

### Amount of time to run the lagoon pump on each check or irrigation set to achieve a specific nitrogen application

lbs of nitrogen per hour from pond based on pump gpm and pond concentration

	25	50	75	100	125	150	175	200	225	250	275	300	325	350
100	4 h 0 m	2 h 0 m	1 h 20 m	1 h 0 m	0 h 48 m	0 h 40 m	0 h 34 m	0 h 30 m	0 h 27 m	0 h 24 m	0 h 22 m	0 h 20 m	0 h 18 m	0 h 17 m
125	5 h 0 m	2 h 30 m	1 h 40 m	1 h 15 m	1 h 0 m	0 h 50 m	0 h 43 m	0 h 38 m	0 h 33 m	0 h 30 m	0 h 27 m	0 h 25 m	0 h 23 m	0 h 21 m
150	6 h 0 m	3 h 0 m	2 h 0 m	1 h 30 m	1 h 12 m	1 h 0 m	0 h 51 m	0 h 45 m	0 h 40 m	0 h 36 m	0 h 33 m	0 h 30 m	0 h 28 m	0 h 26 m
175	7 h 0 m	3 h 30 m	2 h 20 m	1 h 45 m	1 h 24 m	1 h 10 m	1 h 0 m	0 h 53 m	0 h 47 m	0 h 42 m	0 h 38 m	0 h 35 m	0 h 32 m	0 h 30 m
200	8 h 0 m	4 h 0 m	2 h 40 m	2 h 0 m	1 h 36 m	1 h 20 m	1 h 9 m	1 h 0 m	0 h 53 m	0 h 48 m	0 h 44 m	0 h 40 m	0 h 37 m	0 h 34 m
225	9 h 0 m	4 h 30 m	3 h 0 m	2 h 15 m	1 h 48 m	1 h 30 m	1 h 17 m	1 h 8 m	1 h 0 m	0 h 54 m	0 h 49 m	0 h 45 m	0 h 42 m	0 h 39 m
250	10 h 0 m	5 h 0 m	3 h 20 m	2 h 30 m	2 h 0 m	1 h 40 m	1 h 26 m	1 h 15 m	1 h 7 m	1 h 0 m	0 h 55 m	0 h 50 m	0 h 46 m	0 h 43 m
275	11 h 0 m	5 h 30 m	3 h 40 m	2 h 45 m	2 h 12 m	1 h 50 m	1 h 34 m	1 h 23 m	1 h 13 m	1 h 6 m	1 h 0 m	0 h 55 m	0 h 51 m	0 h 47 m
300	12 h 0 m	6 h 0 m	4 h 0 m	3 h 0 m	2 h 24 m	2 h 0 m	1 h 43 m	1 h 30 m	1 h 20 m	1 h 12 m	1 h 5 m	1 h 0 m	0 h 55 m	0 h 51 m
325	13 h 0 m	6 h 30 m	4 h 20 m	3 h 15 m	2 h 36 m	2 h 10 m	1 h 51 m	1 h 38 m	1 h 27 m	1 h 18 m	1 h 11 m	1 h 5 m	1 h 0 m	0 h 56 m
350	14 h 0 m	7 h 0 m	4 h 40 m	3 h 30 m	2 h 48 m	2 h 20 m	2 h 0 m	1 h 45 m	1 h 33 m	1 h 24 m	1 h 16 m	1 h 10 m	1 h 5 m	1 h 0 m
375	15 h 0 m	7 h 30 m	5 h 0 m	3 h 45 m	3 h 0 m	2 h 30 m	2 h 9 m	1 h 53 m	1 h 40 m	1 h 30 m	1 h 22 m	1 h 15 m	1 h 9 m	1 h 4 m
400	16 h 0 m	8 h 0 m	5 h 20 m	4 h 0 m	3 h 12 m	2 h 40 m	2 h 17 m	2 h 0 m	1 h 47 m	1 h 36 m	1 h 27 m	1 h 20 m	1 h 14 m	1 h 9 m
425	17 h 0 m	8 h 30 m	5 h 40 m	4 h 15 m	3 h 24 m	2 h 50 m	2 h 26 m	2 h 8 m	1 h 53 m	1 h 42 m	1 h 33 m	1 h 25 m	1 h 18 m	1 h 13 m
450	18 h 0 m	9 h 0 m	6 h 0 m	4 h 30 m	3 h 36 m	3 h 0 m	2 h 34 m	2 h 15 m	2 h 0 m	1 h 48 m	1 h 38 m	1 h 30 m	1 h 23 m	1 h 17 m
475	19 h 0 m	9 h 30 m	6 h 20 m	4 h 45 m	3 h 48 m	3 h 10 m	2 h 43 m	2 h 23 m	2 h 7 m	1 h 54 m	1 h 44 m	1 h 35 m	1 h 28 m	1 h 21 m
500	20 h 0 m	10 h 0 m	6 h 40 m	5 h 0 m	4 h 0 m	3 h 20 m	2 h 51 m	2 h 30 m	2 h 13 m	2 h 0 m	1 h 49 m	1 h 40 m	1 h 32 m	1 h 26 m
525	21 h 0 m	10 h 30 m	7 h 0 m	5 h 15 m	4 h 12 m	3 h 30 m	3 h 0 m	2 h 38 m	2 h 20 m	2 h 6 m	1 h 55 m	1 h 45 m	1 h 37 m	1 h 30 m
550	22 h 0 m	11 h 0 m	7 h 20 m	5 h 30 m	4 h 24 m	3 h 40 m	3 h 9 m	2 h 45 m	2 h 27 m	2 h 12 m	2 h 0 m	1 h 50 m	1 h 42 m	1 h 34 m
