
Comparison between Ag & Forestry E3 Assumptions

- Differences between AgWG and FWG assumptions for forest and grass buffers (including amount and buffer width), tree planting, agroforestry
- Differences affect the acreages of ag forestry BMPs and the watershed-wide ag land use conversion associated with E3 (including other land use change ag BMPs), which AgWG agreed to cap at 15%.

Comparison of Agriculture & Forestry E3 Proposals

BMP	E3 Scenario Acres Credited (Watershed-Wide)	
	FWG Proposal	AgWG Proposal
Forest Buffers	80% of cropland within 30m of all unbuffered streams/rivers	70% of cropland within 20m of all unbuffered streams/rivers
	300,498 acres	175,299 acres
Forest Buffers (w fence)	80% of pasture within 30m of unbuffered streams/rivers	85% of pasture within 20m of all unbuffered streams/rivers
	114,128	80,845
Grass Buffers	20% of cropland within 30m of all unbuffered streams/rivers	30% of cropland within 20m of all unbuffered streams/rivers
	75,124	75,128
Grass Buffers (w fence)	20% of pasture within 30m of all unbuffered streams/rivers	15% of cropland within 20m of all unbuffered streams/rivers
	28,532	14,267
Tree Planting	3% of available ag land (excluding ag open space)	1% of available ag land (excluding ag open space)
	195,076	66,600
Agroforestry	10% of cropland/pasture	0%
	627,841	0
Total (excluding Agroforestry)	713,358 acres (9.3% of ag land)	412,139 acres (5.4% of ag land)

Comparison of Agriculture & Forestry E3 Proposals

BMP	E3 Scenario Acres Credited (Watershed-Wide)	
	FWG Proposal*	AgWG Proposal
Wetland Restoration	[matches AgWG proposal]	1% of available ag land uses, excluding ag open space
	143,606 acres	147,043 acres
Land Retirement to Open Space	[matches AgWG proposal]	Land retirement: combined 7% of available ag land uses
	495,094	506,945
Land Retirement to Pasture	[matches AgWG proposal]	Land retirement: combined 7% of available ag land uses
	255,686	261,165
Alternative Crops	[matches AgWG proposal]	1% of available row crop acres
	29,062	30,305
Sum (LUC BMPs excl. LRP, AF)	1,381,119	1,096,433
% LUC (excl. LRP, AF)	18.0%	14.3%

Additional Land Use Change BMPs that affect Ag land conversion rate

*Note the FWG did not make a specific proposal for these BMPs. These assumptions match the AgWG proposal