Chart 1: Theoretical Potential of Biodiesel Production in Oregon

Cropland Breakdown by Commodity	2006 Actual Acres	Land Base Potential for Use in Canola or other biomass production	Biodiesel Production (million gallons)	**High end probable production within 5 years based on irrigation availability, cropping restrictions and rotational requirements	Biodiesel Production (million gallons)	Assumption
Hay	1,000,000	250,000	31.2	100,000	12.5	50% irrigated
Wheat	900,000	300,000	30.0	100,000	10.0	30% irrigated
Grass seed	525,000	100,000	20.0	50,000	10.0	20% irrigated
Other Grains	110,000			30,000	3.0	10% irrigated
Vegetable Crops (snap beans, sweet corn, onions, green peas)	95,000	9,000	25.0	3,000	8.0	90% irrigated
Fruit & Nut Crops (includes wine grapes)	83,000	-		-		
Field Crops (hops, peppermint, potatoes, sugar beets, etc.)	78,000	10,000	30.0	3,000	8.0	90% irrigated
Greenhouse/Nursery	50,000	-		-		
Berry Crops	20,000	-		-		
Clover Seeds	20,000	-		-		
Other Specialty Seeds	15,000	-		-		
Other/pasture/fallow	1,700,000	100,000	7.0	10,000	1.5	50% irrigated
CRP	500,000	50,000		10,000	1.0	
Total	**5,096,000**	**819,000**	**143**	**306,000**	**54**	
Percentage of cropland		16%		6%		
Assumptions: 100 gallons per acre yield on non-irrigated land; 150-200 gallons per acre on irrigated land.				** This is based on several assumptions; prices on other cropping options may impact significantly.	A likely target of 150,000 acres is within reason.	