

Michigan Phosphorus Risk Assessment Application Spreadsheet Adapted for Michigan CAFO General Permit						
Transport	0	1	2	4	8	Select Column
Water Erosion (RUSLE2) Single Year	< 1 ton/acre-yr	1 -2 tons/acre-yr	2.1 - 4 tons/acre-yr	4.1 - 6 tons/acre-yr	> 6 tons/acre-yr	0
RCN	< 75	75 -78	79 - 82	83 -86	> 86	0
Distance to surface water and/or surface inlet	> 300 feet	150 - 300 feet	100 - 149 feet	50 - 99 feet	< 50 feet	0
Subsurface drainage	no subsurface drainage		random subsurface drainage present	patterned subsurface drainage present	random or patterned subsurface drainage present with broken and/or tile blowouts	0
Buffers	buffer is permanent vegetation > 35 feet width from surface water and/or tile inlets, or > 300 feet from surface water and/or surface inlets	buffer is permanent vegetaion 26 - 35 feet width from surface water and/or surface inlets	buffer is permanent vegetaion 20 - 25 feet width from surface water and/or surface inlets	buffer is permanent vegetaion < 20 feet width from surface water and/or surface inlets	no vegetative buffer from surface water and/or surface inlets	0
					Transport total	0
Source	0	1	2	4	8	Select column
Soil Test P	< 20 ppm	20 - 40 ppm	41 - 74 ppm	75 - 149 ppm	≥ 150 ppm* (Not Permitted)	0
P fertilizer method	no P fertilizer added	P fertilizer injected or surface applied and incorporated < 2 days before planting	P fertilizer surface applied and incorporated 3 - 7 days before planting	P fertilizer surface applied and incorporated 8 - 15 days before planting	P fertilizer surface applied or incorporated > 15 days before planting, or no incorporation	0
Manure method (for no till, cover crops, and irrigation, refer to the MPRA Guidance Document)	no manure applied	inject or incorporate manure within 2 days of application	incorporate manure 3 - 7 days after application, or surface applied on a growing crop	incorporate manure 8 - 30 days after application (Not Permitted)	incorporate manure > 30 days after application, or no incorporation	0
P₂O₅ rate all sources	no P ₂ O ₅ application (crop is harvested)	1 - 2 year P ₂ O ₅ crop removal application	3 year P ₂ O ₅ crop removal application ***	4 year P ₂ O ₅ crop removal application ***	> 4 year P ₂ O ₅ crop removal application ** (Not Permitted)	0
					Source total	0
					MPRA Total	0
					≤ 11 is Low; 12-17 is Medium; ≥ 18 is High (Not Permitted)	