

Other Useful Information

**TABLE 5 - CARRYOVER NITRATE-NITROGEN (ppm)
Shallow Soil Sample ppm (0-8")**

| ppm | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | |
|-------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Deep Sample ppm (8" TO 24") | 2 | 2 | 3 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 |
| | 3 | 3 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 12 |
| | 4 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 |
| | 5 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 |
| | 6 | 5 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 |
| | 7 | 5 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 |
| | 8 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 |
| | 9 | 7 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 |
| | 10 | 7 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 |
| | 11 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 |
| | 12 | 9 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 |
| | 13 | 9 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 |
| | 14 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 |
| | 15 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 |
| | 16 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 |
| | 17 | 12 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 |
| | 18 | 13 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 |
| | 19 | 13 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 |
| | 20 | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 |
| | 21 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 | 23 |
| | 22 | 15 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 |
| | 23 | 16 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 |
| | 24 | 17 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 25 |
| | 25 | 17 | 18 | 19 | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 25 | 26 |

TABLE 6 - PREVIOUS LEGUME CROP CREDIT

| Legume Crop | Pounds of credit |
|-----------------------|-----------------------|
| Alfalfa 70-100% stand | 150 |
| Alfalfa 30-69% stand | 120 |
| Alfalfa 0 - 29% stand | 90 |
| Clover (Sweet or Red) | 80% of alfalfa credit |
| Soybeans | 45 |

TABLE 7 - NITROGEN IN IRRIGATION WATER

| Nitrate in water | 10 | 15 | 20 | 25 |
|-----------------------------|--------------------------------|----|-----|-----|
| Water Applied (inches/acre) | LBS OF NITROGEN ADDED PER ACRE | | | |
| 5 | 14 | 20 | 27 | 34 |
| 7.5 | 20 | 30 | 41 | 51 |
| 10 | 27 | 41 | 54 | 68 |
| 12.5 | 34 | 51 | 68 | 84 |
| 15 | 41 | 61 | 81 | 101 |
| 20 | 54 | 81 | 108 | 135 |

TABLE 8 - NITROGEN FROM OTHER SOURCES

| | |
|---------------------|--------------------|
| Beef feedlot manure | 4-5 lbs/ton |
| Dairy cattle manure | 3 lbs/ton |
| Sheep Manure | 5 lbs/ton |
| Poultry manure | 15 lbs/ton |
| Swine manure | 10 lbs/ton |
| Plant compost | 3-5 lbs/ton |
| Sewage sludge | 2-3 lbs/ton |
| Swine slurry | 2-10 lbs/1,000 gal |
| Beef slurry | 2-10 lbs/1,000 gal |
| Dairy slurry | 2-6 lbs/1000 gal |