

Field Office Technical Guide Soils Information (FL)

FL109: St. Johns County, Florida

Map symbol and soil name	Pct. of unit	Hyd group	Kf	T factor	WE G	Slope Percent	Hydric ?	Farm Class:	FL PHE:	FL HE:	Ecological Group	Forage Suitability Group ID:	LCU	FL Triumph:	FL Temik:	FL Pot. Leach	FL Pot. Runoff
1: Adamsville fine sand									MLRA: 155, Southern Florida Flatwoods								
Adamsville	85	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU077FL	3w	No	No	High	Medium
2: Astatula fine sand, 0 to 8 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Astatula	85	A	.10	5	1	0 to 8	No	Not prime farmland	No	No	3	G155XU192FL	6s	No	No	High	Low
3: Myakka fine sand									MLRA: 155, Southern Florida Flatwoods								
Myakka, nonhydic	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Medium	High
Myakka, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Medium	High
4: Myakka fine sand, depressional									MLRA: 155, Southern Florida Flatwoods								
Myakka, depressional	90	D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	22/25	G155XU800FL	7w	Yes	Yes	Medium	High
5: St. Johns fine sand, depressional									MLRA: 155, Southern Florida Flatwoods								
St. Johns, depressional	85	D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	12/25	G155XU800FL	7w	Yes	Yes	Medium	High
6: Tavares fine sand, 0 to 5 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Tavares	85	A	.10	5	1	0 to 5	No	Not prime farmland	No	No	4	G155XU142FL	3s	No	No	High	Low
7: Immokalee fine sand									MLRA: 155, Southern Florida Flatwoods								
Immokalee, nonhydic	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU013FL	4w	Yes	Yes	Medium	High
Immokalee, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU013FL	4w	Yes	Yes	Medium	High
8: Zolfo fine sand									MLRA: 155, Southern Florida Flatwoods								
Zolfo	90	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	11	G155XU077FL	3w	Yes	Yes	Medium	Medium
9: Pomona fine sand									MLRA: 155, Southern Florida Flatwoods								
Pomona, nonhydic	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Low	High
Pomona, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Low	High
11: Smyrna fine sand									MLRA: 155, Southern Florida Flatwoods								
Smyrna, nonhydic	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU013FL	4w	Yes	Yes	Medium	High
Smyrna, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU013FL	4w	Yes	Yes	Medium	High

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12: Ona fine sand									MLRA: 155, Southern Florida Flatwoods								
Ona, nonhydric	65	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU002FL	3w	Yes	Yes	Medium	High
Ona, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU002FL	3w	Yes	Yes	Medium	High
13: St. Johns fine sand									MLRA: 155, Southern Florida Flatwoods								
St. Johns, hydric	60	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Medium	High
St. Johns, nonhydric	30	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Medium	High
14: Cassia fine sand									MLRA: 155, Southern Florida Flatwoods								
Cassia	80	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	3	G155XU077FL	6s	Yes	Yes	Medium	Medium
15: Pomello fine sand, 0 to 5 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Pomello	85	C	.10	5	1	0 to 5	No	Not prime farmland	No	No	3	G155XU130FL	6s	Yes	Yes	Medium	Medium
16: Orsino fine sand, 0 to 5 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Orsino	90	A	.10	5	1	0 to 5	No	Not prime farmland	No	No	3	G155XU142FL	4s	No	No	High	Low
18: Floridana fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Floridana, frequently flooded	80	D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	21	G155XU800FL	5w	Yes	Yes	Low	High
19: Pompano fine sand									MLRA: 155, Southern Florida Flatwoods								
Pompano, nonhydric	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	No	Yes	High	High
Pompano, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	4w	No	Yes	High	High
21: Wabasso fine sand									MLRA: 155, Southern Florida Flatwoods								
Wabasso	85	B/D	.10	4	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Low	High
22: Manatee fine sandy loam, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Manatee	85	D	.20	5	3	0 to 2	Yes	Not prime farmland	No	No	21	G155XU800FL	5w	Yes	Yes	Low	High
23: Paola fine sand, 0 to 8 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Paola	90	A	.10	5	1	0 to 8	No	Not prime farmland	No	No	3	G155XU192FL	6s	No	No	High	Low
24: Pellicer silty clay loam, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Pellicer	90	D	.32	5	4	0 to 1	Yes	Not prime farmland	No	No	18	G155XU201FL	8	Yes	Yes	Low	High

