

Budget Planner Budget Generator Overview

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Budget Planner

- Windows-Based Budget Generator
- Produces crop enterprise budgets
- 8 Standardized Budget Reports (Tables)
 - User option which to include & how they will be numbered
- View reports on screen before printing
 - Copy to clipboard and paste in Word or Excel to edit

Budget Planner Files

- Budget Files Constructed using data from Three Input Files:
 - Data Files
 - Material Files
 - Equipment Files

Data File

- General Parameters

- Interest rates: operating, machinery & real estate
- Property insurance rate (%/\$1,000)
- Property tax rate: %
- Fuel prices:
 - Diesel, Road Diesel, Gasoline
- Insurance months
- Tax months

Data File

- Labor Rates: \$/hr.
 - Equipment operator
 - Truck Driver
 - Irrigation
 - <Add Labor Type>

Idaho

General Farm Labor

Irrigation Labor: CP

Irrigation Labor: Chem-Fert

Data File

- Headings
 - <Headings>
- Units
 - <Add Units>
- Investments
 - <Add Investments>
- Overhead
 - <Add Overhead>

Data File

- Headings
 - Pre-harvest
 - Harvest
 - Storage
 - Post Harvest
- Units
 - fl oz, pint, qt, gal, oz, lb, cwt, ton, bu, bin, bag, unit, pail, acre, ac-in, hour

Data File

- Investments
 - Price
 - Years
 - Salvage
 - Repairs
- Overhead
 - Units
 - Price

Data File - C:\BP\New Budget Planner\BP 13\Dist 4\D4_13.datafile

General Parameters

Operating Interest (%)	5.75
Machinery Interest (%)	6.0
Real Estate Interest (%)	5.5
Property Insurance (%/\$1000)	5.00
Property Tax Rate (%)	0.00
Diesel Fuel Price (\$/gal)	3.50
Road Diesel Fuel (\$/gal)	4.00
Gasoline Fuel Price (\$/gal)	3.60
Insurance Months	4
Tax Months	612

Labor (\$/hr)

Equipment Operator Labor	17.80
Truck Driver Labor	13.80
Irrigation Labor	12.60
Irrigation Labor - CP	17.80
Irrigation Labor: Chem-Fert	17.80
Non-Machine Labor	10.25
General Farm Labor	10.25
<Add Labor Type>	

Headings

Preharvest
Harvest
Post Harvest
Storage
<Add Heading>

Units

< >

UCD Data File - C:\BP\New Budget Planner\BP 13\Dist 4\D4_13.datafile

<Add Heading>

Units

fl oz
pint
qt
gal
oz
lb
cwt
ton
bu
bin
unit
each
acre
ac-in
aum
head
hr

<Add Unit>

Investments	Price	Years	Salvage	Repair
<Add Investment>				

Overhead

	Units	Price
General Overhead	acre	0
Management Fee	acre	0
Land Rent	acre	0
Sugarbeet Co-op Stock	acre	50.00

Materials File

- Item Price Units
 - <Add Category>
 - <Add Material>
- Categories: serve as headings
 - Seed, Fertilizer, Pesticides/Chemicals, Custom, Irrigation, Labor, Machinery
- Material: the detailed inputs
 - Barley seed, wheat seed, N, P2O5, Eptam, Custom Fertilize

Material File - C:\BP\New Budget Planner\BP 1...

Item	Price	Units
Seed		
Alfalfa Seed (pvt): inoculated	4.05	lb
Feed Barley Seed - Spring	0.23	lb
Malting Barley Seed - Spring	0.28	lb
Roundup Ready Beet Seed: Raw	150.00	lb
Roundup Technology Fee - SB	142.00	
Canola Seed	3.50	lb
G-2 Russet Burbank Potato Seed	14.00	cwt
G-3 Russet Burbank Potato Seed N	11.40	cwt
G-3 Russet Burbank Potato Seed S	11.95	cwt
Potato Seed Cutting	1.65	cwt
Wheat Seed: HRS	0.25	lb
Wheat Seed: HWS	0.26	lb
Wheat Seed: HRW	0.25	lb
Wheat Seed: SWS	0.23	lb
Wheat Seed: SWW	0.23	lb
<Add material>		
<Add Category>		
Fertilizer		
Dry Nitrogen - Pre-plant	0.66	lb
Liquid Nitrogen	0.82	lb
Dry P2O5	0.53	lb
Liquid P2O5	0.76	lb
K2O	0.50	lb
Sulfur	0.25	lb
Micronutrients & Humic Acid - CP	32.00	acre

