

# Appendices

## Appendix A. Fertilizer Blend Worksheet: sample for N-K or P-K blend

1. List materials on hand and grades.

Ingredient	Grade

2. Determine nutrient requirement (or desired ratio or grade). \_\_\_\_\_

3. Calculate ingredient required for each nutrient. Repeat for each nutrient.

Nutrient requirement ÷ proportion of nutrient = ingredient amount

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

4. Add weights of materials and calculate nutrients provided.

Material	Weight	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
<b>Total</b>				

The total weight of the blend at this point is the application rate. The units will be the same as the initial nutrient requirements.

5. Calculate the total amount of fertilizer required.

Application rate x size of field = total weight of fertilizer

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

6. Adjust material weights to give formula in kilograms per tonne.

Divide the weights of the individual materials by the total weight and multiplying by 1,000.

Material	Weight	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
<b>Total</b>				
Grade (divide total NPK by 10)				