WHAT TO GROW IN

Hebron

Local Municipality of Madibeng, Bojanala Platinum, North West · Lowveld & Bushveld

-25.5502, 28.0228 · 1,213 m above sea level

> Lowveld & Bushveld climate: most rain falls in summer, with dry winters (about 638 mm a year). Expect about 3 frosty nights a year; plant frost-tender crops after 7 August. Soils here are typically slightly acidic (pH 6.1) and sandy loam.

At a glance

RAINFALL
638 mm
Summer rainfall

AVERAGE
19.6 °C
Hot semi-arid (steppe)

FROST
3 nights
safe after 7 August

SOIL
pH 6.1
Sandy loam

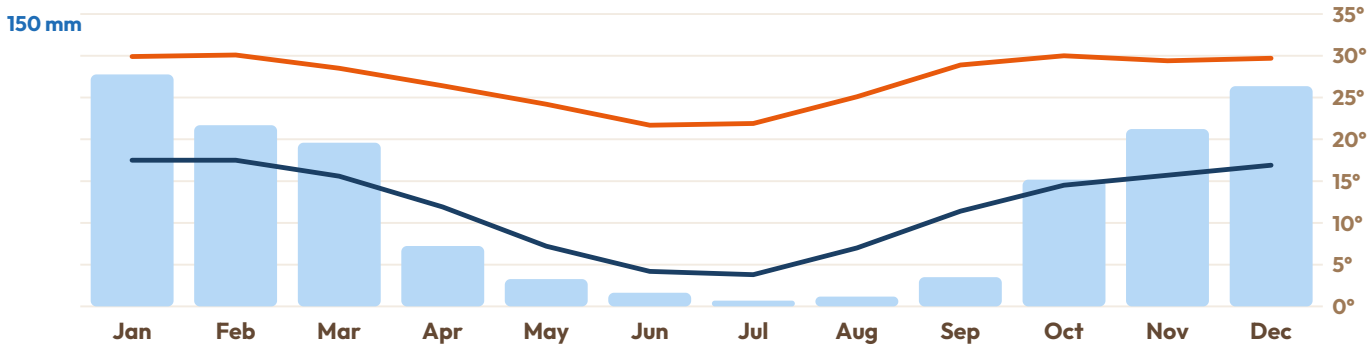
GROWING ZONE
Lowveld & Bushveld
Köppen BSh

SUMMER / WINTER
30.1° / 3.8°
summer days / winter nights

WINTER CHILL
10 portions
Low

HARDINESS ZONE
10a
coldest night about -0.6 °C

Climate through the year



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day max (°C)	29.9	30.1	28.5	26.4	24.2	21.7	21.9	25.1	28.9	30	29.4	29.7
Night min (°C)	17.5	17.5	15.6	11.9	7.2	4.2	3.8	7	11.4	14.5	15.7	16.9
Average (°C)	23.9	24	22.2	19.2	15.4	12.5	12.4	15.9	20.4	22.5	22.9	23.6
Rain (mm)	119	93	84	31	14	7	3	5	15	65	91	113
Humidity (%)	55	55	55	53	50	50	48	47	46	50	53	55
Frost chance	–	–	–	–	–	30%	30%	7%	–	–	–	–

Frost & chill

Frosty nights a year	3
Last frost usually by	20 July
Safe for tender crops	after 7 August
First autumn frost	–
Frost-free days	365
Typical coldest night	-0.6 °C
Hardiness zone	10a
Winter chill	10 portions · 149 units

Low - choose low-chill peaches, nectarines and plums

Soil & terrain

pH (water)	6.1 · Slightly acidic
Texture	Sandy loam
Organic matter	Medium
Drainage	Well
Water held (top 60 cm)	48 mm
Soil group	Luvisols
Elevation	1,213 m
Slope	1.8°

Light and easy to dig; drains well. Great for root crops - add compost.

Modelled typical soil for this ~1 km² area (SoilGrids). Your own garden can differ - a simple soil test is always worth it.

What to plant, season by season

Every crop FarmBoss rates Excellent, Good or With care for this spot, listed under the months to plant it out or sow it in place. Seedlings are sown in trays a few weeks earlier (shown in brackets). Effort runs from 1 (very easy) to 5 (expert).