Equipment File

• Machine Name

<Add Equipment>

New Machine Type

Choose New Machine Type



Examples:

Tractor, 2-Wheel Drive

Tractor, 4-Wheel Drive


Truck, Farm

Moldboard Plow

Grain Drill

Combine

Equipment File (Tractor)

- Name
- Purchase Price
- Years of Life
- Fuel Type 
- PTO Horsepower
- Annual Hours of Use
- Salvage Value (Calculated)
- Salvage Value (Override)
- Fuel Use per Hour (Calculated)
- Fuel Use per Hour (Override)

Equipment File - C:\BP\New Budget Planner\BP 13\Dist 4\D4DHR_13.equipment



Machine Name
Tractor 145 HP - Used
Tractor 300 HP WT
Tractor 255 HP Rubber Track
SP Combine: 25'
Pickup 1 - 3/4 ton
Pickup - used 3/4t
4-wheeler
Truck 10-Wheeler
Service Truck
Flail Chopper
Chisel Plow - 27'
Disk Ripper 13'
Ripper - 15'
Offset Disk - 20'
Tandem Disk - 26'
F. Cultivator -36'
Roller-harrow -24'
Spike Harrow - 36'
Grain Drill - 24'
Air Seeder Grain Drill 35'
Packer - 24'
Swather - 14'
Sprayer - 50' 1,000 gallon Ta...
Sprayer - 50' 200 gal.
<Add Equipment>

Name	Tractor 145 HP - Used
Purchase Price	75000
Years of Life	20
Fuel Type	Diesel
PTO Horsepower	145
Annual Hours of Use	200
Salvage Value (Calculated)	\$ 9623.36
Salvage Value (Override)	
Hours of Equipment Life	12000
Fuel Use Per Hr (Calculated)	8.42
Fuel Use Per Hr (Override)	
Machine Type	Tractor, 2-wheel drive
Class	Tractor

Equipment File (Implement)

- Name
- Purchase Price
- Years of Life
- Annual Hours of Use
- Speed (mph)
- Width (feet)
- **Salvage Value (Calculated)**
- **Salvage Value (Override)**

Equipment File - C:\BP\New Budget Planner\BP 13\Dist 4\D4DHR_13.equipment

Machine Name

Tractor 145 HP - Used
Tractor 300 HP WT
Tractor 255 HP Rubber Track
SP Combine: 25'
Pickup 1 - 3/4 ton
Pickup - used 3/4t
4-wheeler
Truck 10-Wheeler
Service Truck
Flail Chopper
Chisel Plow - 27'
Disk Ripper 13'
Ripper - 15'
Offset Disk - 20'
Tandem Disk - 26'
F. Cultivator -36'
Roller-harrow -24'
Spike Harrow - 36'
Grain Drill - 24'
Air Seeder Grain Drill 35'
Packer - 24'
Swather - 14'
Sprayer - 50' 1,000 gallon Ta...
Sprayer - 50' 200 gal.

<Add Equipment>

Name **Roller-harrow -24'**

Purchase Price 54000

Years of Life 15

Annual Hours of Use 125

Speed (mph) 5.0

Width (feet) 24

Salvage Value (Calculated) \$ 5184.35

Salvage Value (Override)

Hours of Equipment Life 2000

Machine Type Tandem disk harrow ▼

Class Implement

Budget File

- General Information
- Title
- Report Headings
- Select Input Files:
 - Data
 - Material
 - Equipment
- Allocation of Investment & Overhead
- Decimal: 0 or 2
- English/Metric
- Perennial: Yes/No

UCD Budget - C:\BP\New Budget Planner\BP 13\Dist 4\4mbly13.budget

General Info | Crops | Malting Barley | Equipment | Investment & Overhead

Title Report Heading Heading Line 2 Heading Line 3 Data File Material File Operating Interest (%) Machinery Interest (%) Investment/Real Estate Interest (%) Property Insurance (\$/\$1000) Property Tax Rate (%) Diesel Fuel Price (\$/gal) Road Diesel Fuel Price (\$/gal) Gasoline Fuel Price (\$/gal) Equipment Operator Labor (\$/hr) Truck Labor (\$/hr) Irrigation Labor (\$/hr) Equipment Price Index (1=100%) Equipment File Property Tax Months (Up to 4, Comma Separated) Property Insurance Months (Up to 4, Comma Separated) Allocate Investment by Acre Gross Return Percentage (manual)Allocate Overhead by Acre Gross Return Percentage (manual)Reports Decimal Places 0 2Units English MetricPerennial Budget Yes No

