

## Nutrient Production

### Pinnacle Genetics

#### 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
Deep Pit	4,836,000	24.5	18.3	13.3	118,482	88,499	64,319
<b>Whole Farm</b>					<b>118,482</b>	<b>88,499</b>	<b>64,319</b>

\* Based on three year average of actual manure pumping records.

#### 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	581	1,212
Corn (bean rotation)	170.0	164	73	48	722	1,212
Beans	50.0	0	42	65	n/a	2,107
Wheat	70.0	70	63	21		
Alfalfa Hay	4.0	0	48	200	n/a	1,844
Grass	3.0	150	36	150	790	2,458

\*\*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)	7	1,428	511
Corn (bean rotation)	442	72,488	32,266
Beans	442	0	18,561
Wheat	7	492	443
Alfalfa Hay	0	0	0
Grass	0	0	0
<b>Total</b>	<b>898</b>	<b>74,408</b>	<b>51,781</b>

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