

Annual Carbon Emissions for Feed out of a(140 cow dairy)

These conversion factors are from Appendix F Fuel and Energy Source Codes and Emission Coefficients of the U.S.Department of Energy Form EIA-1605EZ (1996) OMB No 1905-0194.

Electricity: 1.5 lb CO₂/kWh Diesel Fuel: 22.4 lb CO₂/gal

Bunker Storage

| | | | |
|--------------------|-----------------|---------------|----------------------------------|
| <i>Electricity</i> | 0 kWh | x 1.5 lb/kWh | 0 lbs CO ₂ |
| <i>Diesel</i> | 2,198.7 gallons | x 22.4 lb/gal | <u>49,251 lbs CO₂</u> |
| | | Total | 49,251 lbs CO₂ |

Harvestore Storage

| | | | |
|--------------------|-----------|---------------|---------------------------------|
| <i>Electricity</i> | 3,372 kWh | x 1.5 lb/kWh | 5,058 lbs CO ₂ |
| <i>Diesel</i> | 0 gallons | x 22.4 lb/gal | <u>0 lbs CO₂</u> |
| | | Total | 5,058 lbs CO₂ |

Total reduction of CO₂ emissions for feedout from the Harvestore is 89.7%

Harvestore is Providing A Climate for Change