

Field Risk Assessment and Land Treatment Plan (BMP's)

Producer: HILL CREST DAIRY, LLC
Project #: 2384006.01

Fields for application of manure		Regulation or Standard	Inwood North 1	Inwood North 2	Inwood North 3	Inwood North 3	Inwood North 4	Inwood North 5	Inwood North 6	Inwood North 7	Inwood North 8	Inwood North 10	Inwood North 11	Inwood North 2	Inwood South 1	Inwood South 2	Inwood South 2	Inwood South 3	Inwood South 4	Inwood South 5	Inwood Farms	Inwood Farms	Inwood Farms	Inwood Farms	Inwood Farms	Inwood South 1S	Inwood South 1SB	Inwood South 2S	Inwood South 3S	Inwood South 4S	Inwood South 4SB	Inwood South 5S	Inwood South 6S	Inwood South 7SB	Inwood South 7SN	Inwood South 7SC	Zeller's Crest	Zeller's Crest	Zeller's Crest	65 Acres	65 Acres	65 Acres	65 Acres	65 Acres		
Field name			T4185-1B	T4185-1A	T4185-2	T4185-3	T4185-4	T4185-5	T4185-6	T4185-7	T4185-8	T4185-10	T4185-11	T4186-2	T4187-1E	T4187-1W	T4187-2	T4187-3	T4187-4	T4187-5	T4271-1	T4271-2	T4271-3	T4271-4	T4271-5	T4660-1A	T4660-1B	T4660-2	T4660-3	T4660-4A	T4660-4B	T4660-5	T4660-6	T4660-7B	T4660-7N	T4660-7C	T1815-1	T1815-2	T1815-3	T4188-1	T4188-2	T4188-3	T4659-2	T4659-4		
Systematic Subsurface drainage (tile) system? (Y/N)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Predominant soil(s) types			872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	36B	36B	36B	36B	36B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	872B	279B	279B	279B	43	43	43	872B	872B		
Nitrogen Risk Assessment (NRCS 590 and 633)																																														
Use the nitrogen risk assessment worksheets to determine low, medium, or high for each field.	Fall Application		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H			
	Spring Application		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
Phosphorus Risk Assessment (NRCS 590 and 633)																																														
Use the phosphorus risk assessment worksheets to determine low, medium, or high for each field.	Soil erosion (RUSLE-2)		L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L		
	Connectivity to water		L	L	L	L	H	H	H	L	L	L	H	L	H	H	H	M	M	H	H	L	L	L	L	L	H	H	H	H	H	H	L	L	L	L	H	H	H	M	M	M	H	H		
	Runoff potential		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
	Soil test phosphorus		M	M	L	L	L	L	L	M	L	L	L	M	L	L	M	L	M	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
	Phosphorus inputs		L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
For the following conservation practices check those that apply to each field.(BMP's)																																														
Conservation Cover	NRCS Code 327																																													
Conservation crop rotation	NRCS Code 328		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Contour buffer strips	NRCS Code 332																																													
Contour strip cropping	NRCS Code 585																																													
Contour Farming	NRCS Code 330																																													
Cover crop	NRCS Code 340																																													
Dike	NRCS Code 356																																													
Field Border	NRCS Code 386																																													
Filter strip	NRCS Code 393																																													
Grassed waterway	NRCS Code 412		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Irrigation water management	NRCS Code 449																																													
Residue management No Till/Strip Till	NRCS Code 329A																																													
Residue management Mulch Till	NRCS Code 329B																																													
Residue management Ridge Till	NRCS Code 329C																																													
Riparian forest buffer	NRCS Code 391																																													
Terrace	NRCS Code 600																																													
Subsurface Drain	NRCS Code 606		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Vertical Drain	NRCS Code 630																																													
Water and Sediment Control Basin	NRCS Code 638																																													
Injection			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Incorporation with in 24 hours			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

Legend:
Conservation Practices: P = Planned A = Applied
See Illinois Nitrogen and Phosphorus Risk Assessment Matrix for Evaluation Criteria H = High. M = medium. L = Low.
Systematic Drainage Tile System Y = Yes N = No.