Spring · Sep–Nov 77 crops

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Vegetables					
Sweet potato	Excellent	1 · Very easy	Plant cuttings	Sep–Nov	
Green beans (bush)	Excellent	2 · Easy	Sow in place	Sep	
Sweet pepper	Excellent	4 · Challenging	Seedlings (sow in trays Jul–Oct)	Sep–Nov	
Sweetcorn (green mealies)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Cucumber	Excellent	3 · Moderate	Sow in place	Sep	
Chilli	Excellent	3 · Moderate	Seedlings (sow in trays Jul–Sep)	Sep–Nov	
Okra	Excellent	3 · Moderate	Sow in place	Sep–Nov	
Brinjal (eggplant)	Excellent	4 · Challenging	Seedlings (sow in trays Jul–Sep)	Sep–Nov	
Herbs					
Dill	Excellent	2 · Easy	Sow in place	Sep	
Parsley	Excellent	3 · Moderate	Sow in place	Sep	
Basil	Excellent	2 · Easy	Seedlings (sow in trays Aug–Oct)	Sep–Nov	
Chives	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Lemon balm	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Oregano	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Rosemary	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Ginger	Excellent	4 · Challenging	Plant tubers	Sep–Oct	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Lavender	Excellent	2 · Easy	Plant from a pot	Sep–Oct	
Thyme	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Sage	Good	1 · Very easy	Plant from a pot	Sep–Nov	Typical soil pH here is 6.1; sage prefers 6.5-7.5. Add agricultural lime.
Lemongrass	Good	2 · Easy	Plant from a pot	Sep–Nov	About 638 mm of rain a year; lemongrass needs roughly 700 mm or more - plan to water regul...
Rose geranium	Good	3 · Moderate	Plant cuttings	Sep–Nov	Winter lows of about -1 °C are close to or below the 0 °C that damages rose geranium
Mint	Good	1 · Very easy	Plant from a pot	Sep–Nov	About 638 mm of rain a year; mint needs roughly 800 mm or more - plan to water regularly
Tea	Good	5 · Expert	Plant cuttings	Sep–Oct	About 638 mm of rain a year; tea needs roughly 1150 mm or more - plan to water regularly
Fruit Trees					
Persimmon (sharon fruit)	Excellent	2 · Easy	Plant a grafted tree	Sep–Nov	
Pomegranate	Excellent	2 · Easy	Plant cuttings	Sep–Nov	
Olive	Excellent	2 · Easy	Plant from a pot	Sep–Nov	
Mulberry	Good	1 · Very easy	Plant from a pot	Sep–Nov	About 638 mm of rain a year; mulberry needs roughly 700 mm or more - plan to water regular...
Avocado	Good	4 · Challenging	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; avocado needs roughly 1000 mm or more - plan to water regular...
Coffee	Good	5 · Expert	Plant from a pot	Sep–Nov	About 638 mm of rain a year; coffee needs roughly 1300 mm or more - plan to water regularl...
Grapefruit	Good	3 · Moderate	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; grapefruit needs roughly 900 mm or more - plan to water regul...
Guava	Good	1 · Very easy	Plant from a pot	Sep–Nov	About 638 mm of rain a year; guava needs roughly 1000 mm or more - plan to water regularly
Lemon	Good	2 · Easy	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; lemon needs roughly 800 mm or more - plan to water regularly
Lime	Good	2 · Easy	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; lime needs roughly 900 mm or more - plan to water regularly
Litchi	Good	5 · Expert	Plant from a pot	Sep–Nov	About 638 mm of rain a year; litchi needs roughly 1200 mm or more - plan to water regularl...

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Macadamia	Good	3 · Moderate	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; macadamia needs roughly 1000 mm or more - plan to water regul...
Mango	Good	4 · Challenging	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; mango needs roughly 750 mm or more - plan to water regularly
Naartjie	Good	3 · Moderate	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; naartjie needs roughly 900 mm or more - plan to water regular...
Orange (citrus)	Good	3 · Moderate	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; orange (citrus) needs roughly 900 mm or more - plan to water...
Pecan	Good	3 · Moderate	Plant a grafted tree	Sep–Nov	About 638 mm of rain a year; pecan needs roughly 750 mm or more - plan to water regularly
Banana	With care	3 · Moderate	Plant suckers	Sep–Nov	Average temperature of 19.6 °C is too cool for banana
Pineapple	With care	4 · Challenging	Plant from a pot	Sep–Nov	Winter lows of about -1 °C are close to or below the 1 °C that damages pineapple
Pawpaw (papaya)	With care	4 · Challenging	Plant from a pot	Sep–Nov	Average temperature of 19.6 °C is too cool for pawpaw (papaya)
Berries & Vines					
Cape gooseberry	Excellent	3 · Moderate	Seedlings (sow in trays Jul–Sep)	Sep–Nov	
Blueberry	Good	5 · Expert	Plant from a pot	Sep–Nov	Typical soil pH here is 6.1; blueberry prefers 4.2-5.2. Add compost and sulphur to lower i...
Granadilla (passion fruit)	Good	4 · Challenging	Plant from a pot	Sep–Nov	About 638 mm of rain a year; granadilla (passion fruit) needs roughly 1200 mm or more - pl...
Field Crops					
Dry beans	Excellent	3 · Moderate	Sow in place	Sep–Oct	
Maize	Excellent	2 · Easy	Sow in place	Sep–Nov	
Pearl millet (babala)	Excellent	1 · Very easy	Sow in place	Oct–Nov	
Sorghum	Excellent	2 · Easy	Sow in place	Sep–Nov	
Sunflower	Excellent	2 · Easy	Sow in place	Sep–Nov	
Soybean	Excellent	3 · Moderate	Sow in place	Sep	
Pigeon pea	Excellent	1 · Very easy	Sow in place	Oct–Nov	
Groundnut (peanut)	Excellent	2 · Easy	Sow in place	Oct–Nov	
Mung bean	Good	3 · Moderate	Sow in place	Nov	Typical soil pH here is 6.1; mung bean prefers 6.3-7.2. Add agricultural lime.
Cassava	With care	2 · Easy	Plant cuttings	Sep–Nov	Average temperature of 19.6 °C is too cool for cassava
Indigenous & African Crops					

