

Alabama Phosphorus Index Worksheet

Name:		Tract #:	
Farm #:		Date:	

	Field Feature & Management Practices Criteria & Ratings	Field #: ____	Acres: ____
--	--	---------------	-------------

Field Features & Management Practices		current	Planned
--	--	---------	---------

Source Characteristics

	Very Low / Low	Medium	High	Very High	Extremely High		
1. Soil Test P Value	0	1	2	4	8		
2. P Application Rate (lbs. P ₂ O ₅ /ac/year)	None applied 0	< 60 lbs. 3	60-120 lbs. 6	120-180 lbs. 12	>180 lbs. 24		
3. Nutrient Application Method	None applied 0	Injected deeper than 2" 3	Incorporated immediately or sprinkler applied 6	Surface applied & incorporated < 30 days 12	Surface applied, not incorporated 24		
4. Grazing Animals	None 0	No access to water &/or not fed in sensitive area 1	Restricted access to water &/or not fed in sensitive area 2	Unlimited access to water & / or fed in sensitive area <100 Animals 4	Unlimited access to water & / or fed in sensitive area >100 Animals 8		

Transport Characteristics

5. Underground Outlet Systems	None 0	Outlets empty onto at least 30 ft of grass filter strip 3	Outlets empty into grass waterways 6	<30% of field has outlets emptying into drainageways 12	>30% of field has outlets emptying into drainageways 24		
6. Erosion Rate (tons/ac/yr)	< 3 tons 0	3-5 tons 3	5-10 tons 6	10-15 tons 12	> 15 tons 24		
7. Hydrologic Soil Group	-- 0	A 3	B 6	C 12	D 24		
8. Field Slope (%)	< 1% 0	1- 3% 1	3-5% 2	5-8% 4	> 8% 8		
9. P Application Distance to Water (ft)	>400 ft 0	200- 400 ft. 3	100-200 ft. 6	50-100 ft. 12	< 50 ft. 24		
10. Filter Strip Width (ft)	≥ 50 ft. 0	30-49 ft. 2	20-29 ft. 4	10-19 ft. 8	< 10 ft. 16		

Receiving Water Categories

11. Impaired or Outstanding Waters (ft)	Field not in Watershed 0	>400 ft 3	200–400 ft 6	100-200 ft 12	<100 ft 24		
---	------------------------------------	---------------------	------------------------	-------------------------	----------------------	--	--

FIELD TOTAL		
--------------------	--	--

Alabama P Index Worksheet (continued)

Name:		Tract #:	
Farm #:		Date:	

	Field Feature & Management Practice Ratings							
	Field # _____ # Acres _____		Field # _____ # Acres _____		Field # _____ # Acres _____		Field # _____ # Acres _____	
FIELD FEATURES	Current	Planned	Current	Planned	Current	Planned	Current	Planned
1. Soil Test P								
2. P Application Rate (lbs. P ₂ O ₅ /ac/yr.)								
3. Nutrient Application Method								
4. Grazing Animals								
5. Underground Outlet Systems								
6. Erosion Rate (tons/ac/yr.)								
7. Hydrologic Soil Group								
8. Field Slope (%)								
9. P Application Distance to Water (ft.)								
10. Filter Strip Width (ft.)								
11. Impaired or Outstanding Waters								
FIELD TOTALS								

Point Total	Potential for P Movement
< 65	VERY LOW / LOW potential for P movement from the field. There is a low probability of an adverse impact to waterbodies.
66 to 75	MEDIUM potential for P movement from the field. The chance of organic material and nutrients getting into waterbodies exists. Buffers, setbacks, lower manure rates, cover crops, and crop residue practices alone or in combination may reduce impact.
76 to 85	HIGH potential for P movement from the field. The chance of organic material and nutrients getting to waterbodies is likely. Buffers, setbacks lower manure rates, cover crops, crop residues, etc. in combination may reduce impact.
86 to 95	VERY HIGH potential for P movement from the field and an adverse impact on waterbodies.
> 96	EXTREMELY HIGH potential for P movement from the field and have an adverse impact on waterbodies.

Prepared by: _____