Budget File

- Crop
 - Crop Name
 - Product
 - Acres
 - Yield/Acre
 - Units
 - Price
 - Harvest Date: (MM-YY)
 - **Income (calculated)**


Budget - C:\BP\New Budget Planner\BP 13\Dist 4\4mbly13.budget

General Info Crops Malting Barley Equipment Investment & Overhead

Crop Name	Product	Acres	Yield/Acre	Units	Price	Harvest Date(MM-YY)	Income
Malting Barley	Malting Barley	1600	125 bu		5.75	08-13	1150000
	<Add product>						
<Add crop>							
Totals		1600					1150000

Budget File

- Barley

<u>Operation</u>	<u>Date</u>	<u>Heading</u> 
Disk	10-12	Pre-Harvest

- Material 

- Labor 

- Equipment 

UCD Budget - C:\BP\New Budget Planner\BP 13\Dist 4\4mbly13.budget



General Info Crops Malting Barley Equipment Investment & Overhead

Crop Name	Product	Acres	Yield/Acre	Units	Price	Harvest Date(MM-YY)	Income
Malting Barley	Malting Barley	1600	125 bu		5.75	08-13	1150000
	<Add product>						
Totals							1150000

Operation	Date(MM-YY)	Heading
Irrigation	10-12	Prehar...
Tillage	10-12	Prehar...
Applying Fertilizer	03-13	Prehar...
Seed Hauling	04-13	Prehar...
Roller Harrow & Plant	04-13	Prehar...
Crop Insurance	04-13	Prehar...
Irrigation Water Assessment	04-13	Prehar...
Irrigation Repairs	04-13	Prehar...
Irrigation	05-13	Prehar...
Applying Pesticides	05-13	Prehar...
Irrigation	06-13	Prehar...
Applying Pesticides	06-13	Prehar...
Irrigation	07-13	Prehar...
Harvest	08-13	Harvest
Crop Hauling	08-13	Harvest
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...

Material	Quantity	Unit	Price	Category	Vary	Link
<Add Material>						
Non-Machine Labor						
General Farm La...	0.1522	hour	10.25	Labor	<input type="checkbox"/>	
<Add Labor>						
Machine Labor						
Equipment Opera...	0.1522...	hour	17.80	Labor	<input type="checkbox"/>	
Equipment		MPG	MPH			
RT Tractor - 340hp			4.5			
Disk-Ripper - 17'						
<Add Equipment>						
Operation Time		min/acre	hrs/acre	acres/hr	Vary	
Calculated	7.61	0.127	7.88		<input type="checkbox"/>	
Override						

Budget - C:\BP\New Budget Planner\BP 13\Dist 4\4mbly13.budget

General Info Crops Malting Barley Equipment Investment & Overhead

Crop Name	Product	Acres	Yield/Acre	Units	Price	Harvest Date(MM-YY)	Income
Malting Barley	Malting Barley	1600	125 bu		5.75	08-13	115000
	<Add product>						
Totals							115000

Operation	Date(MM-YY)	Heading
Irrigation	10-12	Prehar...
Tillage	10-12	Prehar...
Applying Fertilizer	03-13	Prehar...
Seed Hauling	04-13	Prehar...
Roller Harrow & Plant	04-13	Prehar...
Crop Insurance	04-13	Prehar...
Irrigation Water Assessment	04-13	Prehar...
Irrigation Repairs	04-13	Prehar...
Irrigation	05-13	Prehar...
Applying Pesticides	05-13	Prehar...
Irrigation	06-13	Prehar...
Applying Pesticides	06-13	Prehar...
Irrigation	07-13	Prehar...
Harvest	08-13	Harvest
Crop Hauling	08-13	Harvest
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...
General Pickup Use	ALL	Prehar...

