Phosphorus (P) BMPs	South Fork Zumbro River HUC 10 (01), % Adoption	South Branch Middle Fork HUC 10 (02), % Adoption	North Fork Zumbro River HUC 10 (04), % Adoption	Lower Zumbro River HUC 10 (05), % Adoption	Entire Zumbro River Watershed HUC 8 (0740004), % Adoption
Acres of Cropland	125,000	99,000	113,000	137,000	578,000
Target P205 rate	80%	80%	70%	80%	80%
Fall corn fertilization to pre-plant/starter		25%		50%	50%
Use reduced tillage on corn, soy, and small grains >2%	10%	25%	50%	80%	80%
Riparian Buffers, 50ft wide	100%	95%	100%	95%	95%
Perennial crop % of marginal corn and soybean land	50%	5%		50%	20%
Rye cover crop after soybeans &/or corn	6%	20%	10%	7%	10%
Short season crops planted to a rye cover crop	80%	50%	60%	80%	80%
Controlled Drainage		5%			20%
Alternative Tile Intakes	3%				20%
Inject/incorporate manure	50%	90%	30%	50%	50%
Cropland P load reduction with these adoption rates	15.7%	15.7%	15.0%	16.2%	17.2%
Treatment Cost/yr.	$1,390,000	$1,390,000	$1,010,000	$1,500,000	$4,150,000
P fertilizer cost savings from reduced inputs	$1,430,000	$690,000	$1,115,000	$1,330,000	$3,160,000
Net BMP Treatment Cost	$40,000	$700,000	$140,000	$170,000	$990,000

Nitrogen (N) BMPs	South Fork Zumbro River HUC 10 (01), % Adoption	South Branch Middle Fork HUC 10 (02), % Adoption	North Fork Zumbro River HUC 10 (04), % Adoption	Lower Zumbro River HUC 10 (05), % Adoption	Entire Zumbro River Watershed HUC 8 (0740004), % Adoption
Acres of Cropland	125,000	99,000	113,000	137,000	578,000
Corn acres receiving N rate, no inhibitor/shift	80%	80%	75%	90%	90%
Fall N target rate acres receiving N inhibitor	75%	80%	400%		90%
Fall N applications switched to Spring		20%		100%	50%
Fall N switch to Spring/side dressing	25%	40%			
Restored Wetlands		5%			
Tile line bioreactors	5%	5%	5%		20%
Controlled drainage		5%			
Saturated Buffers	2%	10%	5%		20%
Riparian Buffers, 100/2= 50ft wide [model adjmt.]	100%	100%	100%	96%	96%
Corn and soy acres w/ cereal rye cover crop	10%	20%	10%	10%	25%
Short season crops planted to a rye cover	80%	50%	60%	80%	80%
Perennial crop % of marginal corn bean acres	50%	5%		50%	20%
Cropland N load reduction with these adoption rates	19.7%	19.8%	23.4%	24.0%	19.4%
Treatment Cost/yr.	$1,440,000	$1,700,000	$1,360,000	$1,870,000	$5,960,000
N fertilizer cost savings from reduced inputs	$670,000	$290,000	$760,000	$1,110,000	$3,620,000
Net BMP Treatment Cost	$770,000	$1,400,000	$600,000	$760,000	$2,340,000