

Indiana FY11 State Resource Assessment - Resource Concerns x Land Uses Analyzed

Resource Concern x Land Use Combinations analyzed in this effort are marked "x". Other combinations were not analyzed due to insufficient data or relative lower priority.

RESOURCE CONCERN	SOIL EROSION	Crop	Pasture	Forest	Other*
Description of Concern	<i>Sheet, rill, & wind erosion</i>	x			
	<i>Concentrated flow erosion</i>		x	x	x
	<i>Excessive bank erosion from streams, shorelines, or water conveyance channels</i>				
RESOURCE CONCERN	SOIL QUALITY DEGRADATION	Crop	Pasture	Forest	Other*
Description of Concern	<i>Subsidence</i>	x	x	x	x
	<i>Compaction</i>	x			
	<i>Organic Matter Depletion</i>	x			
	<i>Concentration of Salts or other chemicals</i>				
RESOURCE CONCERN	EXCESS/INSUFFICIENT WATER	Crop	Pasture	Forest	Other*
Description of Concern	<i>Ponding, flooding, seasonal high water table, seeps, and drifted snow</i>	x	x	x	x
	<i>Inefficient moisture management</i>				
	<i>Inefficient Use of Irrigation Water</i>				
RESOURCE CONCERN	WATER QUALITY DEGRADATION	Crop	Pasture	Forest	Other*
Description of Concern	<i>Excess nutrients in surface and ground waters</i>	x	x		
	<i>Pesticides transported to surface and ground waters</i>				
	<i>Excess pathogens and chemicals from manure, bio-solids or compost applications</i>				
	<i>Excessive salts in surface and ground waters</i>				
	<i>Petroleum, heavy metals and other pollutants transported to receiving water sources</i>				
	<i>Excessive sediment in surface waters</i>	x	x	x	x
	<i>Elevated water temperature</i>				
RESOURCE CONCERN	AIR QUALITY	Crop	Pasture	Forest	Other*
Description of Concern	<i>Emissions of particulate matter (PM) & PM precursors</i>				
	<i>Emissions of greenhouse gases(GHGs)</i>				
	<i>Emissions of ozone precursors</i>				
	<i>Objectionable odors</i>	x	x		x

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RESOURCE CONCERN	DEGRADED PLANT CONDITION	Crop	Pasture	Forest	Other*
Description of Concern	<i>Undesirable plant productivity and health</i>			x	
	<i>Inadequate structure and composition</i>			x	
	<i>Excessive plant pest pressure</i>	x	x	x	x
	<i>Wildfire hazard, excessive biomass accumulation</i>				
RESOURCE CONCERN	INADEQUATE HABITAT FOR FISH AND WILDLIFE	Crop	Pasture	Forest	Other*
Description of Concern	<i>Habitat degradation</i>	x	x	x	x
RESOURCE CONCERN	LIVESTOCK PRODUCTION LIMITATION	Crop	Pasture	Forest	Other*
Description of Concern	<i>Inadequate feed and forage</i>		x		
	<i>Inadequate livestock shelter</i>				
	<i>Inadequate livestock water</i>				
RESOURCE CONCERN	INEFFICIENT ENERGY USE	Crop	Pasture	Forest	Other*
Description of Concern	<i>Equipment and facilities</i>				x
	<i>Farming/ranching practices and field operations</i>	x			

*Other land use includes headquarters, field edges, incidental areas, and other