**Non-$CO_2$ Greenhouse Gases:** Methane

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

**Technology:** Options in general (A.3.4)

**Description of the Technology:**
Large quantities of agricultural crop residue are produced from farming activities. Crop residue burning is a net source of methane, which is released during combustion (USEPA, 2006a).

The mitigation options for reducing methane emissions from field burning of agricultural residue include improved fire management practices, plowing under, or composting (Gale & Freund, 2002).

**Effectiveness:** Unknown

**Implementability:** Unknown

**Reliability:** Unknown

**Maturity:** Fair

**Environmental Benefits:** It reduces methane emissions.

**Cost Effectiveness:** None reported.

**Industry Acceptance Level:** Fair

**Limitations:** None reported.

**Sources of Information:**


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12. U.S. Environmental Protection Agency (2006b) “Global Mitigation of Non-$CO_2$ Greenhouse Gases”, Office of Atmospheric Programs, United States Environmental Protection Agency, EPA-430-R-06-005, June 2006.