

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

| | 275 | 300 | 325 | 350 | 375 | 400 | 425 | 450 | 475 | 500 | 525 | 550 | 575 | 600 |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 100 | 0 h 22 m | 0 h 20 m | 0 h 18 m | 0 h 17 m | 0 h 16 m | 0 h 15 m | 0 h 14 m | 0 h 13 m | 0 h 13 m | 0 h 12 m | 0 h 11 m | 0 h 11 m | 0 h 10 m | 0 h 10 m |
| 125 | 0 h 27 m | 0 h 25 m | 0 h 23 m | 0 h 21 m | 0 h 20 m | 0 h 19 m | 0 h 18 m | 0 h 17 m | 0 h 16 m | 0 h 15 m | 0 h 14 m | 0 h 14 m | 0 h 13 m | 0 h 13 m |
| 150 | 0 h 33 m | 0 h 30 m | 0 h 28 m | 0 h 26 m | 0 h 24 m | 0 h 23 m | 0 h 21 m | 0 h 20 m | 0 h 19 m | 0 h 18 m | 0 h 17 m | 0 h 16 m | 0 h 16 m | 0 h 15 m |
| 175 | 0 h 38 m | 0 h 35 m | 0 h 32 m | 0 h 30 m | 0 h 28 m | 0 h 26 m | 0 h 25 m | 0 h 23 m | 0 h 22 m | 0 h 21 m | 0 h 20 m | 0 h 19 m | 0 h 18 m | 0 h 18 m |
| 200 | 0 h 44 m | 0 h 40 m | 0 h 37 m | 0 h 34 m | 0 h 32 m | 0 h 30 m | 0 h 28 m | 0 h 27 m | 0 h 25 m | 0 h 24 m | 0 h 23 m | 0 h 22 m | 0 h 21 m | 0 h 20 m |
| 225 | 0 h 49 m | 0 h 45 m | 0 h 42 m | 0 h 39 m | 0 h 36 m | 0 h 34 m | 0 h 32 m | 0 h 30 m | 0 h 28 m | 0 h 27 m | 0 h 26 m | 0 h 25 m | 0 h 23 m | 0 h 23 m |
| 250 | 0 h 55 m | 0 h 50 m | 0 h 46 m | 0 h 43 m | 0 h 40 m | 0 h 38 m | 0 h 35 m | 0 h 33 m | 0 h 32 m | 0 h 30 m | 0 h 29 m | 0 h 27 m | 0 h 26 m | 0 h 25 m |
| 275 | 1 h 0 m | 0 h 55 m | 0 h 51 m | 0 h 47 m | 0 h 44 m | 0 h 41 m | 0 h 39 m | 0 h 37 m | 0 h 35 m | 0 h 33 m | 0 h 31 m | 0 h 30 m | 0 h 29 m | 0 h 28 m |
| 300 | 1 h 5 m | 1 h 0 m | 0 h 55 m | 0 h 51 m | 0 h 48 m | 0 h 45 m | 0 h 42 m | 0 h 40 m | 0 h 38 m | 0 h 36 m | 0 h 34 m | 0 h 33 m | 0 h 31 m | 0 h 30 m |
| 325 | 1 h 11 m | 1 h 5 m | 1 h 0 m | 0 h 56 m | 0 h 52 m | 0 h 49 m | 0 h 46 m | 0 h 43 m | 0 h 41 m | 0 h 39 m | 0 h 37 m | 0 h 35 m | 0 h 34 m | 0 h 33 m |
| 350 | 1 h 16 m | 1 h 10 m | 1 h 5 m | 1 h 0 m | 0 h 56 m | 0 h 53 m | 0 h 49 m | 0 h 47 m | 0 h 44 m | 0 h 42 m | 0 h 40 m | 0 h 38 m | 0 h 37 m | 0 h 35 m |
| 375 | 1 h 22 m | 1 h 15 m | 1 h 9 m | 1 h 4 m | 1 h 0 m | 0 h 56 m | 0 h 53 m | 0 h 50 m | 0 h 47 m | 0 h 45 m | 0 h 43 m | 0 h 41 m | 0 h 39 m | 0 h 38 m |