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Amaranth (morogo / imbuya)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Bambara groundnut	Excellent	2 · Easy	Sow in place	Oct–Nov	
Num-num (amatungula)	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Spider plant (morogo)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Wild garlic	Excellent	1 · Very easy	Plant from a pot	Sep–Nov	
Wild medlar	Excellent	1 · Very easy	Plant from a pot	Nov	
Black nightshade (umsobo)	Excellent	2 · Easy	Seedlings (sow in trays Aug–Oct)	Sep–Nov	
Blackjack (umhlabangubo)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Jew's mallow (thelele)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Wild cucumber	Excellent	2 · Easy	Sow in place	Sep–Nov	
Cowpea	Excellent	2 · Easy	Sow in place	Sep–Nov	
Makataan (bitter watermelon)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Bottle gourd (calabash)	Excellent	2 · Easy	Sow in place	Sep–Nov	
Wild rosemary (kapokbos)	Excellent	2 · Easy	Plant cuttings	Sep	
Mobola plum	Excellent	4 · Challenging	Plant from a pot	Sep–Nov	
Monkey orange	Excellent	3 · Moderate	Plant from a pot	Sep–Nov	
Wild plum (umgwenya)	Excellent	3 · Moderate	Plant from a pot	Sep–Nov	
Marula	Excellent	3 · Moderate	Plant a grafted tree	Oct–Nov	
Sour plum (Ximenia)	Excellent	2 · Easy	Plant from a pot	Sep–Nov	
Marama bean	Good	3 · Moderate	Sow in place	Sep–Nov	Typical soil pH here is 6.1; marama bean prefers 6.5-7.5. Add agricultural lime.
Kei apple	Good	1 · Very easy	Plant from a pot	Sep–Nov	About 638 mm of rain a year; kei apple needs roughly 700 mm or more - plan to water regula...
Baobab	Good	2 · Easy	Plant from a pot	Sep–Nov	Winter lows of about -1 °C are close to or below the 0 °C that damages baobab

Summer · Dec–Feb 76 crops

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Vegetables					
Sweet potato	Excellent	1 · Very easy	Plant cuttings	Dec	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Swiss chard (spinach)	Excellent	2 · Easy	Sow in place	Feb	
Green beans (bush)	Excellent	2 · Easy	Sow in place	Feb	
Sweet pepper	Excellent	4 · Challenging	Seedlings (sow in trays Oct–Nov)	Dec	
Baby marrow (courgette)	Excellent	3 · Moderate	Sow in place	Feb	
Gem squash	Excellent	3 · Moderate	Sow in place	Feb	
Cucumber	Excellent	3 · Moderate	Sow in place	Feb	
Carrot	Excellent	3 · Moderate	Sow in place	Feb	
Pumpkin	Excellent	2 · Easy	Sow in place	Feb	
Chilli	Excellent	3 · Moderate	Seedlings (sow in trays Oct)	Dec	
Okra	Excellent	3 · Moderate	Sow in place	Dec–Jan	
Tomato	Excellent	4 · Challenging	Seedlings (sow in trays Jan)	Feb	
Butternut	Excellent	3 · Moderate	Sow in place	Feb	
Herbs					
Chamomile (German)	Excellent	2 · Easy	Sow in place	Feb	
Dill	Excellent	2 · Easy	Sow in place	Feb	
Basil	Excellent	2 · Easy	Seedlings (sow in trays Nov–Jan)	Dec–Feb	
Chives	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Lemon balm	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Oregano	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Rosemary	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Thyme	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Sage	Good	1 · Very easy	Plant from a pot	Dec–Feb	Typical soil pH here is 6.1; sage prefers 6.5-7.5. Add agricultural lime.
Lemongrass	Good	2 · Easy	Plant from a pot	Dec–Feb	About 638 mm of rain a year; lemongrass needs roughly 700 mm or more - plan to water regul...
Rose geranium	Good	3 · Moderate	Plant cuttings	Dec–Feb	Winter lows of about -1 °C are close to or below the 0 °C that damages rose geranium
Mint	Good	1 · Very easy	Plant from a pot	Dec–Feb	About 638 mm of rain a year; mint needs roughly 800 mm or more - plan to water regularly
Fruit Trees					
Pomegranate	Excellent	2 · Easy	Plant cuttings	Dec–Feb	
Olive	Excellent	2 · Easy	Plant from a pot	Dec–Feb	
Mulberry	Good	1 · Very easy	Plant from a pot	Dec–Feb	About 638 mm of rain a year; mulberry needs roughly 700 mm or more - plan to water regular...

