

CHERRIES

Crop	Soil Depth	Depth to sodic layer	pH of top 15cm (H ₂ O)	EC TBC dS/m	Texture (top 15cm - % clay)	Drainage	Stoniness (top 15cm)	Slope	Frost In early bloom 1 st Oct – 30 th Oct No days where Min Screen Temp is less than -2°C	Frost - After fruit set - harvest 1 st Nov – 14 th Feb No days where Min Screen Temp is less than -0C	Mean max monthly temp	Ave daily max temp during flowering 1 st Oct-15 th Nov	Daily max temp during ripening 8 th Dec-14 th Feb No days where max temp is >35°C	Growing season (GDD) Oct-Apr Base temp 10°C	Chill hours at temps between 2°C and 12°C May-August
W	>40cm	No sodic layer	6.5-7	< 1		Well drained	<10% <=2	3-10%	More than 4 years in 5	More than 4 years in 5	10-28°C	>13°C, <20°C	More than 4 years in 5	Cherries > 800 DD (Oct – April)	>700 hrs
S	30-40cm	>1m	6.0-6.5 7.0-7.5	1–2		Well drained	10-20% 3	<3 10-15%	3/5 to 4/5	3/5 to 4/5	10-28°C	11-13°C	3/5 to 4/5	750-800 DD	>700 hrs
MS	20 -30 cm	>0.5m	5.5-6.0 7.5-8.0	2–6		Moderately well drained	20-35% 4	15-20%	2/5 to 3/5	2/5 to 3/5	8-10 and 28-30°C	9-11°C	2/5 to 3/5		>700 hrs
U	<20cm	>30cm	<5.5 >8.0	>6		Imperfectly drained, Poorly drained, V poorly drained	>35% >4	>20%	Less than 2 years in 5	Less than 2 years in 5	<8°C and >30°C	<9°C	Less than 2 years in 5	<750	<700 hrs

Well suited (W): Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level. Any risk of crop loss is inherently low or can be easily overcome with management practices that are easy and cheap to implement.

Suitable (S): Land having limitations which are moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on Class S1 land. Risk of crop loss is moderately high or requires management practices that are difficult or costly to implement.

Marginally Suitable (MS): Land having limitations which are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified. Risk of crop loss may be high.

Unsuitable (U): Land which has qualities that appear to preclude sustained use of the kind under consideration.