

Table 5 Effects of nitrogen application rates on ¹⁵N in soil residual and loss at mature period of rice

| Water treatment | N treatment | Soil fertilizer nitrogen residue | Residual rate (%) | Nitrogen loss | Loss rate (%) |
|-----------------|------------------|----------------------------------|-------------------|--------------------------|---------------|
| G1 | N ₁₆₀ | 63.43±0.98 ^c | 39.64 | 46.74±2.91 ^c | 29.21 |
| | N ₂₀₀ | 70.05±1.07 ^b | 35.02 | 63.78±2.27 ^b | 31.89 |
| | N ₂₄₀ | 75.69±1.44 ^a | 31.54 | 82.34±11.18 ^a | 34.31 |
| G2 | N ₁₆₀ | 64.08±0.08 ^c | 40.05 | 47.84±1.46 ^c | 29.90 |
| | N ₂₀₀ | 71.4±2.22 ^b | 35.70 | 69.59±14.5 ^{ab} | 34.80 |
| | N ₂₄₀ | 77.84±1.51 ^a | 32.43 | 81.89±5.26 ^a | 34.12 |

Note: Different small letters in the same column meant significant difference among treatments for the same N source at 0.05 level