

**Nutrient Production**  
**North Fork Pork, LLC**

| Nutrient Production |                    |         |      |       |                           |                              |                             |
|---------------------|--------------------|---------|------|-------|---------------------------|------------------------------|-----------------------------|
| Per 1,000 Gal       |                    |         |      |       |                           |                              |                             |
| Type of animal      | Gallons Produced * | Total N | P2O5 | K2O   | Total N Produced Per Year | Total P2O5 Produced Per Year | Total K2O Produced Per Year |
| Swine Deep Pit      | 5,555,210          | 27.8    | 7.9  | 14.05 | 154,435                   | 43,886                       | 78,051                      |
| <b>Whole Farm</b>   |                    |         |      |       | <b>154,435</b>            | <b>43,886</b>                | <b>78,051</b>               |

\* From Waste volume calculation page

**Crop Nutrient Need**

Per Acre

| Crop                 | Yield | N lbs/ac | P2O5 lbs/ac | K2O lbs/ac | Acres needed based on N produced** | Acres needed based on P2O5 produced*** |
|----------------------|-------|----------|-------------|------------|------------------------------------|--|
| Corn (continuous)    | 170.0 | 204      | 73          | 48         | 757                                | 601                                    |
| Corn (bean rotation) | 170.0 | 164      | 73          | 48         | 942                                | 601                                    |
| Beans                | 55.0  | 0        | 46.5        | 71.5       | n/a                                | 944                                    |
| Wheat                | 80.0  | 80       | 72          | 24         | 1930                               | 610                                    |
| Alfalfa Hay          | 4.0   | 0        | 48          | 200        | n/a                                | 914                                    |
| Grass                | 3.0   | 150      | 36          | 150        | 1030                               | 1,219                                  |

\*\*Total N produced/N needed per acre

\*\*\*Total P produced/P needed per acre

| Current crop rotation |              |               |               |
|-----------------------|--------------|---------------|---------------|
| Crop                  | Acres        | N needed      | P2O5 needed   |
| Corn (continuous)     | 126          | 25,704        | 9,198         |
| Corn (bean rotation)  | 345          | 56,580        | 25,185        |
| Beans                 | 534          | 0             | 24,824        |
| Wheat                 | 141          | 11,243        | 10,119        |
| Alfalfa Hay           | 0            | 0             | 0             |
| Grass                 | 0            | 0             | 0             |
| <b>Total</b>          | <b>1,145</b> | <b>93,527</b> | <b>69,325</b> |

Calculations do not take into account nutrient losses from application of waste.