

Table 3. Initial soil fertility using Mehlich-3 extraction. Cation exchange capacity was estimated from the measured cations.

County	CEC	pH	P ^X	K ^X	Ca	Mg	S	B	Fe	Zn	Mn	Cu
	Meq/100 g		-----mg kg ⁻¹ -----									
Osceola ^Z	8.51	4.9	19	22	790	49	8	0.44	60	0.3	1	0.4
Orange ^Y	7.44	5.7	817	13	787	33	17	0.35	153	17	7	14
Columbia	5.40	6.4	63	14	602	43	7	0.24	72	1.7	22	0.4
Gulf	4.87	5.0	91	20	220	30	16	0.15	123	3.3	33	0.7

^ZOsceola site was initiated and sampled in 2016. Other sites were initiated in 2019.

^YOrange county site had been impacted by several years of Class B biosolids applications, resulting in greater than expected P, Zn, and Cu.

^XUF-IFAS soil test lab interpretation for Mehlich-3 extractable P: low ≤25, medium 26-45, and high>45; and for K: low≤35, medium 36-60, and high>60 (Mylavarapu et al., 2021).