

**TABLE 1. PHOSPHORUS INDEX WORKSHEET FOR ARIZONA**

| PHOSPHORUS INDEX WORKSHEET for Arizona                       |   |  |  |  |  |                 |  |
|--|---|--|--|--|--|-----------------|--|
| Client Name:   |   |  | Field(s):                                    |  |  | Date:           |  |
| Planner:   |   |  | Location:                                    |  |  | Crop:           |  |
| Permeability (in/hr):  |   |  | Slope (%):                                   |  |  | Planned/Exist.: |  |
| Site Characteristic  | Place an X in the appropriate box for each of the Site Characteristic listed below. |  |  |  |  | Sub Total       |  |
| Soil Test P Level  | Very Low <8 ppm   | Low 8-15 ppm   | Moderate 15-23 ppm                           | High 23-30 ppm   | Very High >30 ppm                                  |                 |  |
| Phosphorus (P <sub>2</sub> O <sub>5</sub> ) Application Rate | None Applied  | 1-30 lbs/ac P <sub>2</sub> O <sub>5</sub>                                      | 30-90 lbs/ac P <sub>2</sub> O <sub>5</sub>   | 90-150 lbs/ac P <sub>2</sub> O <sub>5</sub>                              | >150 lbs/ac P <sub>2</sub> O <sub>5</sub>          |                 |  |
| Organic Phosphorus Source Application Method                 | None Applied  | Placed with Planter Deeper than 2 in.  | Incorporated Immediately before Planting     | Incorp. >3 Mo. Before Planting or Surface Applied <3 Mo. before Planting | Surface Applied >3 Months Before Planting          |                 |  |
| Phosphorus Fertilizer Application Method                     | None Applied  | Placed with Planter Deeper than 2 in.  | Incorporated Immediately before Planting     | Incorp. >3 Mo. Before Planting or Surface Applied <3 Mo. before Planting | Surface Applied >3 Months Before Planting          |                 |  |
| Proximity of Nearest Field Edge to Named Stream or Lake      | Very Low >1000 feet   | Low 500-1000 feet  | Medium 200-500 feet                          | High 30-200 feet   | Very High <30 feet                                 |                 |  |
| Soil Erosion (WEQ & RUSLE)                                   | 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                                 |                 |  |
| Runoff Class (Runoff Class Table 2)                          | Very Low  | Low  | Medium                                       | High   | Very High  |                 |  |
| Irrigation Erosion (furrow)                                  | Not Irrigated or No Furrow Irrigation   | Tailwater Recover or QS<6 for very erodible soils or QS<10 for resistant soils | QS>10 for erosion resistant soils            | QS>10 for erodible soils   | QS>6 for very erodible soils                       |                 |  |
| Grazing Management   | Not Grazed  | Graze Crop Residues  | Pasture <30% Dry Matter as Supplemental Feed | Pasture 30 to 80% Dry Matter as Supplemental Feed                        | Pasture 80 to 100% Dry Matter as Supplemental Feed |                 |  |
| Vegetative Buffers   | >100 ft wide  | 65-100 ft wide   | 20-65 ft wide                                | <20 ft wide  | No buffer  |                 |  |
| P Hazard Class:  |   |  |  | Total Index Points:  |  |                 |  |
| Phosphorus Application Classification:                       |   |  |  |  |  |                 |  |

| Phosphorus Index Classification |              |                              |
|---------------------------------|--------------|------------------------------|
| Index Pts.                      | P Haz. 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     |