

Table 1

SOIL PROPERTIES

QUEBEC WEEDS (● noxious weeds)	Structure	Texture	Moisture	Tillage	Reaction (pH)	Fertility	Nitrogen	Potassium	Phosphorus	Salinity
agrimony			D							
aster, swamp			W							
bellflower, creeping					L					
● bindweed, field	H	S	W					k	p	
bindweed, hedge					A					
bracken, Eastern				T						
buttercups										
buttercup, creeping		C	W							
● campion, bladder					L					
carpetweed				T			f			
carrot, wild		S		U	L					
● catchfly, nightflowering			D							
celandine				T						
chamomile, corn	H		W		L			k		
● chickweed				T			F			
● chicory		C		T			F			
● cinquefoil, silvery			D		A					
clovers					A		n			
clover, hop					A					
clover, rabbit-foot		S	D		A					
clover, red								K		
clover, white sweet			D	U			f			
cockle, white		S								
colt's-foot		C	W		A					
cornflower		S								
cornflower (flower: blue)					L					
cornflower (flower: pink)					A					
cotton grasses			W							
cudweed, low			W							
daisy, English		C			A*					
● daisy, ox-eye			W	U	A		f			
dandelion		C		T	A*					
● docks			W		A					
● dock, broad-leaved		C								
foxtail, shord-awned			W							
fumitory								K		
● goldenrods		S	W							
goosefoot, oak-leaved				T						
grass, quack	H						F			
groundsel, common				T						
● hawkweeds					A					
hedge-nettle, marsh			W							
hellebore, false			W							
hemlock, poison			W							
henbane, black					L		F			
henbit				T						
horsebound, common				T						
horsetails					A					
horsetail, field		S								
horsetail, marsh			W							

KEY

1. Names used are those listed in Ferron, and Cayonette (1975).

Structure

H — Hardpan and/or crusty surface

Texture

S — sand/light

C — clay/heavy

Moisture

D — Dry, often with thin topsoil

W — wet, waterlogged or poorly drained

Reaction (pH)

A — acid or low lime

A* — especially on lawns

L — high lime

Fertility (general)

f — low fertility and/or humus (especially if weeds pale and stunted)

F — high fertility and/or humus (however, if weeds are pale and stunted then fertility is low)

Tillage

T — tilled/cultivated

U — uncultivated/neglected

Nitrogen

n — low nitrogen

N — high nitrogen

Potassium

k — low potassium

K — high potassium

Phosphorus

p — low phosphorus

P — high phosphorus

Salinity

s — saline tolerant species

SOIL PROPERTIES

QUEBEC WEEDS (●noxious weeds)	Structure	Texture	Moisture	Tillage	Reaction (pH)	Fertility	Nitrogen	Potassium	Phosphorus	Salinity
joe-pye weed			W							
knapweeds					A			K		
knawel					A					
●knotweed, prostrate				T	A					
lady's thumb			W		A					
●lamb's quarters				T		F				
●lettuce, prickly				T						
mallow, musk				T						
mare's-tail			W							
mayweed, stinking		C	W		A					
meadowsweet, broad-leaved			W				n			
medic, black										
mosses			W							
mugwort				U		f				
mullein, common				U	A	f				
●mustards	H									
●mustard, hare's-ear					L					
●mustard, white					L					
●mustard, wild			D							
●mustard, wormseed					L					
nettles				T	A					
pansy, wild					A*					
parsnip, wild				U		f				
pepper grass, field					L					
pigweed, prostrate			D							
●pigweed, redroot	H			T						
pineappleweed										
plantains		C	W	T	A*					
radish, wild				U	A	f				
ragwort, tansy			W							
rape							n			
rape, bird	H									
robin, ragged			W							
rushes			W							
sedges			W							
shepherd's purse										s
silverweed			W							
smartweeds			W							
sorrel, garden			W		A					
●sorrel, sheep		S			A					
●sow-thistle, annual		C								
sow-thistle, perennial			W		L					
speedwell, common			D							
speedwell, field				T						
speedwell, thyme-leaved			W							
spurge, leafy			D							
spurges, (some)				T						
●spurry, corn		S			A					
●stinkweed	H				L					
strawberries, wild					A					
sundews					A					
thistle, Canada		C								
thistle, nodding					L					
thistle, Russian			D							s
toadflax		S								
vetches							n			
water-hemlock, spotted			W							
wormwood, biennial				U		f		K		
yarrow								k		