

### Onion – summary of indicators for base budget

<b>Crop</b>	<b>Onion</b>
<b>PFR mapping type<sup>1</sup></b>	<b>Categorical</b>
<b>Location</b>	<b>Canterbury</b>
<b>Analysis type</b>	<b>Gross margin</b>
<b>Average Well Suited Yield (t/ha)</b>	40.5
<b>Revenue (\$/ha)</b>	\$22,000
<b>Variable expenses (\$/ha)</b>	\$4,000
<b>Fixed Expenses )\$/ha)</b>	\$15,000
<b>Operating profit (\$/ha)</b>	\$4,100
<b>Capital employed in the land use (\$/ha)</b>	\$0
<b>On farm labour (FTE/10ha)</b>	0.1
<b>Total GDP (\$/ha)</b>	\$14,400
<b>Total Household Income (HHI)</b>	\$5,000
<b>Total employment (FTE/10ha)</b>	0.1
<b>Time to commercial yield (years)</b>	0
<b>Specific skills required</b>	Arable management
<b>Critical infrastructure requirements</b>	Harvester, tractor, storage or contractor
<b>Market (Export/Domestic)</b>	Export
<b>Marketing structures</b>	Undeveloped apart from established growers
<b>Reliability of data</b>	Low - Moderate (consultant data)
<b>Entrepreneurship required</b>	Moderate for export marketing
<b>Source</b>	Agribusiness Group

#### Notes:

- Data from Agribusiness Group (2022).
- Yield data from Fresh Facts 2018 – 2020<sup>2</sup>.
- Total GDP, HHI and employment reported for the Canterbury region.
- Expenses reported here for the Canterbury region. All expenses adjusted using the Producer Price Index and Labour Costs Index (Stats NZ) to the 2023 year.

<sup>1</sup> 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.

<sup>2</sup> Aitken, A.G. and Warrington, I. J. (2019) Fresh Facts 2019. Plant and Food Research, Auckland. Fresh Facts. [freshfacts-2019.pdf](#) Accessed November 2022.

### **Onion – details of base budget**

<b>Item</b>	<b>Onion</b>
<b><u>Income</u></b>	
Production (t/ha)	40.5
Price	\$550
<b>Revenue</b>	<b>\$22,259</b>
<b><u>Expenditure</u></b>	
Seed	\$6,050
Fertiliser	\$2,584
Weed Control	\$0
Disease Control	\$825
Pest Control	\$165
Contracting	\$5,704
Labour	\$0
irrigation costs.	\$430
<b>Total Expenditure</b>	<b>\$15,757</b>
<b>Gross Margin</b>	<b>\$6,501</b>