

WATER INFILTRATION INTO SOIL

		<i>WATER INFILTRATION INTO SOIL</i>		SOIL WATER HOLDING CAPACITY				DRAINAGE - WATER MOVEMENT THROUGH ENTIRE PROFILE			
<i>SOIL SERIES</i>	<i>SURFACE SOIL TEXTURE</i>	<i>RATE OF WATER INFILTRATION (based on surface soil texture)</i>	<i>RATE OF WATER INFILTRATION (in/hr)</i>	<i>SOIL WATER HOLDING CAPACITY</i>	<i>AVERAGE INCHES OF WATER/ INCH OF SOIL AT FIELD CAPACITY</i>	<i>GRAPE ROOTING DEPTH (36 inches or max of A and B soil profile depth) inches</i>	<i>AVAILABLE WATER WITHIN ROOTING DEPTH (inches)</i>	<i>HYDRO-LOGIC SOIL GROUP</i>	<i>RATE OF WATER FLOW THROUGH THE SOIL PROFILE (in/hr)</i>	<i>LEACHING RISK</i>	<i>DRAINAGE CLASS</i>
Morley	Silty Clay	Slow	0.08-0.2	Medium	0.13	27	3.60	D	0-0.04	Very Low	Poorly drained
Toldeo	Silty Clay	Slow	0.08-0.2	Medium	0.13	22	2.93	D	0-0.04	Very Low	Poorly drained
Jeddo	Clay Loam	Medium	0.15-0.3	High	0.17	19	3.17	D	0-0.04	Very Low	Poorly drained
Beverly	Silty Clay Loam	Medium	0.15-0.3	High	0.17	26	4.33	C	0.04-0.16	Low	Imperfectly drained
Chingua-cousy	Clay Loam	Medium	0.15-0.3	High	0.19	16	3.00	C	0.04-0.16	Low	Imperfectly drained
Tavistock	Loam	Fast	0.3-0.5	Medium	0.15	28	4.08	C	0.04-0.16	Low	Imperfectly drained
Vineland	Very Fine Sandy Loam	Fast	0.3-0.5	Low	0.10	33	3.44	B	0.16-0.32	Medium	Imperfectly drained
Grimsby	Very Fine Sandy Loam	Fast	0.3-0.5	Low	0.10	36	3.75	A	0.3-0.5	High	Well drained