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Avocado	Good	4 · Challenging	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; avocado needs roughly 1000 mm or more - plan to water regular...
Coffee	Good	5 · Expert	Plant from a pot	Dec–Feb	About 638 mm of rain a year; coffee needs roughly 1300 mm or more - plan to water regularl...
Grapefruit	Good	3 · Moderate	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; grapefruit needs roughly 900 mm or more - plan to water regul...
Guava	Good	1 · Very easy	Plant from a pot	Dec–Feb	About 638 mm of rain a year; guava needs roughly 1000 mm or more - plan to water regularly
Lemon	Good	2 · Easy	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; lemon needs roughly 800 mm or more - plan to water regularly
Lime	Good	2 · Easy	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; lime needs roughly 900 mm or more - plan to water regularly
Litchi	Good	5 · Expert	Plant from a pot	Dec–Feb	About 638 mm of rain a year; litchi needs roughly 1200 mm or more - plan to water regularl...
Macadamia	Good	3 · Moderate	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; macadamia needs roughly 1000 mm or more - plan to water regul...
Mango	Good	4 · Challenging	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; mango needs roughly 750 mm or more - plan to water regularly
Naartjie	Good	3 · Moderate	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; naartjie needs roughly 900 mm or more - plan to water regular...
Orange (citrus)	Good	3 · Moderate	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; orange (citrus) needs roughly 900 mm or more - plan to water...
Pecan	Good	3 · Moderate	Plant a grafted tree	Dec–Feb	About 638 mm of rain a year; pecan needs roughly 750 mm or more - plan to water regularly
Banana	With care	3 · Moderate	Plant suckers	Dec–Feb	Average temperature of 19.6 °C is too cool for banana
Pineapple	With care	4 · Challenging	Plant from a pot	Dec	Winter lows of about -1 °C are close to or below the 1 °C that damages pineapple
Pawpaw (papaya)	With care	4 · Challenging	Plant from a pot	Dec–Feb	Average temperature of 19.6 °C is too cool for pawpaw (papaya)
Berries & Vines					
Cape gooseberry	Excellent	3 · Moderate	Seedlings (sow in trays Oct)	Dec	
Granadilla (passion fruit)	Good	4 · Challenging	Plant from a pot	Dec–Feb	About 638 mm of rain a year; granadilla (passion fruit) needs roughly 1200 mm or more - pl...

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Field Crops					
Dry beans	Excellent	3 · Moderate	Sow in place	Jan–Feb	
Maize	Excellent	2 · Easy	Sow in place	Dec	
Sorghum	Excellent	2 · Easy	Sow in place	Dec	
Sunflower	Excellent	2 · Easy	Sow in place	Dec–Jan	
Soybean	Excellent	3 · Moderate	Sow in place	Jan	
Pigeon pea	Excellent	1 · Very easy	Sow in place	Dec	
Canola	Excellent	3 · Moderate	Sow in place	Feb	
Mung bean	Good	3 · Moderate	Sow in place	Dec	Typical soil pH here is 6.1; mung bean prefers 6.3-7.2. Add agricultural lime.
Sugar cane	Good	5 · Expert	Plant cuttings	Feb	About 638 mm of rain a year; sugar cane needs roughly 1100 mm or more - plan to water regu…
Cassava	With care	2 · Easy	Plant cuttings	Dec–Feb	Average temperature of 19.6 °C is too cool for cassava
Indigenous & African Crops					
Amaranth (morogo / imbuya)	Excellent	2 · Easy	Sow in place	Dec–Feb	
Bambara groundnut	Excellent	2 · Easy	Sow in place	Dec	
Num-num (amatungula)	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Spider plant (morogo)	Excellent	2 · Easy	Sow in place	Dec–Feb	
Wild garlic	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Wild medlar	Excellent	1 · Very easy	Plant from a pot	Dec–Feb	
Black nightshade (umsobo)	Excellent	2 · Easy	Seedlings (sow in trays Dec–Jan)	Jan–Feb	
Blackjack (umhlabangubo)	Excellent	2 · Easy	Sow in place	Dec–Feb	
Jew's mallow (thelele)	Excellent	2 · Easy	Sow in place	Dec–Feb	
Wild cucumber	Excellent	2 · Easy	Sow in place	Dec–Feb	
Cowpea	Excellent	2 · Easy	Sow in place	Dec–Feb	
Makataan (bitter watermelon)	Excellent	2 · Easy	Sow in place	Dec–Jan	
Bottle gourd (calabash)	Excellent	2 · Easy	Sow in place	Dec–Jan	
Mobola plum	Excellent	4 · Challenging	Plant from a pot	Dec–Feb	
Monkey orange	Excellent	3 · Moderate	Plant from a pot	Dec–Feb	
Wild plum (umgwenya)	Excellent	3 · Moderate	Plant from a pot	Dec–Feb	
Marula	Excellent	3 · Moderate	Plant a grafted tree	Dec	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Sour plum (Ximenia)	Excellent	2 · Easy	Plant from a pot	Dec–Feb	
Marama bean	Good	3 · Moderate	Sow in place	Dec–Feb	Typical soil pH here is 6.1; marama bean prefers 6.5-7.5. Add agricultural lime.
Kei apple	Good	1 · Very easy	Plant from a pot	Dec–Feb	About 638 mm of rain a year; kei apple needs roughly 700 mm or more - plan to water regula…
Baobab	Good	2 · Easy	Plant from a pot	Dec–Feb	Winter lows of about -1 °C are close to or below the 0 °C that damages baobab

