

TABLE 1: ENERGY EQUIVALENCE

CROP	Performance	Fuel	Energy	Energy	Performance
	(L/hect-año)		(Mcal/hect-año)	Kcal	Energy Relative Base: Nopal
Nopal (Opuntia)	52.000 (*)	Biogás (*)	364.000	7.000 kcal / M3	100%
Palm	5.550	Biodiesel	51.393	9,260 Kcal / L	14%
Coconut tree	4.200	Biodiesel	38.892	9.260 Kcal / L	11%
Higuerilla	2.600	Biodiesel	24.076	9.260 Kcal / L	7%
Avocado	2.460	Biodiesel	22.780	9.260 Kcal / L	6%
Jatropha	1.559	Biodiesel	14.436	9.260 Kcal / L	4%
Rape	1.100	Biodiesel	10.186	9.260 Kcal / L	3%
Soy	840	Biodiesel	7.778	9.260 Kcal / L	2%
Sugar cane	9.000	Bioetanol	45.000	5.000 Kcal /L	12%
Beet	5.000	Bioetanol	25.000	5.000 Kcal /L	7%
Yucca	4.500	Bioetanol	22.500	5.000 Kcal /L	6%
Sweet sorghum	4.400	Bioetanol	22.000	5.000 Kcal /L	6%
Corn	3.200	Bioetanol	16.000	5.000 Kcal /L	4%
(*) (M3 biogas/hect/año)					