

Potatoes

Suitability class	Soil clay content (top 15 cm)	Soil Depth (Depth to heavy clay)	pH H ₂ O (top 15cm)	ECse* (top 15 cm)	Drainage	Stoniness (stones> 60 mm in the top 15 cm)	Slope	Temperature (Any day 1 st Nov to 30 th Feb with T _{min} < 0°C)	Temperature (Any day 1 st Nov to 30 th Feb with T _{min} > 20°C)
W	> 25 %	> 25cm	> 5.0	< 1.2	Well	< 2 % 1	< 10 %	<1 year in 5	<1 year in 5
S	> 5 %	> 25cm	> 5.0	1.2-2.0	Excessive; Mod Well	2 - 10 % 2	10 - 25 %	1/5 to 2/5	1/5 to 2/5
MS	< 5 %	15-25cm	> 5.0	2.0-4.0	Imperfect	10-20 % 3	10 - 25 %	2/5 to 3/5	>2/5
U	< 5 %	< 15cm	< 5.0	> 4.0	Poor; very poor	> 20% >=4	>25%	>3/5	

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.