

Weyerhaeuser Edson Grazing Disposition AAC

The final, aspatial Woodstock models that were used to develop the spatial harvest sequence and the PFMS, were used to determine the grazing disposition AAC levels. New outputs were created to report on grazing area deciduous and coniferous harvest levels, and total deciduous and total conifer AAC for each FMU. No other changes were made to the FMU models.

Harvest levels within grazing areas fluctuate considerably from period to period. In order to accurately calculate harvest in grazing areas as a percentage of the AAC, the average harvest in grazing areas for the 32 period planning horizon calculated to represent grazing area AAC (Table 1).

With the exception of W6, the Gross AAC for each FMU was calculated as the sustainable, even-flow harvest levels starting in period two. Period one was excluded be it includes carryover volume.

W6 has a coniferous surge cut for the first five periods and a carry over volume for deciduous and conifer in the first period. A large portion of the harvest within grazing areas occurs in the first period, and using the sustainable harvest level after the surge as the AAC for the entire FMU would give too much weighting to the grazing area harvest during that time. Instead, for W6 the AAC was calculated as the average annual harvest level for 32 periods.

At the FMA level, the grazing disposition AAC is 4.1% of the total for coniferous and 10.6% for deciduous (Table 2).

Table 1. Harvest levels within grazing areas for the FMUs in Weyerhaeuser Edson FMA

	E1		E2		W5		W6	
	Conifer	Deciduous	Conifer	Deciduous	Conifer	Deciduous	Conifer	Deciduous
Mean Gross AAC Grazing	76	97	7,959	16,108	6,538	18,309	1,868	4,738
Gross AAC*	94,852	43,863	83,082	104,997	33,589	56,801	186,617	164,746
% AAC on grazing areas	0.1%	0.2%	9.6%	15.3%	19.5%	32.2%	1.0%	2.9%

Table 2. Grazing area harvest levels for the Weyerhaeuser Edson FMA

	Conifer	Deciduous	Total
Mean Gross AAC Grazing	16,441	39,251	55,692
Gross AAC	398,140	370,407	768,547
% AAC on grazing areas	4.1%	10.6%	7.2%