

North Fork Pork, LLC
Supplemental Nutrients
Crop Year 2011

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
1A-Blue	38	Beans	60	0	0	0	0	0
1B-Blue	43.3	Beans	60	0	0	0	0	0
1C-Blue	41.2	Corn	200	200	0	0	0	0
1D-Blue	22.6	Corn	200	200	0	0	0	0
North Blue	38.5	Wheat	80	40	0	0	0	0
Bruenger	80	Beans	55	0	47	16	72	0
West Point Woolbrink	44.8	Beans	60	0	51	0	78	27
Home Place	84.2	Corn	200	200	0	0	56	0
Kurt's North	99.4	Wheat	80	40	0	0	0	0
Kurt's South	101.2	Beans	60	0	0	0	0	0
Miller 120	67.2	Beans	60	0	0	0	0	0
Geischler's North	46.4	Wheat	80	40	0	0	0	0
Geischler's South	11.8	Beans	55	0	0	0	0	0
Kurt's 80	57.8	Wheat	80	40	0	0	0	0
Hog Farm North	43.6	Beans	60	0	0	0	0	0
Hog Farm South	35.2	Beans	60	0	0	0	0	0
Woolbrink	133	Corn	200	200	0	0	0	0
Klinger	113.9	Corn	200	200	0	0	0	0
D II K - N	45.4	Beans	55	0	0	0	0	0
D II K - Center	10	Beans	55	0	0	0	0	0
D II K - S	49.9	Beans	55	0	47	0	72	12

Crop Year 2012

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
1A-Blue	38	Wheat	80	40	0	0	0	0
1B-Blue	43.3	Corn	180	176	0	0	0	0
1C-Blue	41.2	Beans	60	0	0	0	0	0
1D-Blue	22.6	Beans	60	0	0	0	0	0
North Blue	38.5	Corn	180	216	0	0	0	0
Bruenger	80	Wheat	80	40	72	16	24	0
West Point Woolbrink	44.8	Corn	200	200	86	0	56	27
Home Place	84.2	Beans	60	0	0	0	78	0
Kurt's North	99.4	Corn	180	216	0	0	0	0
Kurt's South	101.2	Corn	200	200	0	0	0	0
Miller 120	67.2	Corn	200	200	0	0	0	0
Geischler's North	46.4	Corn	170	204	0	0	0	0
Geischler's South	11.8	Corn	170	164	0	0	0	0
Kurt's 80	57.8	Corn	170	204	0	0	0	0
Hog Farm North	43.6	Wheat	80	40	0	0	0	0
Hog Farm South	35.2	Corn	180	176	0	0	0	0
Woolbrink	133	Beans	60	0	0	0	0	0
Klinger	113.9	Beans	60	0	0	0	0	0
D II K - N	45.4	Wheat	80	40	0	0	0	0
D II K - Center	10	Wheat	80	40	0	0	0	0
D II K - S	49.9	Wheat	80	40	72	0	24	12

Crop Year 2013

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
1A-Blue	38	Corn	180	216	0	0	0	0
1B-Blue	43.3	Beans	60		0	0	0	0
1C-Blue	41.2	Corn	200	200	0	0	0	0
1D-Blue	22.6	Corn	200	200	0	0	0	0
North Blue	38.5	Beans	60	0	0	0	0	0
Bruenger	80	Corn	170	204	73	16	48	0
West Point Woolbrink	44.8	Beans	60	0	51	0	78	27
Home Place	84.2	Corn	200	200	0	0	56	0
Kurt's North	99.4	Beans	0	0	0	0	0	0
Kurt's South	101.2	Beans	60	0	0	0	0	0
Miller 120	67.2	Beans	60	0	0	0	0	0
Geischler's North	46.4	Beans	55	0	0	0	0	0
Geischler's South	11.8	Beans	55	0	0	0	0	0
Kurt's 80	57.8	Beans	55	0	0	0	0	0
Hog Farm North	43.6	Corn	180	216	0	0	0	0
Hog Farm South	35.2	Beans	60	0	0	0	0	0
Woolbrink	133	Corn	200	200	0	0	0	0
Klinger	113.9	Corn	200	200	0	0	0	0
D II K - N	45.4	Corn	170	204	0	0	0	0
D II K - Center	10	Corn	170	204	0	0	0	0
D II K - S	49.9	Corn	170	204	73	0	48	12