Autumn · Mar–May 82 crops

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Vegetables					
Beetroot	Excellent	2 · Easy	Sow in place	Mar–May	
Chicory (radicchio, witloof)	Excellent	3 · Moderate	Sow in place	Mar–May	
Kale	Excellent	2 · Easy	Seedlings (sow in trays Feb–Apr)	Mar–May	
Kohlrabi	Excellent	2 · Easy	Seedlings (sow in trays Mar–Apr)	Apr–May	
Lettuce	Excellent	3 · Moderate	Seedlings (sow in trays Mar–Apr)	Apr–May	
Onion	Excellent	4 · Challenging	Seedlings (sow in trays Feb–Mar)	Apr–May	
Parsnip	Excellent	3 · Moderate	Sow in place	Mar–Apr	
Peas	Excellent	3 · Moderate	Sow in place	Mar–May	
Radish	Excellent	2 · Easy	Sow in place	Mar–May	
Swiss chard (spinach)	Excellent	2 · Easy	Sow in place	Mar–May	
Turnip	Excellent	2 · Easy	Sow in place	Apr–May	
Green beans (bush)	Excellent	2 · Easy	Sow in place	Mar–Apr	
Garlic	Excellent	3 · Moderate	Plant bulbs or cloves	Apr–May	
Cabbage	Excellent	3 · Moderate	Seedlings (sow in trays Feb–Apr)	Mar–May	
Celery	Excellent	4 · Challenging	Seedlings (sow in trays Feb–Mar)	Apr–May	
Broccoli	Excellent	3 · Moderate	Seedlings (sow in trays Feb–Apr)	Mar–May	
Sweet pepper	Excellent	4 · Challenging	Seedlings (sow in trays Jan)	Mar	
Baby marrow (courgette)	Excellent	3 · Moderate	Sow in place	Mar	
Gem squash	Excellent	3 · Moderate	Sow in place	Mar	
Cucumber	Excellent	3 · Moderate	Sow in place	Mar	
Carrot	Excellent	3 · Moderate	Sow in place	Mar–May	
Tomato	Excellent	4 · Challenging	Seedlings (sow in trays Feb)	Mar	
Cauliflower	Excellent	4 · Challenging	Seedlings (sow in trays Feb–Mar)	Mar–Apr	
Broad bean	Excellent	2 · Easy	Sow in place	Apr–May	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Leek	Excellent	3 · Moderate	Seedlings (sow in trays Mar)	May	
Chinese cabbage (pak choi)	Good	3 · Moderate	Seedlings (sow in trays Feb–Apr)	Mar–May	Typical soil pH here is 6.1; chinese cabbage (pak choi) prefers 6.5-7.2. Add agricultural...
Brussels sprouts	Good	5 · Expert	Seedlings (sow in trays Feb–Mar)	Apr	Temperatures are outside the range for good germination or establishment
English spinach	Good	4 · Challenging	Sow in place	Apr–May	Typical soil pH here is 6.1; english spinach prefers 6.5-7.5. Add agricultural lime.
Globe artichoke	Good	4 · Challenging	Plant crowns	Mar–May	Typical soil pH here is 6.1; globe artichoke prefers 6.5-7.0. Add agricultural lime.
Herbs					
Chamomile (German)	Excellent	2 · Easy	Sow in place	Mar–May	
Dill	Excellent	2 · Easy	Sow in place	Mar–May	
Parsley	Excellent	3 · Moderate	Sow in place	Mar–May	
Rocket	Excellent	2 · Easy	Sow in place	Mar–May	
Chives	Excellent	1 · Very easy	Plant from a pot	Mar	
Lemon balm	Excellent	1 · Very easy	Plant from a pot	Mar	
Oregano	Excellent	1 · Very easy	Plant from a pot	Mar	
Rosemary	Excellent	1 · Very easy	Plant from a pot	Mar	
Thyme	Excellent	1 · Very easy	Plant from a pot	Mar	
Sage	Good	1 · Very easy	Plant from a pot	Mar	Typical soil pH here is 6.1; sage prefers 6.5-7.5. Add agricultural lime.
Lemongrass	Good	2 · Easy	Plant from a pot	Mar	About 638 mm of rain a year; lemongrass needs roughly 700 mm or more - plan to water regul...
Rose geranium	Good	3 · Moderate	Plant cuttings	Mar	Winter lows of about -1 °C are close to or below the 0 °C that damages rose geranium
Coriander (dhania)	Good	3 · Moderate	Sow in place	Mar–May	Typical soil pH here is 6.1; coriander (dhania) prefers 6.5-7.5. Add agricultural lime.
Mint	Good	1 · Very easy	Plant from a pot	Mar	About 638 mm of rain a year; mint needs roughly 800 mm or more - plan to water regularly
Fruit Trees					
Persimmon (sharon fruit)	Excellent	2 · Easy	Plant a grafted tree	Mar	
Pomegranate	Excellent	2 · Easy	Plant cuttings	Mar	
Olive	Excellent	2 · Easy	Plant from a pot	Mar	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Mulberry	Good	1 · Very easy	Plant from a pot	Mar	About 638 mm of rain a year; mulberry needs roughly 700 mm or more - plan to water regular...
Avocado	Good	4 · Challenging	Plant a grafted tree	Mar	About 638 mm of rain a year; avocado needs roughly 1000 mm or more - plan to water regular...
Coffee	Good	5 · Expert	Plant from a pot	Mar	About 638 mm of rain a year; coffee needs roughly 1300 mm or more - plan to water regularl...
Grapefruit	Good	3 · Moderate	Plant a grafted tree	Mar	About 638 mm of rain a year; grapefruit needs roughly 900 mm or more - plan to water regul...
Guava	Good	1 · Very easy	Plant from a pot	Mar	About 638 mm of rain a year; guava needs roughly 1000 mm or more - plan to water regularly
Lemon	Good	2 · Easy	Plant a grafted tree	Mar	About 638 mm of rain a year; lemon needs roughly 800 mm or more - plan to water regularly
Lime	Good	2 · Easy	Plant a grafted tree	Mar	About 638 mm of rain a year; lime needs roughly 900 mm or more - plan to water regularly
Litchi	Good	5 · Expert	Plant from a pot	Mar	About 638 mm of rain a year; litchi needs roughly 1200 mm or more - plan to water regularl...
Macadamia	Good	3 · Moderate	Plant a grafted tree	Mar	About 638 mm of rain a year; macadamia needs roughly 1000 mm or more - plan to water regul...
Mango	Good	4 · Challenging	Plant a grafted tree	Mar	About 638 mm of rain a year; mango needs roughly 750 mm or more - plan to water regularly
Naartjie	Good	3 · Moderate	Plant a grafted tree	Mar	About 638 mm of rain a year; naartjie needs roughly 900 mm or more - plan to water regular...
Orange (citrus)	Good	3 · Moderate	Plant a grafted tree	Mar	About 638 mm of rain a year; orange (citrus) needs roughly 900 mm or more - plan to water...
Pecan	Good	3 · Moderate	Plant a grafted tree	Mar	About 638 mm of rain a year; pecan needs roughly 750 mm or more - plan to water regularly
Banana	With care	3 · Moderate	Plant suckers	Mar	Average temperature of 19.6 °C is too cool for banana
Pawpaw (papaya)	With care	4 · Challenging	Plant from a pot	Mar	Average temperature of 19.6 °C is too cool for pawpaw (papaya)
Berries & Vines					
Strawberry	Excellent	3 · Moderate	Seedlings (sow in trays Feb–Apr)	Mar–May	
Blueberry	Good	5 · Expert	Plant from a pot	Mar	Typical soil pH here is 6.1; blueberry prefers 4.2-5.2. Add compost and sulphur to lower i...

