Three SuperSour Rootstocks Released by USDA in 2018
Kim.Bowman@ars.usda.gov

US SuperSour 1 (SS1)
- Selection from a cross of pummelo × Cleopatra mandarin.
- Superior performance with sweet orange on the ridge and East coast flatwoods.
- Induction of superior scion yield and good scion fruit quality in presence of HLB.
- Released by USDA on 2 November 2018. Clean plant material available; no restrictions.

US SuperSour 2 (SS2)
- Selection from a cross of trifoliate × (Sour orange × ichangensis).
- Superior performance with sweet orange on the ridge.
- Induction of superior scion yield and good scion fruit quality in presence of HLB.
- Released by USDA on 2 November 2018. Clean plant material available; no restrictions.

Table 1. Yield of Hamlin on **SS1** and **SS2** in a RCB trial in Lake County. Trees planted in 2011.

	Fruit yield per tree (as percent of yield on Sour orange)			
Rootstock	2015	2016	2017	Cumulative
SuperSour 2	67	292	166	192
SuperSour 1	44	192	200	138
Swingle	44	183	233	125
Sour orange	100	100	100	100
Ridge	100	58	33	71
Cleopatra	67	83	33	71

US SuperSour 3 (SS3)
- Selection from a cross of Sunki mandarin × [US-802].
- Superior performance with sweet orange on the East coast flatwoods.
- Induction of superior scion yield and good scion fruit quality in presence of HLB.
- Released by USDA on 2 November 2018. Clean plant material available; no restrictions.

Table 2. Yield of Valencia on **SS3** and **SS1** in a RCB trial in St Lucie County. Trees planted in 2014.

	Fruit yield per tree (as percent of yield on Sour orange)		
Rootstock	2017	2018	Cumulative
SuperSour 3	415	186	239
SuperSour 1	138	146	141
Sour orange	100	100	100
Swingle	100	100	98
Ridge	108	57	69
Cleopatra	62	68	65