

# THE STREAMSIDE FOREST BUFFER



	← 20' →	← 60' →	← 15' →		← 15' →	← 60' →	← 20' →	
<b>CROPLAND</b>	<b>ZONE 3 RUNOFF CONTROL</b>	<b>ZONE 2 MANAGED FOREST</b>	<b>ZONE 1 UNDISTURBED FOREST</b>	<b>STREAMBOTTOM</b>	<b>ZONE 1 UNDISTURBED FOREST</b>	<b>ZONE 2 MANAGED FOREST</b>	<b>ZONE 3 RUNOFF CONTROL</b>	<b>PASTURE</b>
Sediment, fertilizer and pesticides are carefully managed.	Concentrated flows are converted to dispersed flows by water bars or spreaders, facilitating ground contact and infiltration.	Filtration, deposition, plant uptake, anaerobic denitrification and other natural processes remove sediment and nutrients from runoff and subsurface flows.	Maturing trees provide detritus to the stream and help maintain lower water temperature vital to fish habitat.	Debris dams hold detritus for processing by aquatic fauna and provide cover and cooling shade for fish and other stream dwellers.	Tree removal is generally not permitted in this zone.	Periodic harvesting is necessary in Zone 2 to remove nutrients sequestered in tree stems and branches and to maintain nutrient uptake through vigorous tree growth.	Controlled grazing or haying can be permitted in Zone 3 under certain conditions.	Watering facilities and livestock are kept out of the Riparian Zone insofar as practicable.