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Granadilla (passion fruit)	Good	4 · Challenging	Plant from a pot	Mar	About 638 mm of rain a year; granadilla (passion fruit) needs roughly 1200 mm or more - pl...
Field Crops					
Chickpea	Excellent	3 · Moderate	Sow in place	Mar–May	
Wheat	Excellent	4 · Challenging	Sow in place	Apr–May	
Barley	Excellent	4 · Challenging	Sow in place	Apr–May	
Oats	Excellent	3 · Moderate	Sow in place	Apr–May	
Canola	Excellent	3 · Moderate	Sow in place	Mar	
Sugar cane	Good	5 · Expert	Plant cuttings	Mar–Apr	About 638 mm of rain a year; sugar cane needs roughly 1100 mm or more - plan to water regu...
Cassava	With care	2 · Easy	Plant cuttings	Mar	Average temperature of 19.6 °C is too cool for cassava
Indigenous & African Crops					
Num-num (amatungula)	Excellent	1 · Very easy	Plant from a pot	Mar	
Spider plant (morogo)	Excellent	2 · Easy	Sow in place	Mar	
Wild garlic	Excellent	1 · Very easy	Plant from a pot	Mar	
Wild medlar	Excellent	1 · Very easy	Plant from a pot	Mar	
Mobola plum	Excellent	4 · Challenging	Plant from a pot	Mar	
Monkey orange	Excellent	3 · Moderate	Plant from a pot	Mar	
Wild plum (umgwenya)	Excellent	3 · Moderate	Plant from a pot	Mar	
Sour plum (Ximenia)	Excellent	2 · Easy	Plant from a pot	Mar	
Marama bean	Good	3 · Moderate	Sow in place	Mar	Typical soil pH here is 6.1; marama bean prefers 6.5-7.5. Add agricultural lime.
Kei apple	Good	1 · Very easy	Plant from a pot	Mar	About 638 mm of rain a year; kei apple needs roughly 700 mm or more - plan to water regula...
Baobab	Good	2 · Easy	Plant from a pot	Mar	Winter lows of about -1 °C are close to or below the 0 °C that damages baobab

Winter · Jun–Aug 85 crops

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Vegetables					
Beetroot	Excellent	2 · Easy	Sow in place	Jun–Aug	
Kohlrabi	Excellent	2 · Easy	Seedlings (sow in trays May)	Jun	
Lettuce	Excellent	3 · Moderate	Seedlings (sow in trays May)	Jun	
Peas	Excellent	3 · Moderate	Sow in place	Jun	

