

FOODPRINT MELBOURNE



INQUIRY 1

What are the characteristics of Melbourne's foodbowl?

DATA SHEET 3

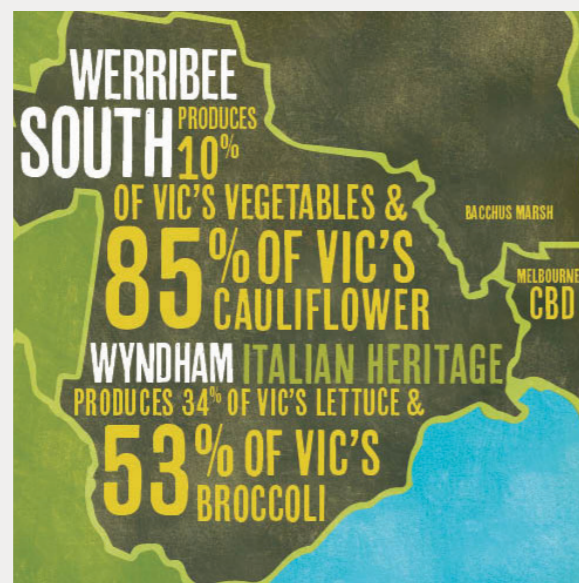
Use to complete Worksheet 3b

PAGE 1 of 2

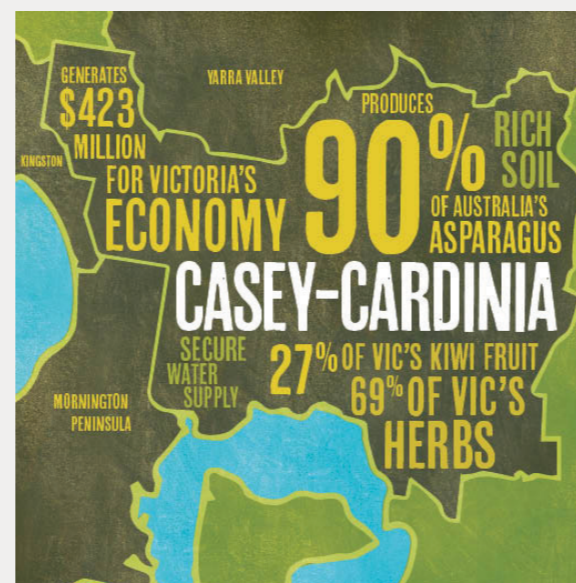
FIGURE 1: SOME OF THE REGIONS WITHIN MELBOURNE'S FOODBOWL



1. Mornington Peninsula



2. Werribee South



3. Casey-Cardinia

TABLE 1: AGRICULTURAL PRODUCTION IN SELECTED AREAS ON MELBOURNE'S FRINGE

Table 1 shows some fruit and vegetable crops grown in these regions and the amount of the crop that grows in each region. The amount of some crops is shown in kilograms (Kg) and some in tonnes (T).

Food crop	Werribee South	Casey-Cardinia	Mornington Peninsula
Broccoli (Kg)	9,951,148	1,080,112	3,086,608
Carrots (T)	0	345	3,209
Lettuce (Kg)	12,416,092	2,524,481	15,798,671
Onions (T)	0	585	1,037
Potatoes (T)	0	37,767	662
Tomatoes (T)	0	932	27
Oranges (Kg)	0	0	24
Peaches (Kg)	0	12	16,192
Apples (Kg)	0	2,892,369	3,067,310
Pears (Kg)	0	147,205	64,709
Berries (Kg)	0	948,910	1,699,074

Source: Australian Bureau of Statistics (2012) Agricultural Commodities Cat. No. 7121.0

FIGURE 2: THE RIGHT SOIL



Sandy Tenosol soil is low in nutrients, can be wet and still well-aerated.

Peaty Black Vertosol is 60% clay and rich in nutrients at the surface.

