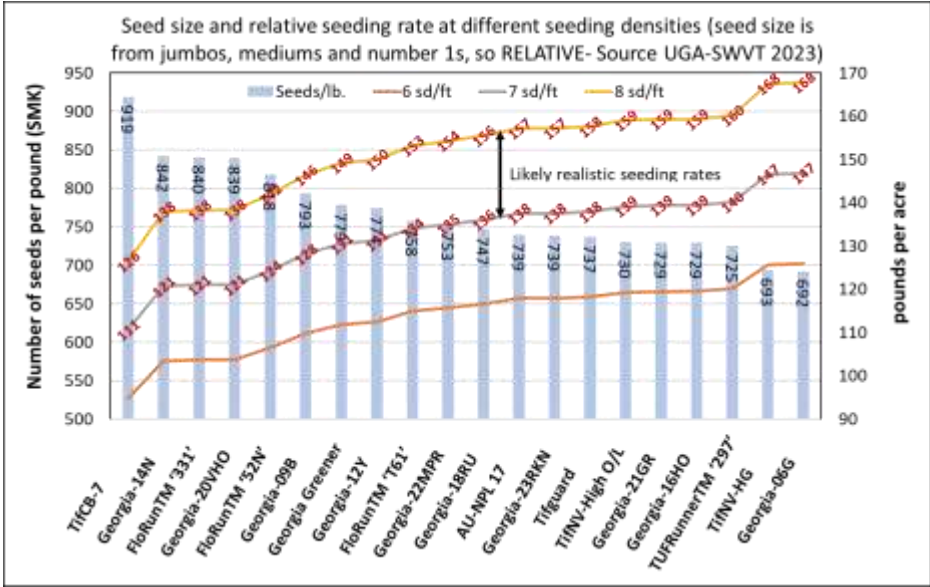
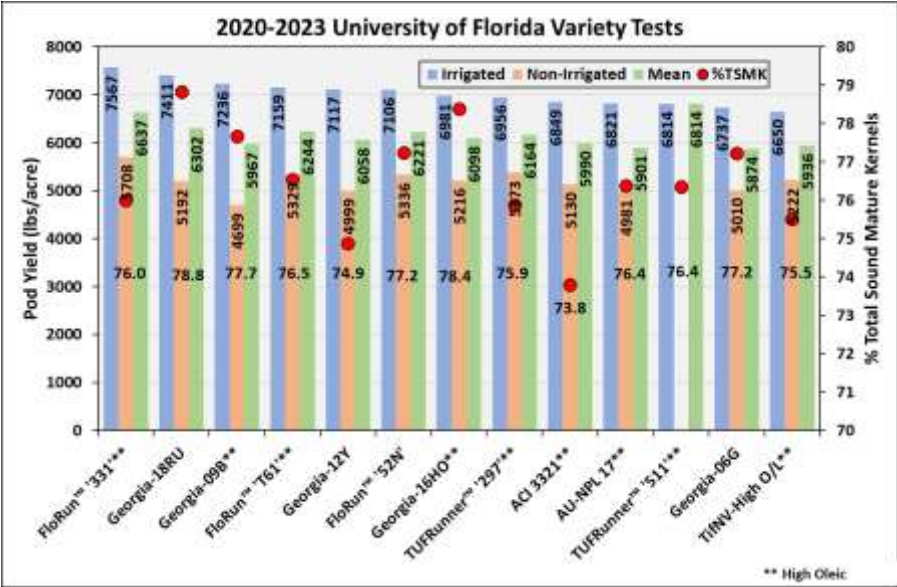


