Hemp Farming Data Assumptions for "Conventional" Grain (seed) and Fiber in Vermont

cells with variable input values

Table 1

REFERENCES					
Lbs. per Bu	% Moisture	% Oil	% Cake	% Shrink	Lbs. Oil per Gal.
45	12%	33%	65%	2%	7.5

Table 2

YIELD ASSUMPTIONS *PER ACRE*					
Gross Grain Yield [lbs./acre]	Cost To Clean Grain [$$/Lb.]	NET Grain Yield After Cleaning [Lbs./acre]	Oil Yield [gals/acre]	Cake Yield [lbs./acre]	Stalk Yield - Hurds [lbs./acre]
1,000	$0.02	950	42	618	5,000

Table 3

SEED COST ASSUMPTIONS *PER LB.*	
Seeding Rate [Lbs./acre]	Cost of seed [$$/Lb.]
15	$5.00

Table 4

COST OF PRODUCTION ASSUMPTIONS *PER ACRE*					
Fertilize ($40) + Till ($70) + Plant ($25)	Propagation Seed Cost	Cultivate or Spray	Combine ($75) +Truck to Cleaner ($30)	Clean	**Total**
$135	$75	$30	$105	$20	**$365**

Table 5

GROSS REVENUE ASSUMPTIONS *PER LB.*	
$$ /Lb. for Clean Grain	$$/LB. for stalk - hurds
$0.80	$0.04

Table 6

GROSS REVENUE ASSUMPTIONS *PER ACRE*		
Value of grain per acre	Value of stalk/hurds per acre	**Total**
$760	$188	**$948**

NET REVENUE PER ACRE
$583

This summary provided by Netaka White, FULL SUN COMPANY - For Estimation Only [all amounts in USD]

SOURCES: Univ. of Kentucky report, 1997; Reuben Stone, Canadian framer; Anndrea Hermann, Hemp Oil Canada, 2010; Hayo M.G. van der Werf, International Hemp Association; Manitoba Agriculture (Gov't) report, 2009; University of Manitoba report, 2010