Source: Victorian Resources Online, Victorian State Soil

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PAGE 2 of 2

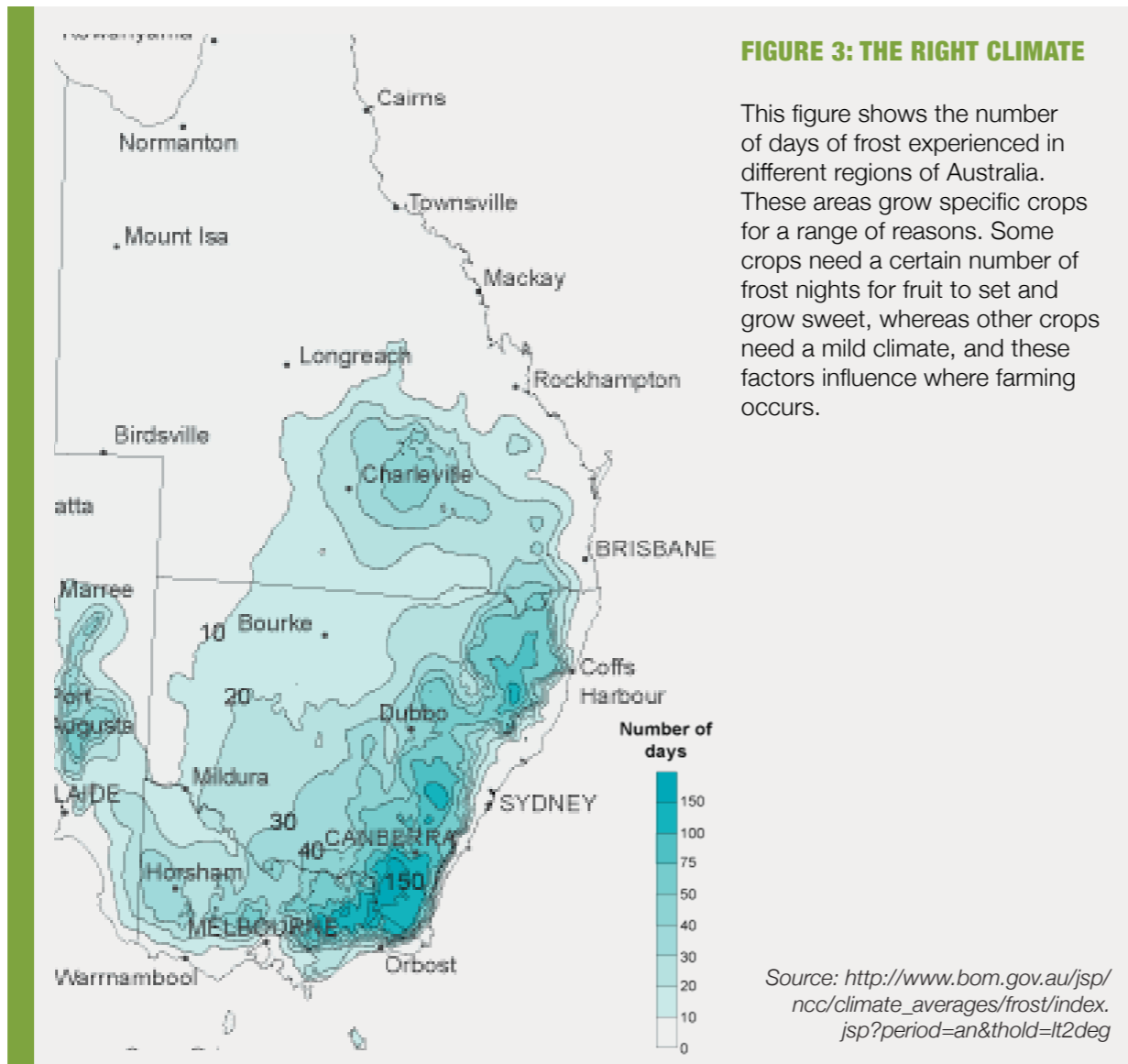


FIGURE 4: PERISHABLE FOOD CROPS



Vegetables like broccoli and lettuce are considered perishable, whereas vegetables like carrots, potatoes, and onions aren't considered perishable. Perishable vegetables are more likely to degrade quickly, whereas non-perishable vegetables can be stored for longer periods of time. Perishable fruits include berries, whereas apples can be stored for a year after harvest in the right conditions.

TABLE 2: FOOD CROPS GROWN IN TWO REGIONAL AREAS

Swan Hill and Shepparton are areas of regional Victoria that are important for fruit and vegetable growing. For a long time, Shepparton has been home to the Shepparton Preserving Company (SPC). The preserving company produced canned fruits – such as canned peaches and pears – and canned vegetables, including canned tomatoes.

This table shows some of the fruit and vegetable crops grown in the Swan Hill and Shepparton regions. The amount of some crops is shown in kilograms (Kg) and some in tonnes (T).

	Swan Hill region	Shepparton region
Broccoli (Kg)	687,498	170,381
Carrots (T)	33,217	0
Lettuce (Kg)	605,505	0
Onions (T)	2,061	0
Potatoes (T)	10,912	0
Tomatoes (T)	13	14,236
Oranges (Kg)	5,573,355	0
Peaches (Kg)	4,961,337	12,038,553
Apples (Kg)	264,804	69,926,303
Pears (Kg)	1	85,172,106
Berries (Kg)	1,399	8,112