

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

Phosphorus Index Rating for Arizona						
Weighting Factor Times the Column Factor						
Site Characteristic	Wt. Factor	None or Very Low	Low	Medium	High	Very High
		0	1	2	4	8
Soil Test P Level	1	Very Low <8 ppm	Low 8-15 ppm	Moderate 15-23 ppm	High 23-30 ppm	Very High >30 ppm
		0	1	2	4	8
Phosphorus (P₂O₅) Application Rate	1	None Applied	1-30 lbs/ac P ₂ O ₅	30-90 lbs/ac P ₂ O ₅	90-150 lbs/ac P ₂ O ₅	>150 lbs/ac P ₂ O ₅
		0	1	2	4	8
Organic Phosphorus Source Application Method	1	None Applied	Injected 3-6 inch below surface	Incorporated Immediately before Planting	Incorporated >3 Months Before Planting or Surface Applied <3 Months before Planting	Surface Applied
		0	1	2	4	8
Phosphorus Fertilizer Application Method	1	None Applied	Placed with Planter Deeper than 2 in.	Incorporated Immediately before Planting	Incorporated >3 Months Before Planting or Surface Applied <3 Months before Planting	Surface Applied
		0	1	2	4	8
Proximity of Nearest Field Edge to Named Stream or Lake	1.5	Very Low >1000 feet	Low 500-1000 feet	Medium 200-500 feet	High 30-200 feet	Very High <30 feet
		0	1.5	3	6	12
Soil Erosion (WEQ & RUSLE)	1.5	Very Low <1 t/ac	Low 1-3 t/ac	Medium 3-5 t/ac	High 5-15 t/ac	Very High >15 t/ac
		0	1	2	4	8
Runoff Class (Runoff Class Table 2)	1.5	Negligible & Very Low	Low	Medium	High	Very High
		0	1.5	3	6	12
Irrigation Erosion	1.5	Not Irrigated or No Furrow Irrigation	Tailwater Recover or QS<6 for very erodible soils or QS<10 for other soils	QS>10 for erosion resistant soils	QS>10 for erodible soils	QS>6 for very erodible soils
		0	1.5	3	6	12
Grazing Management	0.5	Not Grazed	Only Graze Crop Residues	Pasture <30% Dry Matter as Supp. Feed	Pasture 30 to 80% Dry Matter as Supplemental Feed	Pasture 80 to 100% Dry Matter as Supp. Feed
		0	0.5	1	2	4
Vegetative Buffer	1.5	>100 ft wide	65-100 ft wide	20-65 ft wide	<20 ft wide	No Buffer
		0	1.5	3	6	12

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