

1. Obtain average N fertiliser inputs for grazing and cropping in each CMA using ABS data for Victoria.

2. Compute average N application rates for dairy and non-dairy farms in the Southwest, Northern, and Gippsland regions using data from the Victorian Dairy and Livestock Farm Monitor projects.

3. Calculate non-dairy-to-dairy fertiliser N ratio for the Southwest, Northern, and Gippsland regions using application rates from Step 2.

4. Apportion grazing N fertiliser inputs for each CMA (Step 1) between dairy and non-dairy livestock using the ratios from Step 3.

5. Classify mixed-farming and grazing land-use polygons using the LU\_DESCR\_A attribute.

Apply the cropping rate (Step 1) to polygons labelled 'Cropping'.

Apply the non-dairy rate (Step 4) to polygons labelled 'Grazing modified pastures'.