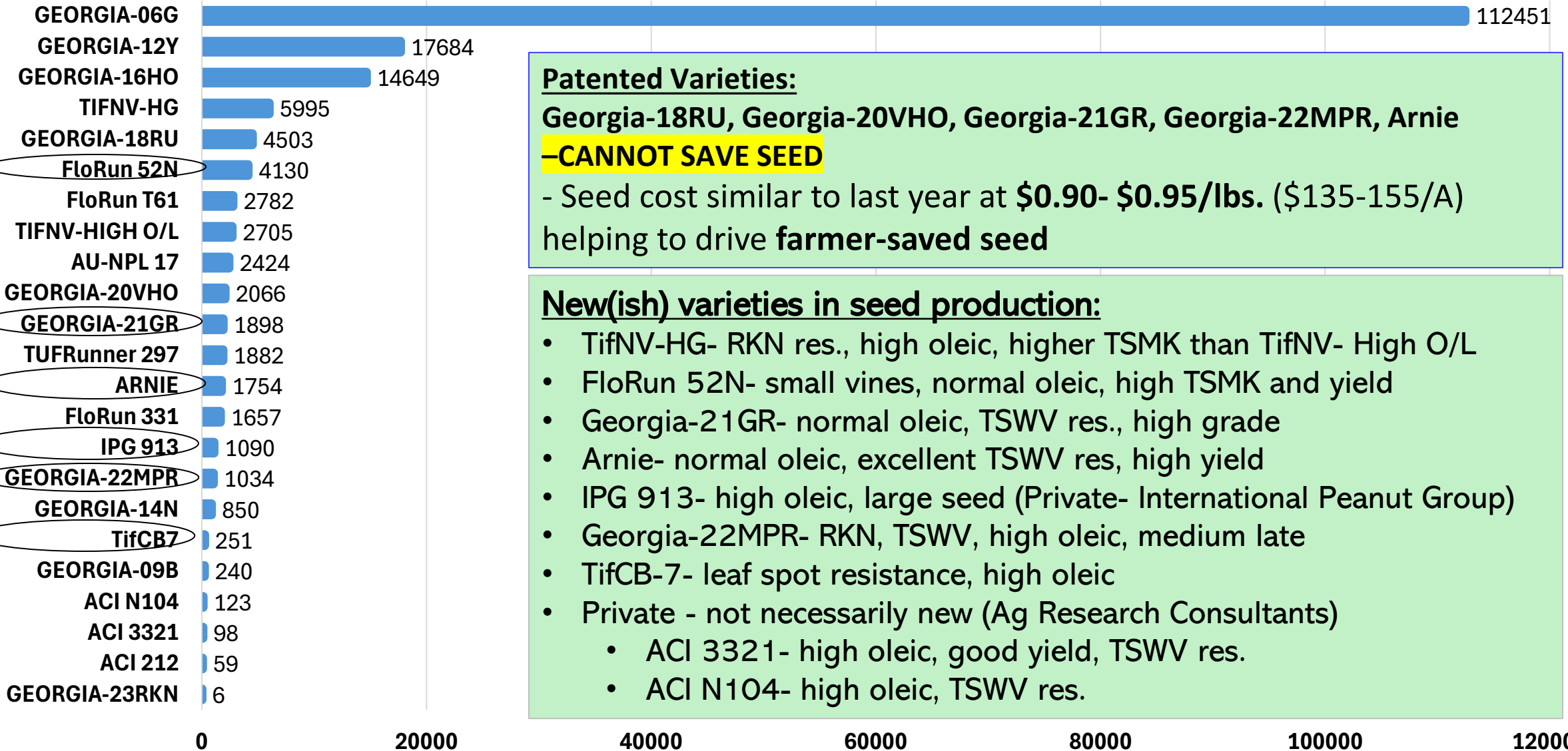
New and Emerging Peanut Varieties for 2025



Barry L. Tillman

Certified Seed Acres in AL, FL, GA (2024) and SC (2023)

