**Non-CO₂ Greenhouse Gases:** Nitrous Oxide

**Source/Sectors:** Agriculture/Field Burning of Agricultural Residues

**Technology:** Options for emission reduction related to burning of agricultural residues (B.1.3)

**Description of the Technology:**
Large quantities of agricultural crop residues are produced from farming activities. Crop residue burning is a net source of nitrous oxide, which is released during combustion (USEPA, 2006a). The mitigation options for reducing N₂O emissions from agricultural residue include improved fire management practices, plowing under, or composting (Gale & Freund, 2002).

**Effectiveness:** Low

**Implementability:** Low

**Reliability:** Low

**Maturity:** Low

**Environmental Benefits:** It reduces nitrous oxide emission.

**Cost Effectiveness:** Low

**Industry Acceptance Level:** Low

**Limitations:** None reported.

**Sources of Information:**