| 400 | 1 h 27 m | 1 h 20 m | 1 h 14 m | 1 h 9 m | 1 h 4 m | 1 h 0 m | 0 h 56 m | 0 h 53 m | 0 h 51 m | 0 h 48 m | 0 h 46 m | 0 h 44 m | 0 h 42 m | 0 h 40 m |
| 425 | 1 h 33 m | 1 h 25 m | 1 h 18 m | 1 h 13 m | 1 h 8 m | 1 h 4 m | 1 h 0 m | 0 h 57 m | 0 h 54 m | 0 h 51 m | 0 h 49 m | 0 h 46 m | 0 h 44 m | 0 h 43 m |
| 450 | 1 h 38 m | 1 h 30 m | 1 h 23 m | 1 h 17 m | 1 h 12 m | 1 h 8 m | 1 h 4 m | 1 h 0 m | 0 h 57 m | 0 h 54 m | 0 h 51 m | 0 h 49 m | 0 h 47 m | 0 h 45 m |
| 475 | 1 h 44 m | 1 h 35 m | 1 h 28 m | 1 h 21 m | 1 h 16 m | 1 h 11 m | 1 h 7 m | 1 h 3 m | 1 h 0 m | 0 h 57 m | 0 h 54 m | 0 h 52 m | 0 h 50 m | 0 h 48 m |
| 500 | 1 h 49 m | 1 h 40 m | 1 h 32 m | 1 h 26 m | 1 h 20 m | 1 h 15 m | 1 h 11 m | 1 h 7 m | 1 h 3 m | 1 h 0 m | 0 h 57 m | 0 h 55 m | 0 h 52 m | 0 h 50 m |
| 525 | 1 h 55 m | 1 h 45 m | 1 h 37 m | 1 h 30 m | 1 h 24 m | 1 h 19 m | 1 h 14 m | 1 h 10 m | 1 h 6 m | 1 h 3 m | 1 h 0 m | 0 h 57 m | 0 h 55 m | 0 h 53 m |
| 550 | 2 h 0 m | 1 h 50 m | 1 h 42 m | 1 h 34 m | 1 h 28 m | 1 h 23 m | 1 h 18 m | 1 h 13 m | 1 h 9 m | 1 h 6 m | 1 h 3 m | 1 h 0 m | 0 h 57 m | 0 h 55 m |
| 575 | 2 h 5 m | 1 h 55 m | 1 h 46 m | 1 h 39 m | 1 h 32 m | 1 h 26 m | 1 h 21 m | 1 h 17 m | 1 h 13 m | 1 h 9 m | 1 h 6 m | 1 h 3 m | 1 h 0 m | 0 h 58 m |
| 600 | 2 h 11 m | 2 h 0 m | 1 h 51 m | 1 h 43 m | 1 h 36 m | 1 h 30 m | 1 h 25 m | 1 h 20 m | 1 h 16 m | 1 h 12 m | 1 h 9 m | 1 h 5 m | 1 h 3 m | 1 h 0 m |
| 625 | 2 h 16 m | 2 h 5 m | 1 h 55 m | 1 h 47 m | 1 h 40 m | 1 h 34 m | 1 h 28 m | 1 h 23 m | 1 h 19 m | 1 h 15 m | 1 h 11 m | 1 h 8 m | 1 h 5 m | 1 h 3 m |
| 650 | 2 h 22 m | 2 h 10 m | 2 h 0 m | 1 h 51 m | 1 h 44 m | 1 h 38 m | 1 h 32 m | 1 h 27 m | 1 h 22 m | 1 h 18 m | 1 h 14 m | 1 h 11 m | 1 h 8 m | 1 h 5 m |
| 675 | 2 h 27 m | 2 h 15 m | 2 h 5 m | 1 h 56 m | 1 h 48 m | 1 h 41 m | 1 h 35 m | 1 h 30 m | 1 h 25 m | 1 h 21 m | 1 h 17 m | 1 h 14 m | 1 h 10 m | 1 h 8 m |
| 700 | 2 h 33 m | 2 h 20 m | 2 h 9 m | 2 h 0 m | 1 h 52 m | 1 h 45 m | 1 h 39 m | 1 h 33 m | 1 h 28 m | 1 h 24 m | 1 h 20 m | 1 h 16 m | 1 h 13 m | 1 h 10 m |
| 725 | 2 h 38 m | 2 h 25 m | 2 h 14 m | 2 h 4 m | 1 h 56 m | 1 h 49 m | 1 h 42 m | 1 h 37 m | 1 h 32 m | 1 h 27 m | 1 h 23 m | 1 h 19 m | 1 h 16 m | 1 h 13 m |
