

Low residue, strip till/no-till	Conservation Tillage	High Residue, Min Soil Disturbance
16-29% residue	30-59% residue	≥60% residue
Sediment Losses		
Low residue, strip till/no-till	Low Till/Mulch Till	High Residue, Min Soil Disturbance
Load Reduction Rel to High-Till -18%	Load Reduction Rel to High-Till -41%	Load Reduction Rel to High-Till -79%
Surface N Losses		
Low residue, strip till/no-till	Low Till/Mulch Till	High Residue, Min Soil Disturbance
Load Reduction Rel to High-Till Uplands -5% Coastal Plain -2%	Load Reduction Rel to High-Till Uplands -10% Coastal Plain -4%	Load Reduction Rel to High-Till Uplands -14% Coastal Plain -12%

Approved via unanimous panel vote, 8-29-16

HGM Region	Surface P Losses		
	Low residue, strip till/no-till	Conservation Tillage	High Residue, Min Soil Disturbance
	16-29% residue	30-59% residue	≥60% residue
	Load Reduction Rel to High-Till	Load Reduction Rel to High-Till	Load Reduction Rel to High-Till
Appalachian Plateau, Siliciclastic	-7%	-17%	-27%
Appalachian Plateau, Carbonate	-7%	-27%	-38%
Blue Ridge	-8%	-50%	-63%
Coastal Plain Disected Upland	-8%	-35%	-47%
Coastal Plain Lowland	-6%	-2%	-11%
Coastal Plain Upland	-7%	-16%	-26%
Mesozoil Lowland	-7%	-21%	-32%
Piedmont Carbonate	-9%	-60%	-74%
Piecmont Chrystalline	-9%	-58%	-71%
Valley and Ridge Carbonate	-9%	-57%	-71%
Valley and Ridge Siliciclastic	-8%	-49%	-62%