

BARLEY

Crop	Soil Depth	Depth to sodic layer	pH of top 15cm (H2O)	EC (top 15 cm)	Texture (top 15cm - % clay)	Drainage	Stoniness (top 15cm) Stone class	slope	Frost
W	>40cm	>30	>=6	<4	Any (not sand) >8.5%	Well Mod Well Excess Well	<10% <=2 (>200mm)	<5%	At least 1 day where $T_{min} < 0^{\circ}C$ @ flowering (December) – occurs <1/5 years.
S	>40cm	20-30	5.5-<6	4-8	>8.5%	Imperfect	10-20% 3 (>200mm)	5-25%	At least 1 day where $T_{min} < 0^{\circ}C$ @ flowering (December) – occurs 1/5-3/10 years
MS	>40cm	<20	5-<5.5	8-16	S Sand <8.5%	Imperfect	10-20% 3 (>200mm)	5-25%	At least 1 day where $T_{min} < 0^{\circ}C$ @ flowering (December) – occurs 3/10-2/5 years
U	<40	<20	<5	>16	<8.5%	Poor, very poor	>20% >=4 (>200mm)	>25%	At least 1 day where $T_{min} < 0^{\circ}C$ @ flowering (December) – occurs >2/5 years.

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