

Cornell Nutrient Management Spear Program Mass Nutrient Balance Calculator Input Sheet

N, P and K imports and exports, 1/1/2017 to 12/31/2017

Producer Contact Information		Data Collection	
Producer name		By	
Farm name		Email	
Address			
City, state, zip		Balance year	2017
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:

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

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

IMPORTS

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

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

Purchased fertilizers	Tons/year	% N	% P ₂ O ₅	% K ₂ O	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"

