TABLE 4. PHOSPHORUS INDEX RATING FOR ARIZONA: WEIGHTING FACTOR CHART

Phosphorus Index Rating for Arizona							
Weighting Factor Times the Column Factor							
	Wt.	None or					
Site Characteristic	Factor	Very Low	Low	Medium	High	Very High	
		0	1	2	4	8	
		Very Low <8	Low	Moderate	High	Very High	
Soil Test P Level	1	ppm	8-15 ppm	15-23 ppm	23-30 ppm	>30 ppm	
		0	1	2	4	8	
Phosphorus (P ₂ O ₅)		None	1-30 lbs/ac	30-90 lbs/ac	90-150 lbs/ac P ₂ O ₅	>150 lbs/ac	
Application Rate	1	Applied	P ₂ O ₅	P ₂ O ₅		P ₂ O ₅	
		0	1	2	4	8	
Organic		None Applied	Injected 3-6 inch below	Incorporated Immediately	Incorporated >3 Months Before	Surface Applied	
Phosphorus		Applied	surface	before Planting	Planting or Surface	Applied	
Source Application Method	1		Suriace	before i faithing	Applied <3 Months		
					before Planting		
		0	1	2	4	8	
		None	Placed with	Incorporated	Incorporated >3	Surface	
Phosphorus		Applied	Planter Deeper	Immediately	Months Before	Applied	
Fertilizer	1		than 2 in.	before Planting	Planting or Surface		
Application Method	_				Applied <3 Months		
Application metrica		0	1	2	before Planting	8	
Proximity of Nearest		Very Low	Low	Medium	High	Very High	
Field Edge to Named	1.5	>1000 feet	500-1000 feet	200-500 feet	30-200 feet	<30 feet	
Stream or Lake	1.5	0					
		U	1.5	3	6	12	
Soil Fresion		_			· ·		
Soil Erosion	15	Very Low <1 t/ac	1.5 Low 1-3 t/ac	3 Medium 3-5 t/ac	6 High 5-15 t/ac	12 Very High >15 t/ac	
Soil Erosion (WEQ & RUSLE)	1.5	Very Low <1 t/ac	Low	Medium	High	Very High >15 t/ac	
	1.5	Very Low <1 t/ac 0 Negligible &	Low 1-3 t/ac	Medium 3-5 t/ac	High 5-15 t/ac	Very High >15 t/ac	
(WEQ & RUSLE)	1.5	Very Low <1 t/ac 0 Negligible & Very Low	Low 1-3 t/ac 1 Low	Medium 3-5 t/ac 2 Medium	High 5-15 t/ac 4 High	Very High >15 t/ac 8 Very High	
(WEQ & RUSLE) Runoff Class		Very Low <1 t/ac 0 Negligible & Very Low 0	Low 1-3 t/ac 1 Low 1.5	Medium 3-5 t/ac 2 Medium 3	High 5-15 t/ac 4 High	Very High >15 t/ac 8 Very High	
(WEQ & RUSLE) Runoff Class		Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated	Low 1-3 t/ac 1 Low 1.5 Tailwater	Medium 3-5 t/ac 2 Medium 3 QS>10 for	High 5-15 t/ac 4 High 6 QS>10 for erodible	Very High >15 t/ac 8 Very High 12 QS>6 for very	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2)	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant	High 5-15 t/ac 4 High	Very High >15 t/ac 8 Very High	
(WEQ & RUSLE) Runoff Class		Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very	Medium 3-5 t/ac 2 Medium 3 QS>10 for	High 5-15 t/ac 4 High 6 QS>10 for erodible	Very High >15 t/ac 8 Very High 12 QS>6 for very	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2)	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant	High 5-15 t/ac 4 High 6 QS>10 for erodible	Very High >15 t/ac 8 Very High 12 QS>6 for very	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2)	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant	High 5-15 t/ac 4 High 6 QS>10 for erodible	Very High >15 t/ac 8 Very High 12 QS>6 for very	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2)	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant	High 5-15 t/ac 4 High 6 QS>10 for erodible	Very High >15 t/ac 8 Very High 12 QS>6 for very	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2)	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils	High 5-15 t/ac 4 High 6 QS>10 for erodible soils	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2) Irrigation Erosion	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils 1.5	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils 3 Pasture <30% Dry Matter as	High 5-15 t/ac 4 High 6 QS>10 for erodible soils 6 Pasture 30 to 80% Dry Matter as	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils 12 Pasture 80 to 100% Dry	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2) Irrigation Erosion Grazing	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils 1.5 Only Graze	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils 3 Pasture <30%	High 5-15 t/ac 4 High 6 QS>10 for erodible soils 6 Pasture 30 to 80% Dry	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils 12 Pasture 80 to 100% Dry Matter as	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2) Irrigation Erosion	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation 0 Not Grazed	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils 1.5 Only Graze Crop Residues	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils 3 Pasture <30% Dry Matter as	High 5-15 t/ac 4 High 6 QS>10 for erodible soils 6 Pasture 30 to 80% Dry Matter as Supplemental Feed	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils 12 Pasture 80 to 100% Dry Matter as Supp. Feed	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2) Irrigation Erosion Grazing Management	1.5 1.5 0.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation 0 Not Grazed	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils 1.5 Only Graze Crop Residues	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils 3 Pasture <30% Dry Matter as Supp. Feed	High 5-15 t/ac 4 High 6 QS>10 for erodible soils 6 Pasture 30 to 80% Dry Matter as Supplemental Feed	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils 12 Pasture 80 to 100% Dry Matter as Supp. Feed 4	
(WEQ & RUSLE) Runoff Class (Runoff Class Table 2) Irrigation Erosion Grazing	1.5	Very Low <1 t/ac 0 Negligible & Very Low 0 Not Irrigated or No Furrow Irrigation 0 Not Grazed	Low 1-3 t/ac 1 Low 1.5 Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils 1.5 Only Graze Crop Residues	Medium 3-5 t/ac 2 Medium 3 QS>10 for erosion resistant soils 3 Pasture <30% Dry Matter as	High 5-15 t/ac 4 High 6 QS>10 for erodible soils 6 Pasture 30 to 80% Dry Matter as Supplemental Feed	Very High >15 t/ac 8 Very High 12 QS>6 for very erodible soils 12 Pasture 80 to 100% Dry Matter as Supp. Feed	

Phosphorus Index Classification					
Index Pts.	P Hazard Class	P Application Classification			
0-10	Very Low	N Based			
10-17	Low	N Based			
17-27	Medium	N Based			
27-37	High	P Based (1.5 x crop removal)			
37-47	Very High	P Based (at crop removal)			
>47	Excessive	No P application allowed			