

NUTRIENT BUDGETING

For N¹:

Apply up to the crop requirement. This can be obtained from the figures listed in the web site in Appendix 4.

For P₂O₅¹:

	Years 2 through 5	Year 2 ²
Soil Test Rating from Year 1	Commercial Fertilizer	Animal Waste
≤ H	May use up to crop requirement (see Appendix 4)	Use Year 1 Phosphorus Index result or soil test to determine application rate (see Appendix 6 or 7).
> H	No application ³	Use Year 1 Phosphorus Index result or soil test to determine application rate (see Appendix 6 or 7).

For K₂O¹:

	Years 2 and 3	Years 4 and 5	Year 2 ²
Soil Test Rating from Year 1	Commercial Fertilizer	Commercial Fertilizer	Animal Waste
≤ H	Use up to crop requirement (See Appendix 4)	Use up to crop requirement (See Appendix 4)	See suggested limits on sites where salinity is a concern ⁴
> H	No Application	Use up to crop requirement (See Appendix 4)	See suggested limits on sites where salinity is a concern ⁴

¹State regulation for application of animal wastes take precedence over these guidelines. Possible differences include nutrient extraction methods, soil sampling depths and frequency, and recommended nutrient application rates and volumes specified in the Nutrient Management Practice Standard.

²Soil test required for animal wastes every other year.

³Can use pop-up starter fertilizer.

⁴On sites where salinity is a concern the potassium application should not exceed 100% of the crop requirement for the entire crop rotation or 3X the annual requirement for perennial crops.