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## Pump Settings for LPD4 E-Plus Lo-Dose Electronic Injection Pump

Maximum Capacity is 21 gallons per day (0.87 gallons per hour)  
 Maximum Operating Pressure is 150 PSI

Number of Acres to be Irrigated	Gallons per Application Monthly	(A)Gallons per Application Weekly	(B) Irrigation Time in Hours								
			1	2	6	7	8	9	10	11	12
			Pump Setting (Percent Stroke)								
4	1	0.25	28.5	14.3	4.8	4.1	3.6	3.2	2.9	2.6	2.4
10	2.5	0.63	72	36	12	10	9	8	7.2	6.5	6.0
20	5	1.25	X	71	24	20	18	16	14	13	12
30	7.5	1.88	X	100	36	31	27	24	21	19	18
40	10	2.5	X	X	48	41	36	32	29	26	24
50	12.5	3.13	X	X	59	51	45	40	36	32	30
60	15	3.75	X	X	71	61	53	48	43	39	36
70	17.5	4.38	X	X	83	71	62	55	50	45	42
80	20	5	X	X	95	81	71	63	57	52	48
90	22.5	5.63	X	X	X	92	80	71	64	58	53
100	25	6.25	X	X	X	100	89	79	71	65	59
120	30	7.5	X	X	X	X	100	95	86	78	71
140	35	8.75	X	X	X	X	X	X	100	91	83
150	38	9.5	X	X	X	X	X	X	X	100	90
160	40	10	X	X	X	X	X	X	X	X	95

**Notes:**

- Settings are calculated for one quart per month rate.
- For two quarts per month rate, multiply the settings by 2.
- "X" exceeds pump capacity for indicated times
- Pump Setting Formula:  
 ("A" / "B") x 114 = Pump Stroke Setting
- Consult your pump Instruction Manual for additional information.

**PLEASE NOTE: Pump must be running to change adjustments. DO NOT MOVE SETTING UNLESS PUMP IS RUNNING!!! DAMAGE TO PUMP WILL RESULT!!!**

**To Compute Injection Acreage:**

- Add 10 acres to fairways for overspray
- Double area of greens and tees for overspray
- Add fairway acreage with green and tee acreage and apply to chart using next highest acreage



# INJECTION PUMP INSTALLATION INSTRUCTIONS

## MODEL: LPD4

### Assembly Note:

- Be sure to use teflon tape to wrap all threads.
- Do not assemble any fitting. Just loosen and insert tubing, then tighten nuts gently. Too much pressure can strip the threads or crack the fittings.
- The pump must be running to change settings. Do not move settings unless the pump is running. Damage to the pump will result.

Timmer (Grounded):  
Plug into 110V outlet. Do  
not remove ground pins.  
Read enclosed instructions  
for operation.

If you have any questions and/or require further information,  
please consult your operation manual and/or call 252-937-4107.

