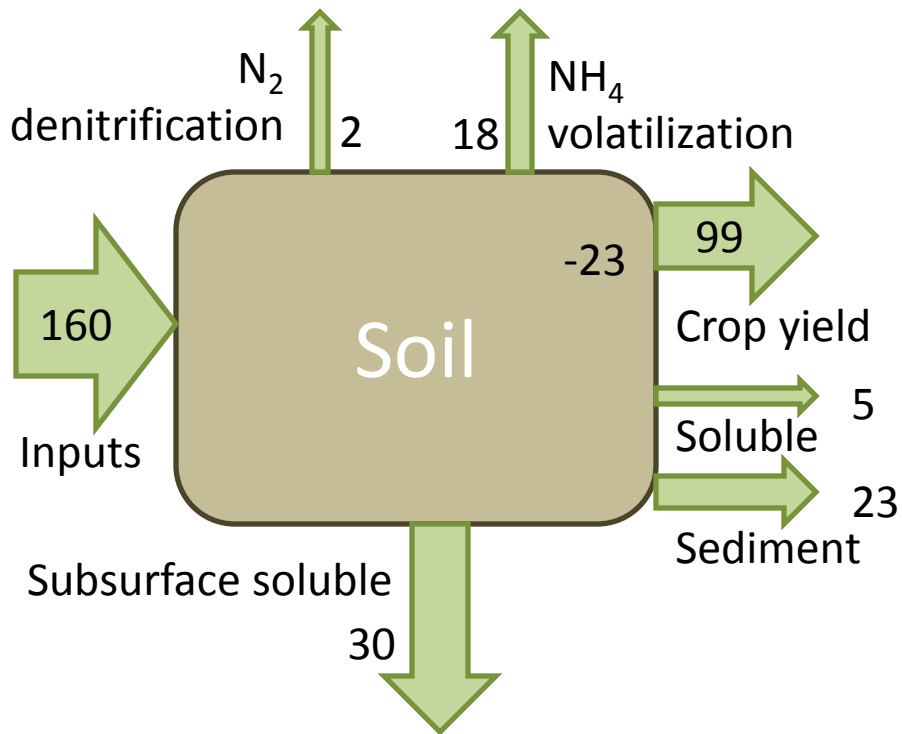


# Nitrogen Budget

Average annual pounds/acre  
Chesapeake Bay cultivated cropland

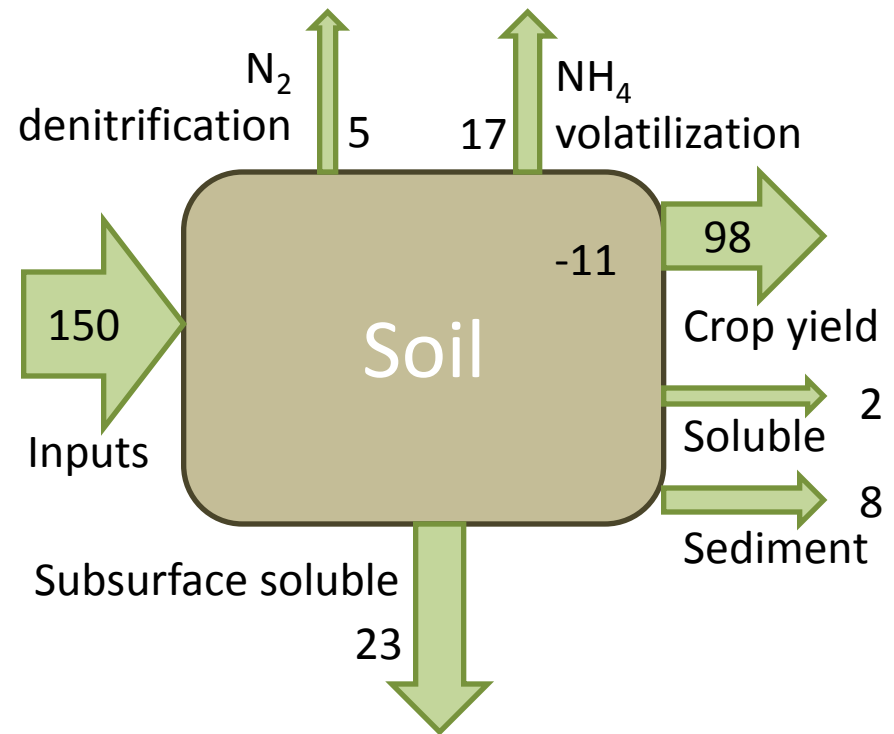
## No Practice



CEAP 2013 Report

7% unaccounted for

## 2011



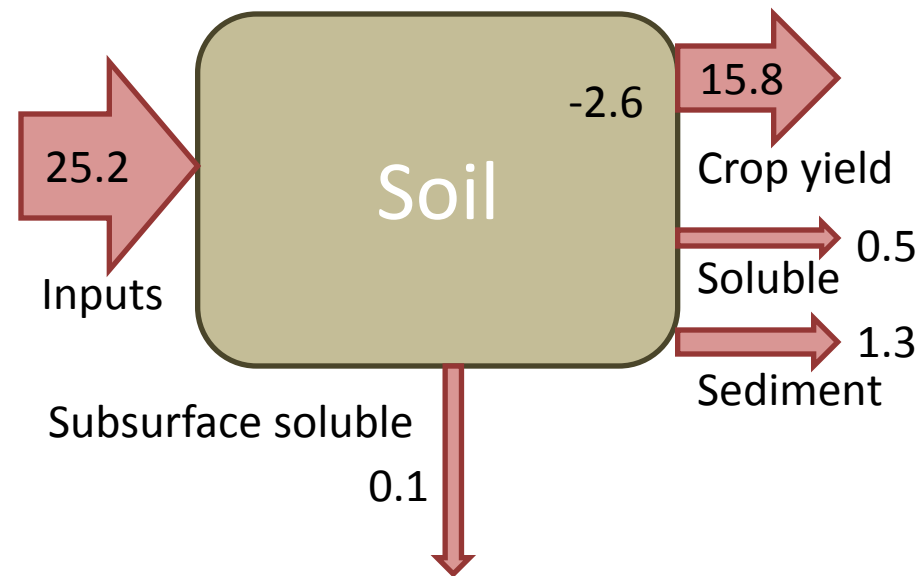
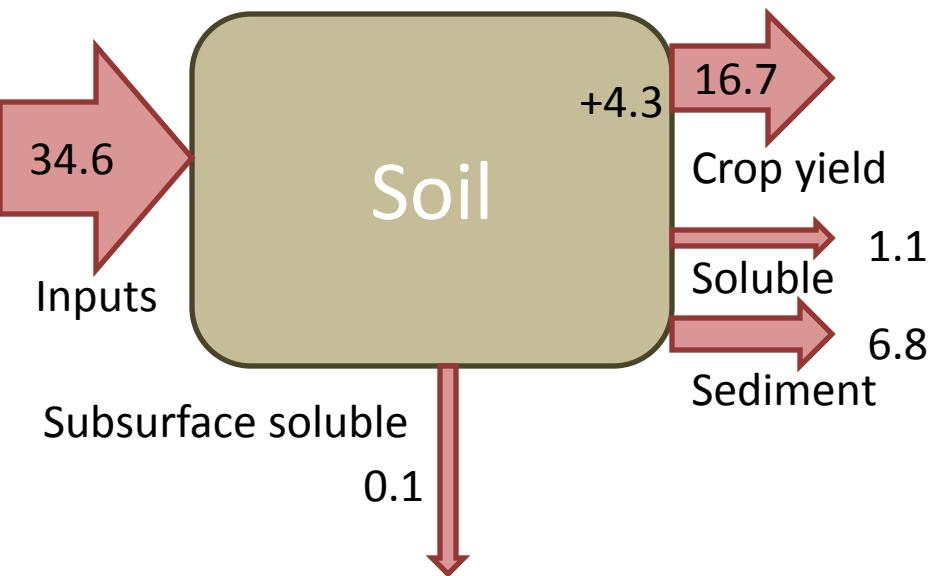
13% unaccounted for

# Phosphorus Budget

Average annual pounds/acre  
Chesapeake Bay cultivated cropland

No Practice

2011



CEAP 2013 Report

6% unaccounted for

5% unaccounted for

# Changes in Nitrogen Inputs/Outputs

Average per acre of cultivated cropland in CB watershed

	No practice to 2011	2006 to 2011
<b>Inputs</b>	-6%	11%
Fertilizer	-16%	9%
Biofixation	14%	15%
Manure	1%	13%
<b>Crop yield removed</b>	-1%	11%
<b>Losses to environment</b>	-30%	-7%
Volatilization	-5%	23%
Denitrification	172%	63%
Sediment erosion	-66%	-40%
Surface soluble	-57%	-13%
Subsurface flow	-25%	-12%

# Changes in Phosphorus Inputs/Outputs

Average per acre of cultivated cropland in CB watershed

	No practice to 2011	2006 to 2011
<b>Inputs</b>	-27%	6%
Fertilizer	-30%	5%
Manure	-2%	10%
<b>Crop yield removed</b>	-5%	7%
<b>Losses to environment</b>	-58%	-44%
Sediment erosion	-59%	-54%
Surface soluble	-55%	0%
Subsurface flow	-0%	-0%