| 750 | 2 h 44 m | 2 h 30 m | 2 h 18 m | 2 h 9 m | 2 h 0 m | 1 h 53 m | 1 h 46 m | 1 h 40 m | 1 h 35 m | 1 h 30 m | 1 h 26 m | 1 h 22 m | 1 h 18 m | 1 h 15 m |
| 775 | 2 h 49 m | 2 h 35 m | 2 h 23 m | 2 h 13 m | 2 h 4 m | 1 h 56 m | 1 h 49 m | 1 h 43 m | 1 h 38 m | 1 h 33 m | 1 h 29 m | 1 h 25 m | 1 h 21 m | 1 h 18 m |
| 800 | 2 h 55 m | 2 h 40 m | 2 h 28 m | 2 h 17 m | 2 h 8 m | 2 h 0 m | 1 h 53 m | 1 h 47 m | 1 h 41 m | 1 h 36 m | 1 h 31 m | 1 h 27 m | 1 h 23 m | 1 h 20 m |
| 825 | 3 h 0 m | 2 h 45 m | 2 h 32 m | 2 h 21 m | 2 h 12 m | 2 h 4 m | 1 h 56 m | 1 h 50 m | 1 h 44 m | 1 h 39 m | 1 h 34 m | 1 h 30 m | 1 h 26 m | 1 h 23 m |
| 850 | 3 h 5 m | 2 h 50 m | 2 h 37 m | 2 h 26 m | 2 h 16 m | 2 h 8 m | 2 h 0 m | 1 h 53 m | 1 h 47 m | 1 h 42 m | 1 h 37 m | 1 h 33 m | 1 h 29 m | 1 h 25 m |
| 875 | 3 h 11 m | 2 h 55 m | 2 h 42 m | 2 h 30 m | 2 h 20 m | 2 h 11 m | 2 h 4 m | 1 h 57 m | 1 h 51 m | 1 h 45 m | 1 h 40 m | 1 h 35 m | 1 h 31 m | 1 h 28 m |
| 900 | 3 h 16 m | 3 h 0 m | 2 h 46 m | 2 h 34 m | 2 h 24 m | 2 h 15 m | 2 h 7 m | 2 h 0 m | 1 h 54 m | 1 h 48 m | 1 h 43 m | 1 h 38 m | 1 h 34 m | 1 h 30 m |
| 925 | 3 h 22 m | 3 h 5 m | 2 h 51 m | 2 h 39 m | 2 h 28 m | 2 h 19 m | 2 h 11 m | 2 h 3 m | 1 h 57 m | 1 h 51 m | 1 h 46 m | 1 h 41 m | 1 h 37 m | 1 h 33 m |
| 950 | 3 h 27 m | 3 h 10 m | 2 h 55 m | 2 h 43 m | 2 h 32 m | 2 h 23 m | 2 h 14 m | 2 h 7 m | 2 h 0 m | 1 h 54 m | 1 h 49 m | 1 h 44 m | 1 h 39 m | 1 h 35 m |
| 975 | 3 h 33 m | 3 h 15 m | 3 h 0 m | 2 h 47 m | 2 h 36 m | 2 h 26 m | 2 h 18 m | 2 h 10 m | 2 h 3 m | 1 h 57 m | 1 h 51 m | 1 h 46 m | 1 h 42 m | 1 h 38 m |
| 1000 | 3 h 38 m | 3 h 20 m | 3 h 5 m | 2 h 51 m | 2 h 40 m | 2 h 30 m | 2 h 21 m | 2 h 13 m | 2 h 6 m | 2 h 0 m | 1 h 54 m | 1 h 49 m | 1 h 44 m | 1 h 40 m |
| 1025 | 3 h 44 m | 3 h 25 m | 3 h 9 m | 2 h 56 m | 2 h 44 m | 2 h 34 m | 2 h 25 m | 2 h 17 m | 2 h 9 m | 2 h 3 m | 1 h 57 m | 1 h 52 m | 1 h 47 m | 1 h 43 m |
| 1050 | 3 h 49 m | 3 h 30 m | 3 h 14 m | 3 h 0 m | 2 h 48 m | 2 h 38 m | 2 h 28 m | 2 h 20 m | 2 h 13 m | 2 h 6 m | 2 h 0 m | 1 h 55 m | 1 h 50 m | 1 h 45 m |