575	23 h 0 m	11 h 30 m	7 h 40 m	5 h 45 m	4 h 36 m	3 h 50 m	3 h 17 m	2 h 53 m	2 h 33 m	2 h 18 m	2 h 5 m	1 h 55 m	1 h 46 m	1 h 39 m
600	24 h 0 m	12 h 0 m	8 h 0 m	6 h 0 m	4 h 48 m	4 h 0 m	3 h 26 m	3 h 0 m	2 h 40 m	2 h 24 m	2 h 11 m	2 h 0 m	1 h 51 m	1 h 43 m
625	25 h 0 m	12 h 30 m	8 h 20 m	6 h 15 m	5 h 0 m	4 h 10 m	3 h 34 m	3 h 8 m	2 h 47 m	2 h 30 m	2 h 16 m	2 h 5 m	1 h 55 m	1 h 47 m
650	26 h 0 m	13 h 0 m	8 h 40 m	6 h 30 m	5 h 12 m	4 h 20 m	3 h 43 m	3 h 15 m	2 h 53 m	2 h 36 m	2 h 22 m	2 h 10 m	2 h 0 m	1 h 51 m
675	27 h 0 m	13 h 30 m	9 h 0 m	6 h 45 m	5 h 24 m	4 h 30 m	3 h 51 m	3 h 23 m	3 h 0 m	2 h 42 m	2 h 27 m	2 h 15 m	2 h 5 m	1 h 56 m
700	28 h 0 m	14 h 0 m	9 h 20 m	7 h 0 m	5 h 36 m	4 h 40 m	4 h 0 m	3 h 30 m	3 h 7 m	2 h 48 m	2 h 33 m	2 h 20 m	2 h 9 m	2 h 0 m
725	29 h 0 m	14 h 30 m	9 h 40 m	7 h 15 m	5 h 48 m	4 h 50 m	4 h 9 m	3 h 38 m	3 h 13 m	2 h 54 m	2 h 38 m	2 h 25 m	2 h 14 m	2 h 4 m
750	30 h 0 m	15 h 0 m	10 h 0 m	7 h 30 m	6 h 0 m	5 h 0 m	4 h 17 m	3 h 45 m	3 h 20 m	3 h 0 m	2 h 44 m	2 h 30 m	2 h 18 m	2 h 9 m
775	31 h 0 m	15 h 30 m	10 h 20 m	7 h 45 m	6 h 12 m	5 h 10 m	4 h 26 m	3 h 53 m	3 h 27 m	3 h 6 m	2 h 49 m	2 h 35 m	2 h 23 m	2 h 13 m
800	32 h 0 m	16 h 0 m	10 h 40 m	8 h 0 m	6 h 24 m	5 h 20 m	4 h 34 m	4 h 0 m	3 h 33 m	3 h 12 m	2 h 55 m	2 h 40 m	2 h 28 m	2 h 17 m
825	33 h 0 m	16 h 30 m	11 h 0 m	8 h 15 m	6 h 36 m	5 h 30 m	4 h 43 m	4 h 8 m	3 h 40 m	3 h 18 m	3 h 0 m	2 h 45 m	2 h 32 m	2 h 21 m
850	34 h 0 m	17 h 0 m	11 h 20 m	8 h 30 m	6 h 48 m	5 h 40 m	4 h 51 m	4 h 15 m	3 h 47 m	3 h 24 m	3 h 5 m	2 h 50 m	2 h 37 m	2 h 26 m
875	35 h 0 m	17 h 30 m	11 h 40 m	8 h 45 m	7 h 0 m	5 h 50 m	5 h 0 m	4 h 23 m	3 h 53 m	3 h 30 m	3 h 11 m	2 h 55 m	2 h 42 m	2 h 30 m
900	36 h 0 m	18 h 0 m	12 h 0 m	9 h 0 m	7 h 12 m	6 h 0 m	5 h 9 m	4 h 30 m	4 h 0 m	3 h 36 m	3 h 16 m	3 h 0 m	2 h 46 m	2 h 34 m
925	37 h 0 m	18 h 30 m	12 h 20 m	9 h 15 m	7 h 24 m	6 h 10 m	5 h 17 m	4 h 38 m	4 h 7 m	3 h 42 m	3 h 22 m	3 h 5 m	2 h 51 m	2 h 39 m
950	38 h 0 m	19 h 0 m	12 h 40 m	9 h 30 m	7 h 36 m	6 h 20 m	5 h 26 m	4 h 45 m	4 h 13 m	3 h 48 m	3 h 27 m	3 h 10 m	2 h 55 m	2 h 43 m
975	39 h 0 m	19 h 30 m	13 h 0 m	9 h 45 m	7 h 48 m	6 h 30 m	5 h 34 m	4 h 53 m	4 h 20 m	3 h 54 m	3 h 33 m	3 h 15 m	3 h 0 m	2 h 47 m
1000	40 h 0 m	20 h 0 m	13 h 20 m	10 h 0 m	8 h 0 m	6 h 40 m	5 h 43 m	5 h 0 m	4 h 27 m	4 h 0 m	3 h 38 m	3 h 20 m	3 h 5 m	2 h 51 m
1025	41 h 0 m	20 h 30 m	13 h 40 m	10 h 15 m	8 h 12 m	6 h 50 m	5 h 51 m	5 h 8 m	4 h 33 m	4 h 6 m	3 h 44 m	3 h 25 m	3 h 9 m	2 h 56 m
1050	42 h 0 m	21 h 0 m	14 h 0 m	10 h 30 m	8 h 24 m	7 h 0 m	6 h 0 m	5 h 15 m	4 h 40 m	4 h 12 m	3 h 49 m	3 h 30 m	3 h 14 m	3 h 0 m