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Radish	Excellent	2 · Easy	Sow in place	Jun–Aug	
Swiss chard (spinach)	Excellent	2 · Easy	Sow in place	Jun–Jul	
Turnip	Excellent	2 · Easy	Sow in place	Jun	
Green beans (bush)	Excellent	2 · Easy	Sow in place	Aug	
Cabbage	Excellent	3 · Moderate	Seedlings (sow in trays May–Jun)	Jun–Jul	
Sweetcorn (green mealies)	Excellent	2 · Easy	Sow in place	Aug	
Baby marrow (courgette)	Excellent	3 · Moderate	Sow in place	Aug	
Gem squash	Excellent	3 · Moderate	Sow in place	Aug	
Cucumber	Excellent	3 · Moderate	Sow in place	Aug	
Carrot	Excellent	3 · Moderate	Sow in place	Jun–Aug	
Muskmelon (spanspek)	Excellent	3 · Moderate	Sow in place	Aug	
Pumpkin	Excellent	2 · Easy	Sow in place	Aug	
Tomato	Excellent	4 · Challenging	Seedlings (sow in trays Jul)	Aug	
Butternut	Excellent	3 · Moderate	Sow in place	Aug	
Watermelon	Excellent	3 · Moderate	Sow in place	Aug	
Leek	Excellent	3 · Moderate	Seedlings (sow in trays Apr)	Jun	
Asparagus	Good	4 · Challenging	Plant a bare-root tree	Jun–Aug	About 638 mm of rain a year; asparagus needs roughly 700 mm or more - plan to water regula...
English spinach	Good	4 · Challenging	Sow in place	Jun	Typical soil pH here is 6.1; english spinach prefers 6.5-7.5. Add agricultural lime.
Herbs					
Chamomile (German)	Excellent	2 · Easy	Sow in place	Jun–Aug	
Dill	Excellent	2 · Easy	Sow in place	Jun–Aug	
Parsley	Excellent	3 · Moderate	Sow in place	Aug	
Basil	Excellent	2 · Easy	Seedlings (sow in trays Jul)	Aug	
Rocket	Excellent	2 · Easy	Sow in place	Jun–Jul	
Chives	Excellent	1 · Very easy	Plant from a pot	Aug	
Lemon balm	Excellent	1 · Very easy	Plant from a pot	Aug	
Oregano	Excellent	1 · Very easy	Plant from a pot	Aug	
Rosemary	Excellent	1 · Very easy	Plant from a pot	Aug	
Lavender	Excellent	2 · Easy	Plant from a pot	Aug	
Thyme	Excellent	1 · Very easy	Plant from a pot	Aug	
Sage	Good	1 · Very easy	Plant from a pot	Aug	Typical soil pH here is 6.1; sage prefers 6.5-7.5. Add agricultural lime.

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Lemongrass	Good	2 · Easy	Plant from a pot	Aug	About 638 mm of rain a year; lemongrass needs roughly 700 mm or more - plan to water regul...
Rose geranium	Good	3 · Moderate	Plant cuttings	Aug	Winter lows of about -1 °C are close to or below the 0 °C that damages rose geranium
Coriander (dhania)	Good	3 · Moderate	Sow in place	Jun–Jul	Typical soil pH here is 6.1; coriander (dhania) prefers 6.5-7.5. Add agricultural lime.
Mint	Good	1 · Very easy	Plant from a pot	Aug	About 638 mm of rain a year; mint needs roughly 800 mm or more - plan to water regularly
Tea	Good	5 · Expert	Plant cuttings	Aug	About 638 mm of rain a year; tea needs roughly 1150 mm or more - plan to water regularly
Fruit Trees					
Fig	Excellent	1 · Very easy	Plant a bare-root tree	Jun–Aug	
Persimmon (sharon fruit)	Excellent	2 · Easy	Plant a grafted tree	Aug	
Pomegranate	Excellent	2 · Easy	Plant cuttings	Aug	
Olive	Excellent	2 · Easy	Plant from a pot	Aug	
Mulberry	Good	1 · Very easy	Plant from a pot	Aug	About 638 mm of rain a year; mulberry needs roughly 700 mm or more - plan to water regular...
Avocado	Good	4 · Challenging	Plant a grafted tree	Aug	About 638 mm of rain a year; avocado needs roughly 1000 mm or more - plan to water regular...
Coffee	Good	5 · Expert	Plant from a pot	Aug	About 638 mm of rain a year; coffee needs roughly 1300 mm or more - plan to water regularl...
Grapefruit	Good	3 · Moderate	Plant a grafted tree	Aug	About 638 mm of rain a year; grapefruit needs roughly 900 mm or more - plan to water regul...
Guava	Good	1 · Very easy	Plant from a pot	Aug	About 638 mm of rain a year; guava needs roughly 1000 mm or more - plan to water regularly
Lemon	Good	2 · Easy	Plant a grafted tree	Aug	About 638 mm of rain a year; lemon needs roughly 800 mm or more - plan to water regularly
Lime	Good	2 · Easy	Plant a grafted tree	Aug	About 638 mm of rain a year; lime needs roughly 900 mm or more - plan to water regularly
Litchi	Good	5 · Expert	Plant from a pot	Aug	About 638 mm of rain a year; litchi needs roughly 1200 mm or more - plan to water regularl...

