

Blueberry (covered) – summary of indicators for base budget

Crop	Blueberry (covered)
PFR mapping type ¹	Continuous
Location	National
Analysis type	Whole farm
Average Well Suited Yield (kg/ha)	12000
Revenue (\$/ha)	\$284,000
Variable expenses (\$/ha)	\$105,000
Fixed Expenses)\$/ha)	\$98,000
Operating profit (\$/ha)	\$81,000
Capital employed in the land use (\$/ha)	\$448,000
On farm labour (FTE/10ha)	24.9
Total GDP (\$/ha)	\$332,000
Total Household Income (HHI)	\$194,000
Total employment (FTE/10ha)	33.9
Time to commercial yield (years)	4
Specific skills required	Horticultural management
Critical infrastructure requirements	Packhouse and chiller
Primary Market (Export/Domestic)	Domestic
Volatility of returns	High
Marketing structures	Undeveloped
Reliability of data	Low (single data source, no validation)
Entrepreneurship required	Moderate - High
Source	Agribusiness Group Ltd

Notes:

- Data from Agribusiness Group Ltd, 2022.
- Expenses updated using the Producer Price Index and Labour Costs Index (Stats NZ) to the 2023 year
- National production estimates not validated due to lack of data.
- Total GDP, HHI and employment reported for the Waikato region.

¹ Refers to the Plant and Food estimates of suitability and yield. Fruit crops generally vary continuously from 0 – 1 suitability, while the arable crops are categorical in 4 classes.

Blueberry (covered) Base Operating Budget

<u>Crop – Blueberries (covered)</u>	
<u>Item</u>	<u>Per ha</u>
Yield (kg/ha)	12,000
Price/kg	\$25
Revenue	
Berries	\$300,000
Net cash income	\$300,000
Orchard working expenses (\$/ha/year)	
Picking wages	\$105,000
Other wages	\$25,500
Total labour expenses (\$/ha/year)	\$130,500
Weed and pest control	\$3,500
Pest and Disease	\$3,500
Pollination	\$1,450
Fertiliser and lime	\$10,200
Electricity	\$4,000
Vehicle (including fuel)	\$4,500
Repairs and maintenance	\$1,575
General	\$3,000
Substrate & Bags	\$8,700
Freight	
Trays	\$23,400
Total other working expenses (\$/ha/year)	\$63,825
Rates	\$1,150
Insurance	\$3,230
ACC – owners	\$720
Communication	\$500
Accountancy	\$400
Legal and consultancy	\$
Levies and subscriptions	\$
Other administration	\$3,100
Total overhead expenses (\$/ha/year)	\$9,100
Total orchard working expenses (\$/ha/year)	\$203,425
Operating profit (\$/ha/year)	\$96,575

Source: Agribusiness Group Ltd. 2022.

Blueberry (covered) Base Development Budget

Crop –Blueberry (covered)	
Development Costs	per ha
Ground preparation	1,400
Planting prep.	6,800
Planting	19,300
Fertigation	13,800
Bird Netting	
Packing Facilities	207,001
Cover	200,000
Total Costs	448,301

Source: Agribusiness Group, 2022.