

TABLE 1: ENERGY EQUIVALENCE

CROP	Performance	Fuel	Energy	Energy	Performance Energy Relative
	(L/hect-año)		Kcal	(Mcal/hect-año)	Base: Nopal
Nopal (Opuntia)	25.000	Biogás (*)	7.000 kcal / M3	364.000	100%
Palm	5.550	Biodiesel	9,260 Kcal / L	51.393	29,4%
Coconut tree	4.200	Biodiesel	9.260 Kcal / L	38.892	22,2%
Higuerilla	2.600	Biodiesel	9.260 Kcal / L	24.076	13,8%
Avocado	2.460	Biodiesel	9.260 Kcal / L	22.780	13,0%
Jatropha	1.559	Biodiesel	9.260 Kcal / L	14.436	8,2%
Rape	1.100	Biodiesel	9.260 Kcal / L	10.186	5,8%
Soy	840	Biodiesel	9.260 Kcal / L	7.778	4,4%
Sugar cane	9.000	Bioetanol	5.000 Kcal /L	45.000	25,7%
Beet	5.000	Bioetanol	5.000 Kcal /L	25.000	14,3%
Yucca	4.500	Bioetanol	5.000 Kcal /L	22.500	12,9%
Sweet sorghum	4.400	Bioetanol	5.000 Kcal /L	22.000	12,6%
Corn	3.200	Bioetanol	5.000 Kcal /L	16.000	9,1%

(*) (M3biogas / hect / year) Average plantation density (75% Methane)