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Macadamia	Good	3 · Moderate	Plant a grafted tree	Aug	About 638 mm of rain a year; macadamia needs roughly 1000 mm or more - plan to water regul...
Mango	Good	4 · Challenging	Plant a grafted tree	Aug	About 638 mm of rain a year; mango needs roughly 750 mm or more - plan to water regularly
Naartjie	Good	3 · Moderate	Plant a grafted tree	Aug	About 638 mm of rain a year; naartjie needs roughly 900 mm or more - plan to water regular...
Orange (citrus)	Good	3 · Moderate	Plant a grafted tree	Aug	About 638 mm of rain a year; orange (citrus) needs roughly 900 mm or more - plan to water...
Pecan	Good	3 · Moderate	Plant a grafted tree	Aug	About 638 mm of rain a year; pecan needs roughly 750 mm or more - plan to water regularly
Banana	With care	3 · Moderate	Plant suckers	Aug	Average temperature of 19.6 °C is too cool for banana
Pineapple	With care	4 · Challenging	Plant from a pot	Jul–Aug	Winter lows of about -1 °C are close to or below the 1 °C that damages pineapple
Pawpaw (papaya)	With care	4 · Challenging	Plant from a pot	Aug	Average temperature of 19.6 °C is too cool for pawpaw (papaya)
Berries & Vines					
Cape gooseberry	Excellent	3 · Moderate	Seedlings (sow in trays Jun)	Aug	
Raspberry	Excellent	4 · Challenging	Plant a bare-root tree	Jun–Aug	
Table grape	Excellent	3 · Moderate	Plant a bare-root tree	Jun–Aug	
Blueberry	Good	5 · Expert	Plant from a pot	Aug	Typical soil pH here is 6.1; blueberry prefers 4.2-5.2. Add compost and sulphur to lower i...
Granadilla (passion fruit)	Good	4 · Challenging	Plant from a pot	Aug	About 638 mm of rain a year; granadilla (passion fruit) needs roughly 1200 mm or more - pl...
Field Crops					
Dry beans	Excellent	3 · Moderate	Sow in place	Aug	
Maize	Excellent	2 · Easy	Sow in place	Aug	
Sorghum	Excellent	2 · Easy	Sow in place	Aug	
Sunflower	Excellent	2 · Easy	Sow in place	Aug	
Wheat	Excellent	4 · Challenging	Sow in place	Jun	
Soybean	Excellent	3 · Moderate	Sow in place	Aug	
Potato	Good	3 · Moderate	Plant tubers	Aug	Too hot for much of the growing period
Cassava	With care	2 · Easy	Plant cuttings	Aug	Average temperature of 19.6 °C is too cool for cassava
Indigenous & African Crops					

CROP	RATING	EFFORT	HOW	WHEN	WATCH OUT
Num-num (amatungula)	Excellent	1 · Very easy	Plant from a pot	Aug	
Wild garlic	Excellent	1 · Very easy	Plant from a pot	Aug	
Black nightshade (umsobo)	Excellent	2 · Easy	Seedlings (sow in trays Jul)	Aug	
Wild cucumber	Excellent	2 · Easy	Sow in place	Aug	
Bottle gourd (calabash)	Excellent	2 · Easy	Sow in place	Aug	
Wild rosemary (kapokbos)	Excellent	2 · Easy	Plant cuttings	Aug	
Mobola plum	Excellent	4 · Challenging	Plant from a pot	Aug	
Monkey orange	Excellent	3 · Moderate	Plant from a pot	Aug	
Wild plum (umgwenya)	Excellent	3 · Moderate	Plant from a pot	Aug	
Sour plum (Ximenia)	Excellent	2 · Easy	Plant from a pot	Aug	
Marama bean	Good	3 · Moderate	Sow in place	Aug	Typical soil pH here is 6.1; marama bean prefers 6.5-7.5. Add agricultural lime.
Kei apple	Good	1 · Very easy	Plant from a pot	Aug	About 638 mm of rain a year; kei apple needs roughly 700 mm or more - plan to water regula...
Baobab	Good	2 · Easy	Plant from a pot	Aug	Winter lows of about -1 °C are close to or below the 0 °C that damages baobab

Not recommended here

Amadumbe (taro), Apple, Apricot, Black pepper, Buchu (round-leaf), Cashew nut, Cherry, Coconut palm, Honeybush, Nectarine, Peach, Pear, Plum, Rhubarb, Rooibos.

About this report. FarmBoss models one area of about 1 km² around this point. Climate: CHELSA 1981–2010, corrected to TerraClimate 1991–2020. Soil: ISRIC SoilGrids. Terrain: Copernicus DEM. Crop requirements: South African Department of Agriculture production guidelines and other sources cited on each crop page. Your own garden can differ: microclimate, shade and soil vary over short distances, so a simple soil test is always worth it.

Online version, with every crop's reasons and planting calendar: https://farmboss.co.za/place/hebron-local-municipality-of-madibeng-997197