

Agricultural Use in nutrients  
(IN\_F)  
kg

Implied emission factor for N<sub>2</sub>O (Synthetic fertilizers)  
(EF\_F)  
kg N<sub>2</sub>O-N/kg N

$$\text{GWPN}_2\text{O} * \text{N}_2\text{ON\_to\_NO}_2 * \text{kg\_to\_Gg} * (\text{EF\_F} * \text{IN\_F})$$

Emissions (CO<sub>2</sub>eq) (Synthetic fertilizers)  
(FE\_CO<sub>2</sub>eq)  
gigagrams (CO<sub>2</sub>eq)