The effect of ruminant urine and dung deposition and synthetic nitrogen fertiliser application to pasture on Irish agricultural N₂O profile.

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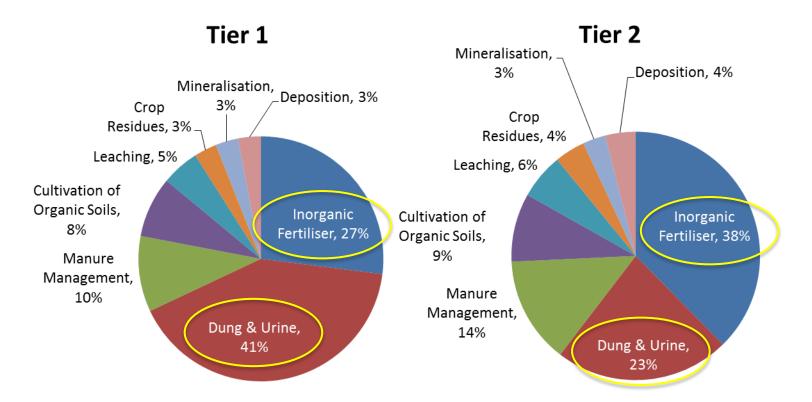


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Results





Conclusions

- New EFs will re-shape Irish N₂O emission profile from agricultural activities with N fertilisation single most important source of N₂O
- There is a need and a potential to mitigate fertiliser-driven N₂O through the use of novel fertiliser formulations
- Soil type was an important factor in determining magnitude of N₂O emissions