2024 Certified Seed Acreage in AL, FL, GA and SC

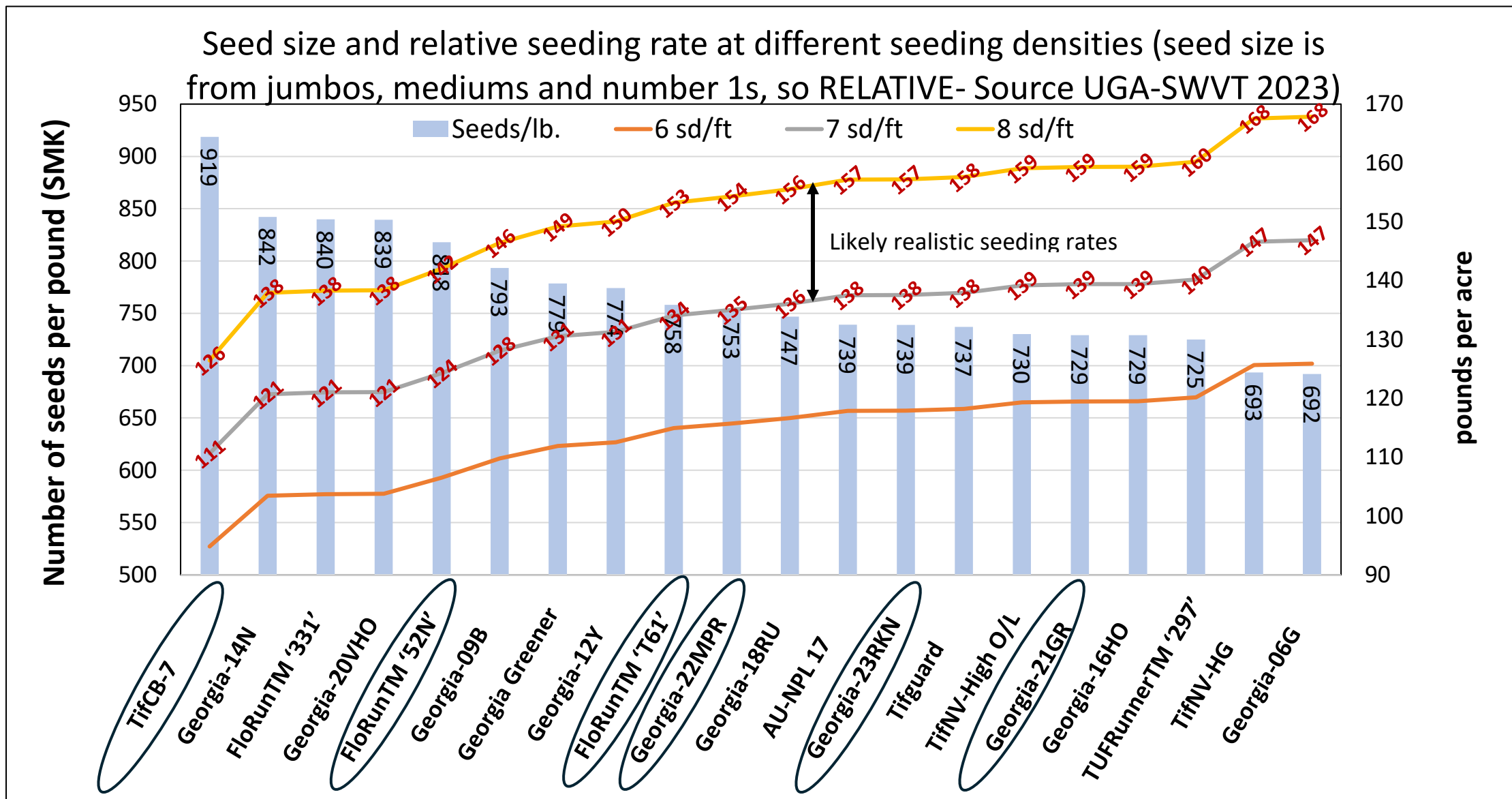


Patented Varieties:
 Georgia-18RU, Georgia-20VHO, Georgia-21GR, Georgia-22MPR, Arnie
-CANNOT SAVE SEED
 - Seed cost similar to last year at **\$0.90- \$0.95/lbs.** (\$135-155/A)
 helping to drive **farmer-saved seed**

