



Soil type

Dearfield

File No.

6

Soil type Dearfield Date 7-8-76 Stop No.Classification Aquic Urtisol Area HopkintonLocation Near Narragansett Electric across from privateN. veg. (or crop) Sweet Pepper Bush - High Bush ClimateParent material Global Outwash

Physiography

Relief Drainage Moderate Salt or alkaliElevation Gr. water Stoniness < 2%Slope 0-3% MoistureAspect Root distrib. CC % Clay * ?Erosion % Coarse fragments * 5% in IC₂ % Coarser than V.F.S. *

Permeability

Additional notes Fe concretions in IC₂Samples 11+12Inclusion
IC₂ texture out of range

* Control section average

SOIL DESCRIPTION

SCS-Soils-232D, Rev. 12-70

USDA-SCS

Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Bound-ary
		Moist Dry	Moist			Dry	Moist	Wet		
O ₁	2-1									
O ₂	1-0									
A _p	0-5	-	7.5 YR 2/0	ls	wf sbk	Common	vfr	-	4.8	as
A ₂	5-7	-	10 YR 6/2	ls	wf sbk	Common	vfr	-	4.8	as
B ₂₁	7-23	11	10 YR 5/6	ls	wf sbk	few	vfr	-	5.4	gw
B ₂₂	23-28	1 F D	10 YR 5/6	ls	wf sbk	-	vfr	-	5.4	cv
IC ₁	28-34	-	10 YR 8/4	CoarS	structure	-	sg	5%	5.2	ow
IC ₂	34-40	12 many prom	7.5 YR 5/4	ls	structure	-	sg	5%	5.2	

notes:

Fe concretions in IC₂

veg. - Sweet Pepper Bush, High Bush Blueberry

white oak, Red Maple

Soil type		Warfield	Date	10/14/77	Stop
Classification			Area		
Location		187 Empire Trail, Northport, RI. Edward Bergen		Elev.	
N. veg. (or crop)		Brush + shrubs		Climate	
Parent material					
Physiography					
Relief		Drainage		Salt or alkali	
Elevation		Gr. water		Stoniness	
Slope		Moisture			
Aspect		Root distrib.			
Erosion					
Permeability					
Additional notes					
pit 2 - picture 10 - pit 3 - picture 11 - pit 4 - picture 12 -					
pit 1 - picture 8 pit 2 - picture 9 pit 3 - picture 11 - Excavated over ground till 3' pit 4 - picture 12 - transport to SL					

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Horizon	Depth	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
B1	0-7"	black	2.5y 2/0	loam	1gr,		ft,			
B21	0-9"	dark brown	7.5y 3/2	vsl	1cm,		sr,			
B22	9-18"	light olive brown	2.5y 5/4	LSS						
Bir.	18-30	red	2.5y 3/6				firm			14-28 wtg
		few gray mottles above								
C1	30-48	mottled	10yR 4/2	LSS.	-		ft.			

Soil type	Deerfield 1fs		Date	4/19/76	Stop No.	1
Classification	Aquic Udipsammments		Area	Carolina Block, R. I.		
Location	1/2 mile ^{EAST} west of Rt. 112 off private road photo J-58		Elev.	90 Ft.		
N. veg. (or crop)	Winter Rye		Climate			
Parent material	Outwash plains - sands					
Physiography	Depressional Areas in outwash areas					
Relief	Concave	Drainage	MWD	Salt or alkali	-	
Elevation		Gr. water	Deep (75 Ft.)	Stoniness	-	
Slope	0-1%	Moisture	Moist			
Aspect		Root distrib.	A ₁ - many fine; B ₂ - common fine & med. B ₃ - few fine; C - few, fine			
Erosion	0					
Permeability	Very Rapid					
Additional notes	Tongues of A ₁ basically throughout B ₂₁ horizon. This field has been heavily manured (including green manure) for many years to build up this thick A ₁ and tonguing into B ₂₁ horizon.					

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 Deerfield 1s

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Horizon	Depth (inches)	Color		Texture	Structure	Consistence			Reaction	Boundary
		Dry	Moist			Dry	Moist	Wet		
Ap	0-12		10YR 2/1	ls	very ifgr		vfr		5.4	as
B21	12-18		10YR 4/4	ls	very ifgr		vfr		5.6	cw
B22	18-24	c2d 7.5YR 4/4	10YR 5/4	ls	very ifgr		vfr		5.6	cw
B3	24-34	m2d & p 7.5YR 4/4	2.5Y 5/4	fs	sg		loose		5.6	cw
C	34-54	(f1f 5Y 6/2 m2d 10YR 4/4)	5Y 4/3	fs	sg		loose		5.4	aw

Soil type Deer Field LOAMY SAND		Date 8/2/76	Stop No.
Classification		Area S. KINGSTOWN	
Location 200' N. OF Pt. 2000 SW OF Rt. 110' ON SHANNOLK Rd.			Elev.
N. veg. (or crop) - grasses		Climate	
Parent material outwash			
Physiography			
Relief NEARLY level	Drainage Mod. well	Salt or alkali	
Elevation	Gr. water 33"	Stoniness	
Slope 0-3%	Moisture		
Aspect N.	Root distrib.	% Clay *	
Erosion	% Coarse fragments *	% Coarser than V.F.S.*	
Permeability			
Additional notes			
DITZLER			

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