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25: Parkwood fine sandy loam, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Parkwood	90	B/D	.15	4	3	0 to 2	Yes	Not prime farmland	No	No	21	G155XU201FL	5w	Yes	Yes	Low	High
26: Samsula muck									MLRA: 155, Southern Florida Flatwoods								
Samsula	90	B/D		2	2	0 to 1	Yes	Not prime farmland	No	No	17/22	G155XU850FL	4w	Yes	Yes	Medium	High
27: St. Augustine fine sand									MLRA: 155, Southern Florida Flatwoods								
St. Augustine	95	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU076FL	7s	No	Yes	High	Medium
28: Beaches									MLRA: 155, Southern Florida Flatwoods								
Beaches	95	D		---	---	1 to 3	Unranked	Not prime farmland	No	No	---	G155XU900FL	8	No	No	High	High
29: Satellite fine sand									MLRA: 155, Southern Florida Flatwoods								
Satellite	90	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	2	G155XU077FL	6s	No	No	High	Low
30: Wesconnett fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Wesconnett	90	D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	17/21	G155XU800FL	6w	Yes	Yes	Medium	High
31: Fripp-Satellite complex									MLRA: 155, Southern Florida Flatwoods								
Fripp	55	A	.10	5	1	8 to 15	No	Not prime farmland	No	Yes	---	G155XU195FL	7s	No	No	High	Low
Satellite	30	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	2	G155XU077FL	6s	No	No	High	Low
32: Palm Beach sand, 0 to 5 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Palm Beach	90	A	.10	5	1	0 to 5	No	Not prime farmland	No	No	2	G155XU192FL	7s	No	No	High	Low
33: Jonathan fine sand									MLRA: 155, Southern Florida Flatwoods								
Jonathan	90	B	.10	5	1	0 to 2	No	Not prime farmland	No	No	3	G155XU139FL	6s	Yes	Yes	Low	Medium
34: Toco fine sand									MLRA: 155, Southern Florida Flatwoods								
Tocoi, nonhydric	65	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XUFL	3w	Yes	Yes	Medium	Medium
Tocoi, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XUFL	3w	Yes	Yes	Medium	Medium
35: Hontoon muck									MLRA: 155, Southern Florida Flatwoods								
Hontoon	90	B/D		3	2	0 to 1	Yes	Not prime farmland	No	No	22	G155XU850FL	3w	Yes	Yes	Medium	High

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36: Riviera fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Riviera, frequently flooded	85	C/D	.10	4	1	0 to 1	Yes	Not prime farmland	No	No	8/12	G155XU800FL	5w	Yes	Yes	Low	High
38: Pits									MLRA: 155, Southern Florida Flatwoods								
Pits	100	---		---	8	1 to 4	No	Not prime farmland	No	No	---	G155XU900FL	---	No	No	Medium	High
40: Pottsburg fine sand									MLRA: 155, Southern Florida Flatwoods								
Pottsburg, nonhydric	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XT003FL	4w	Yes	Yes	Medium	High
Pottsburg, hydric	20	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XT003FL	4w	Yes	Yes	Medium	High
41: Tomoka muck									MLRA: 155, Southern Florida Flatwoods								
Tomoka	80	B/D		2	8	0 to 1	Yes	Not prime farmland	No	No	21/25	G155XU850FL	3w	Yes	Yes	Medium	High
42: Bluff sandy clay loam, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Bluff	85	D		5	2	0 to 1	Yes	Not prime farmland	No	No	21	G155XU850FL	5w	Yes	Yes	Low	High
44: Sparr fine sand, 0 to 5 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Sparr	85	C	.10	5	1	0 to 5	No	Not prime farmland	No	No	11	G155XU080FL	3w	Yes	Yes	Medium	Medium
45: St. Augustine fine sand, clayey substratum									MLRA: 155, Southern Florida Flatwoods								
St. Augustine, clayey substratum	90	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU076FL	7s	Yes	Yes	High	Medium
46: Holopaw fine sand									MLRA: 155, Southern Florida Flatwoods								
Holopaw, nonhydric	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Medium	High
Holopaw, hydric	15	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Medium	High
47: Holopaw fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Holopaw, frequently flooded	90	D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	17	G155XU003FL	6w	Yes	Yes	Medium	High
48: Winder fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Winder, frequently flooded	85	B/D	.10	4	1	0 to 2	Yes	Not prime farmland	No	No	12	G155XU001FL	5w	Yes	Yes	Low	High