Material	Quantity	Unit	Price	Category	Vary	Link
Custom Fertilize: 0...	1.00	acre	6.75	Custom		==
Dry Nitrogen - Pre...	90	lb	0.66	Fertilizer		==
Dry P2O5	45.00	lb	0.53	Fertilizer		==
K2O	10	lb	0.50	Fertilizer		==
<Add Material>						
Non-Machine Labor	Quantity	Unit	Price			
<Add Labor>						
Machine Labor	Quantity	Unit	Price			
Equipment Opera...	0.0000...	hour	15.60	Labor		
Equipment	MPG	MPH				
<Add Equipment>						
Operation Time	min/acre	hrs/acre	acres/hr		Vary	
Calculated	0.00	0.000	0.00		<input type="checkbox"/>	
Override						

Budget - C:\BP\New Budget Planner\BP 13\Dist 4\4mbly13.budget

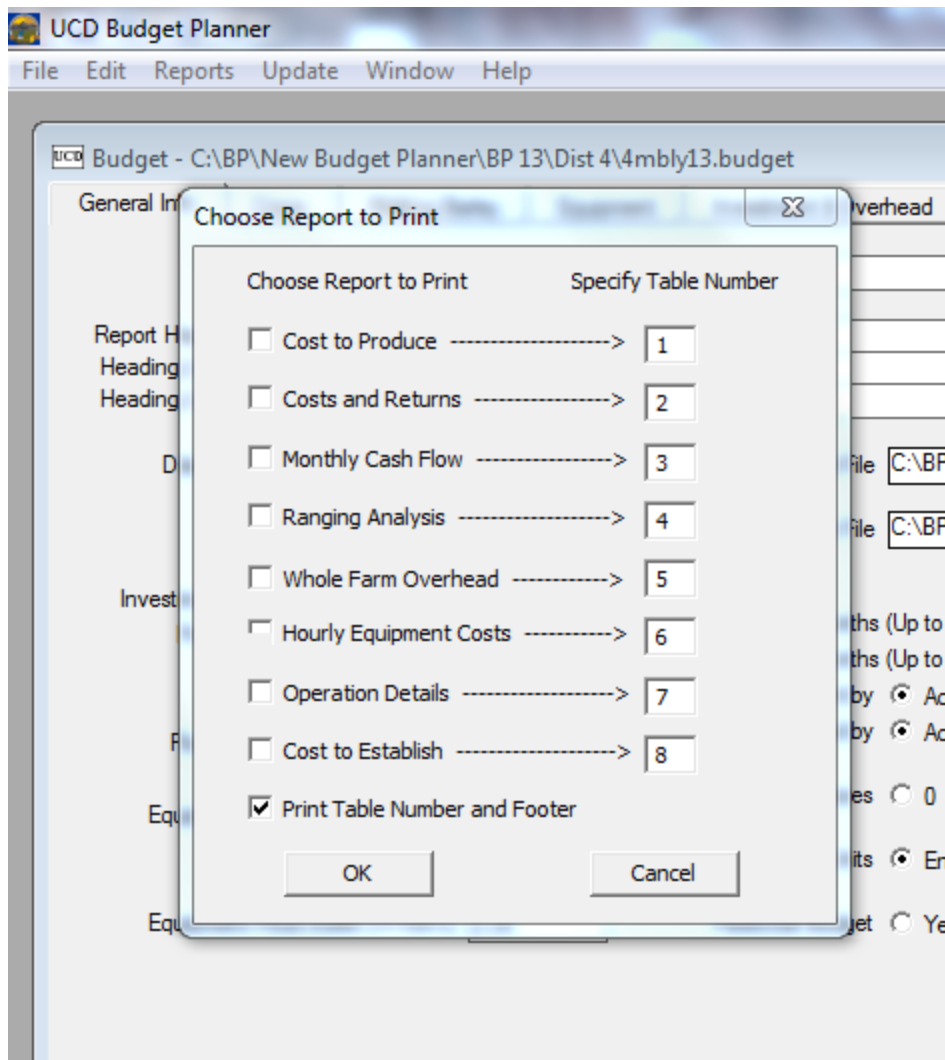
General Info Crops Malting Barley Equipment Investment & Overhead

Investment	Initial Investment	Years	Salvage Value	Repair Costs	Interest	Property Tax	Property Insurance
<Add Investment>							

Overhead	Units per Farm	Units	Price per Unit	Total	Malting Barley (Acres)	Other (Acres)	Date
General Overhead	1600	acre	10.00	\$16000.00	1600		
Land Rent	1600	acre	215	\$344000.00	1600		
Management Fee	1600	acre	34	\$54400.00	1600		
<Add Overhead>							

Budget Reports

- Cost to Produce
- Costs and Returns
- Monthly Cash Flow
- Ranging Analysis
- Whole Farm Overhead
- Hourly Equipment Costs
- Operations Details
- Cost to Establish



Questions?
Comments