Crop Year 2014

Recommended Supplemental Nutrients if No Manure is Applied

Field Name	Acres	Crop	Yield	lbs N/ac	lbs P2O5 for Maintenance	lbs P2O5 for Buildup *	lbs K2O for Maintenance	lbs K2O for Buildup **
1A-Blue	38	Beans	60	0	0	0	0	0
1B-Blue	43.3	Corn	180	176	0	0	0	0
1C-Blue	41.2	Beans	60	0	0	0	0	0
1D-Blue	22.6	Beans	60	0	0	0	0	0
North Blue	38.5	Wheat	80	40	0	0	0	0
Bruenger	80	Beans	55	0	47	16	72	0
West Point Woolbrink	44.8	Corn	200	200	86	0	56	27
Home Place	84.2	Beans	60	0	0	0	78	0
Kurt's North	99.4	Wheat	80	40	0	0	0	0
Kurt's South	101.2	Corn	200	200	0	0	0	0
Miller 120	67.2	Corn	200	200	0	0	0	0
Geischler's North	46.4	Wheat	80	40	0	0	0	0
Geischler's South	11.8	Corn	170	164	0	0	0	0
Kurt's 80	57.8	Wheat	80	40	0	0	0	0
Hog Farm North	43.6	Beans	60	0	0	0	0	0
Hog Farm South	35.2	Corn	180	176	0	0	0	0
Woolbrink	133	Beans	60	0	0	0	0	0
Klinger	113.9	Beans	60	0	0	0	0	0
D II K - N	45.4	Beans	55	0	0	0	0	0
D II K - Center	10	Beans	55	0	0	0	0	0
D II K - S	49.9	Beans	55	0	47	0	72	12

* Buildup is based on buildup applications applied over a 4 year period. So, buildup = (9(Desired soil test - Actual soil test))/4

** Buildup is based on buildup applications applied over a 4 year period. So, buildup = (4(Desired soil test - Actual soil test))/4

Projected Soil P & K Levels
North Fork Pork, LLC

Field Name	Acres	Current Soil Test		Change in Test		Projected Soil Test		Time to Reach 300 lbs/ac
		P	K	P	K	P	K	
1A-Blue	37.7			-17	-16			
1B-Blue	42.3			-12	4			
1C-Blue	40.8			-12	7			
1D-Blue	21.2			-11	10			
North Blue	38.5			-20	-2			
Bruenger	70.5	38	295	-17	-14	21	281	-63
West Point Woolbrink	44.8	59	233	-12	7	47	240	-80
Home Place	80.9	80	351	-12	7	68	358	-74
Kurt's North	99.4			-19	0			
Kurt's South	99.6			-12	7			
Miller 120	67.2			-12	6			
Geischler's North	46.4			-19	-2			
Geischler's South	11.8			-12	1			
Kurt's 80	48.1			-19	-1			
Hog Farm North	27			-17	-16			
Hog Farm South	31.6			-12	1			
Woolbrink	121.2			-11	10			
Klinger	113.9			-11	10			
D II K - N	42.8			-17	-14			
D II K - Center	10			-17	-14			
D II K - S	49.9	58	248	-17	-14	41	234	-58

Change in Soil Test = Crop uptake for 2007-2010 - Nutrients applied to field for 2007-2010 in manure

9 lbs P required to change soil test 1 lb

4 lbs K required to change soil test 1 lb

Projected levels are based on planned crop rotations and planned manure applications.