

POND CONSUMPTIVE USE CALC												
ANNUAL FWS EVAP (inches)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
40	40	40	40	40	40	40	40	40	40	40	40	40
MONTHLY DISTRIBUTION (%)	1	2	4	7	12	15	19	16	11	6	4	3
Monthly FWS evap--(in/month)	0.4	0.8	1.6	2.8	4.8	6	7.6	6.4	4.4	2.4	1.6	1.2
AVE TOTAL precip-- (in/month)	1.34	1.11	1.1	1.24	1.85	1.84	1.04	1.17	1.25	1.21	1.07	1.37
Pond Loss	0	0	0.5	1.56	2.95	4.16	6.56	5.23	3.15	1.19	0.53	0
POND SURFACE ACRES	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Pond Loss --(acre-in)	0	0	0.25	0.78	1.475	2.08	3.28	2.615	1.575	0.6	0.265	0
Total Pond Loss-- (acre-ft)	1.07625											

IRRIGATION CONSUMPTION		CROP
MEAN IRRIGATION REQ (mm/season)	625	pasture
MEAN IRRIGATION REQ (FT/season)	2.05	
ACRES TO DRY UP FOR POND USE	0.52	

RED LINES ARE INPUT VALUES FROM CHARTS, APPENDIX AND FROM TRANSFER

5 Acres x 2.05 AF/A = 10.1 AF
 drip use consumptive to fill the ponds which is more than enough