1. **Effectiveness of Total Fuel Gas Recovery (Dry Basis)**

Farm Waste Source	Organic Matter Carbon Conversion to Fuel Gas (Dry Basis)	
	Anaerobic Digestion	CETY HTAP
Dairy Manure	50%	60%
Lignocellulosic Fiber	5 – 20%	70%

2. **Effectiveness of Methane Recovery Per Volume of Input**

Feedstock	Technology	Recovery Efficiency	Methane Percentage Of Gas Stream
Manure	Digester	25%	60%
Lignocellulosic	Digester	10%	25%
Lignocellulosic	HTAP	70%	27%*

*Because of the higher efficiency of volatiles recovery, 30% of each ton of manure input into an anaerobic digester results in digestate while only 15% goes into the biochar stream. VRG-Lyndon's effective rate of methane recovery is therefore 15% higher than an anaerobic digester. This supports the assertion that VRG's effective percentage of methane recovery is 42%.