

AGF-0515

Pounds of Fertilizer to Apply per Acre to Meet Phosphorus, Potassium, and Additional Nutrient Applications

AGF-0515-Table 3

Table 3. Pounds of Fertilizer to Apply per Acre to Meet Phosphorus, Potassium, and Additional Nutrient Applications				
Nutrient	Nutrient Recommendation (lb/acre)	Fertilizer Source	Amount of Fertilizer to Apply (lb/acre)¹	Other Nutrients Added²
P ₂ O ₅	55	11-52-0	106	12 lb N/acre
K ₂ O	85	0-0-60	142	—
¹ Amount of fertilizer to apply = (nutrient recommendation) ÷ (fertilizer analysis/100). For phosphorus in this example, 55 ÷ 0.52 = 106, which means 106 lb. of 11-52-0 needs to be applied to meet the phosphorus requirement of 55 lb. of P ₂ O ₅ /acre.				
² Other nutrients added = (pounds of fertilizer/acre) x (fertilizer analysis/100). When 11-52-0 is applied, nitrogen is also applied. When 106 lb./acre of 11-52-0 is applied, 12 lb. N/acre is applied (i.e., 106 x 0.11 = 12).				