Cornell Nutrient Management Spear Program
Mass Nutrient Balance Calculator Input Sheet

N, P and K imports and exports, 1/1/2011 to 12/31/2011

Producer Contact Information		Data Collection	
Producer name		**By**	
Farm name		**Email**	
Address			
City, state, zip		**Balance year**	**2011**
Phone			
E-mail			

Farm Information		Watershed	
Total farm acres		**Primary**	
All tillable owned and rented crop and pasture acres		**Secondary**	
Legume acres (perennial and annual) >10% legume			
Acres receiving manure (crop and pasture)			

Have you completed a Cornell Dairy Farm Business Summary (DFBS) for the balance year?	**y / n**
Have you completed a Farm Credit Business Summary for the balance year?	**y / n**
Are you a Certified Organic producer?	**y / n**
Intensive Grazing (grazed at least 3 months/yr, moved to new pen every 3 days or more)?	**y / n**
Do you have a Comprehensive Nutrient Management Plan (CNMP) for the balance year?	**y / n**
Do you have a Cornell Cropware plan for the balance year?	**y / n**

Average number and weight of farm livestock	Animal Group	Number	Weight (lbs/head)	
	Milking and Dry Cows			
	Heifers > 1 year			
	Heifers 6 mon-1 year			
	Calves < 6 mon			
	Bulls & Steers			
	Other Livestock			

FARM CROP PRODUCTION:

Crop Name	% Legume	Acres	Manure Applied	CP (%DM)	P (%DM)	K (%DM)	Crop Type*	%DM	Yield (t/a)	Inventory (tons) Beginning year	Inventory (tons) Ending year
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								
			y/n								

* Crop type = "forage", "grain" or "bedding"

IMPORTS

Feeds (purchased)	Tons /year	% DM	CP (%DM)	P (%DM)	K (%DM)	Feed Type*	% forage (if TMR)	Inventory Beg. year (as fed tons)	Inventory Ending year (as fed tons)

* Feed type = "Grain", "Forage" or "TMR".

Purchased fertilizers	Tons/year	% N	% P_2O_5	% K_2O	Comment

Purchased animals	Type*	Description	Number	Weight/hd (lbs)

* Type = "Dairy", "Beef", "Swine", "Poultry", "Goats", "Sheep", "Horses"

Bedding and miscellaneous imports	Tons/year	% DM	N (%DM)	P (%DM)	K (%DM)

EXPORTS

Milk sold (lbs/year)	Milk Protein (%)

Animals Sold	Type*	Description	Number	Weight/hd (lbs)

* Type = "Dairy", "Beef", "Swine", "Poultry", "Goats", "Sheep", "Horses"

Crops Sold	Tons/year	%DM	CP (%DM)	P (%DM)	K (%DM)	Feed Type*	
							% forage
TMR							

* Feed type = "Grain", "Forage" or "TMR".

Manure, compost and other exports	Tons/year	% solids	N (% wet)	P (% wet)	K (% wet)