.60	45.80

The above figures are based on using High Efficiency Pumps.

200 acres total.

50 acres. with highest point. 362' El. pipe. 5000'

150 " " " " 282' El. pipe 3500'

1st 500' rises about 150'

1485

175. HP.
5.
875.
5.
4375.
1000
5375.
1800.
3575.

1800.

242
164
406

50,000.

90.

12500 ×

1,2,500.00

1/4

625.00

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