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49: Moultrie fine sand, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Moultrie	90	D	.10	5	1	0 to 1	Yes	Not prime farmland	No	No	18	G155XU800FL	8	Yes	Yes	Medium	High
50: Narcoossee fine sand, shelly substratum									MLRA: 155, Southern Florida Flatwoods								
Narcoossee	90	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	2	G155XUFL	3w	No	Yes	High	Medium
51: St. Augustine-Urban land complex									MLRA: 155, Southern Florida Flatwoods								
St. Augustine	55	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU076FL	7s	No	Yes	High	Medium
Urban land	35	---		---	---	0 to 2	Unranked	Not prime farmland	---	---	---	G155XU900FL	---	---	---	---	---
52: Durbin muck, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Durbin	90	D		3	2	0 to 1	Yes	Not prime farmland	No	No	18	G155XU850FL	8	Yes	Yes	Medium	High
53: Immokalee-Urban land complex									MLRA: 155, Southern Florida Flatwoods								
Immokalee, nonhydic	50	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU013FL	4w	Yes	Yes	Medium	High
Urban land	35	---		---	---	0 to 2	Unranked	Not prime farmland	---	---	---	G155XU900FL	---	---	---	---	---
Immokalee, hydric	5	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	---	G155XU013FL	4w	Yes	Yes	Medium	High
54: Astatula-Urban land complex									MLRA: 155, Southern Florida Flatwoods								
Astatula	50	A	.10	5	1	0 to 8	No	Not prime farmland	No	No	---	G155XU192FL	7s	No	No	High	Low
Urban land	40	---		---	---	0 to 8	Unranked	Not prime farmland	---	---	---	G155XU900FL	---	---	---	---	---
55: Arents, 0 to 2 percent slopes									MLRA: 155, Southern Florida Flatwoods								
Arents	100	B	.17	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU900FL	7s	Yes	Yes	High	Low
57: Adamsville variant fine sand									MLRA: 155, Southern Florida Flatwoods								
Adamsville variant	90	C	.10	5	1	0 to 2	No	Not prime farmland	No	No	---	G155XU077FL	3w	No	No	High	Medium
58: EauGallie fine sand									MLRA: 155, Southern Florida Flatwoods								
EauGallie, nonhydic	70	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Low	High
EauGallie, hydric	15	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	4w	Yes	Yes	Low	High
61: Riviera fine sand, depressional									MLRA: 155, Southern Florida Flatwoods								
Riviera, depressional	90	D	.10	4	1	0 to 1	Yes	Not prime farmland	No	No	25	G155XU800FL	7w	Yes	Yes	Low	High

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62: Floridana fine sand									MLRA: 155, Southern Florida Flatwoods								
Floridana, hydric	50	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	12	G155XU002FL	3w	Yes	Yes	Low	High
Floridana, nonhydric	40	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	12	G155XU002FL	3w	Yes	Yes	Low	High
Floridana, depressional	10	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	12	G155XU002FL	3w	Yes	Yes	Low	High
63: Placid fine sand									MLRA: 155, Southern Florida Flatwoods								
Placid	85	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	22	G155XU003FL	3w	No	No	High	High
64: Ellzey fine sand									MLRA: 155, Southern Florida Flatwoods								
Ellzey, nonhydric	60	B/D	.10	5	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Medium	High
Ellzey, hydric	30	B/D	.10	5	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Medium	High
65: Riviera fine sand									MLRA: 155, Southern Florida Flatwoods								
Riviera, nonhydric	60	C/D	.10	4	1	0 to 2	No	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Low	High
Riviera, hydric	25	C/D	.10	4	1	0 to 2	Yes	Not prime farmland	No	No	6	G155XU003FL	3w	Yes	Yes	Low	High
66: Terra Ceia muck, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Terra Ceia	90	D		3	2	0 to 1	Yes	Not prime farmland	No	No	21	G155XU850FL	7w	Yes	Yes	Medium	High
67: Tisonia mucky peat, frequently flooded									MLRA: 155, Southern Florida Flatwoods								
Tisonia	85	D		2	5	0 to 1	Yes	Not prime farmland	No	No	18	G155XU850FL	8	Yes	Yes	Low	High
68: Winder fine sand									MLRA: 155, Southern Florida Flatwoods								
Winder	85	C/D	.10	4	1	0 to 1	Yes	Not prime farmland	No	No	6	G155XU001FL	3w	Yes	Yes	Low	Medium
69: Bakersville muck									MLRA: 155, Southern Florida Flatwoods								
Bakersville	100	D		5	2	0 to 2	Yes	Not prime farmland	No	No	17	G155XU850FL	6w	Yes	Yes	Medium	High
99: Water									MLRA: 155, Southern Florida Flatwoods								
Water	100	---		---	---	---	Unranked		---	---	---	Not assigned	---	---	---	---	---
100: Waters of the Atlantic Ocean									MLRA: 155, Southern Florida Flatwoods								
Water	100	---		---	---	---	Unranked		---	---	---	Not assigned	---	---	---	---	---