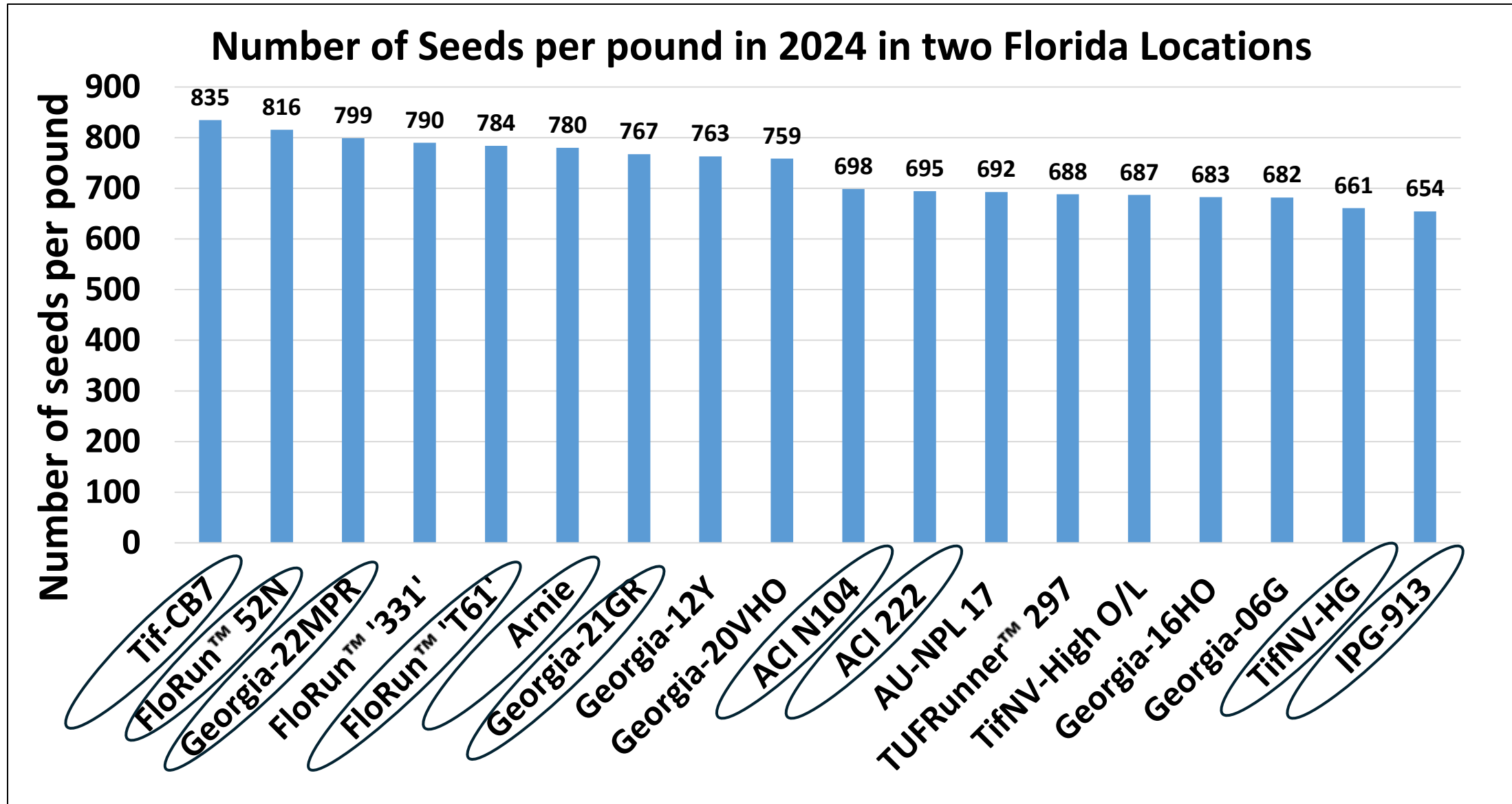
New(ish) varieties in seed production:

- TifNV-HG- RKN res., high oleic, higher TSMK than TifNV- High O/L
- FloRun 52N- small vines, normal oleic, high TSMK and yield
- Georgia-21GR- normal oleic, TSWV res., high grade
- Arnie- normal oleic, excellent TSWV res, high yield
- IPG 913- high oleic, large seed (Private- International Peanut Group)
- Georgia-22MPR- RKN, TSWV, high oleic, medium late
- TifCB-7- leaf spot resistance, high oleic
- Private - not necessarily new (Ag Research Consultants)
 - ACI 3321- high oleic, good yield, TSWV res.
 - ACI N104- high oleic, TSWV res.

Relative seeding rate based on variety seed size and seeding density



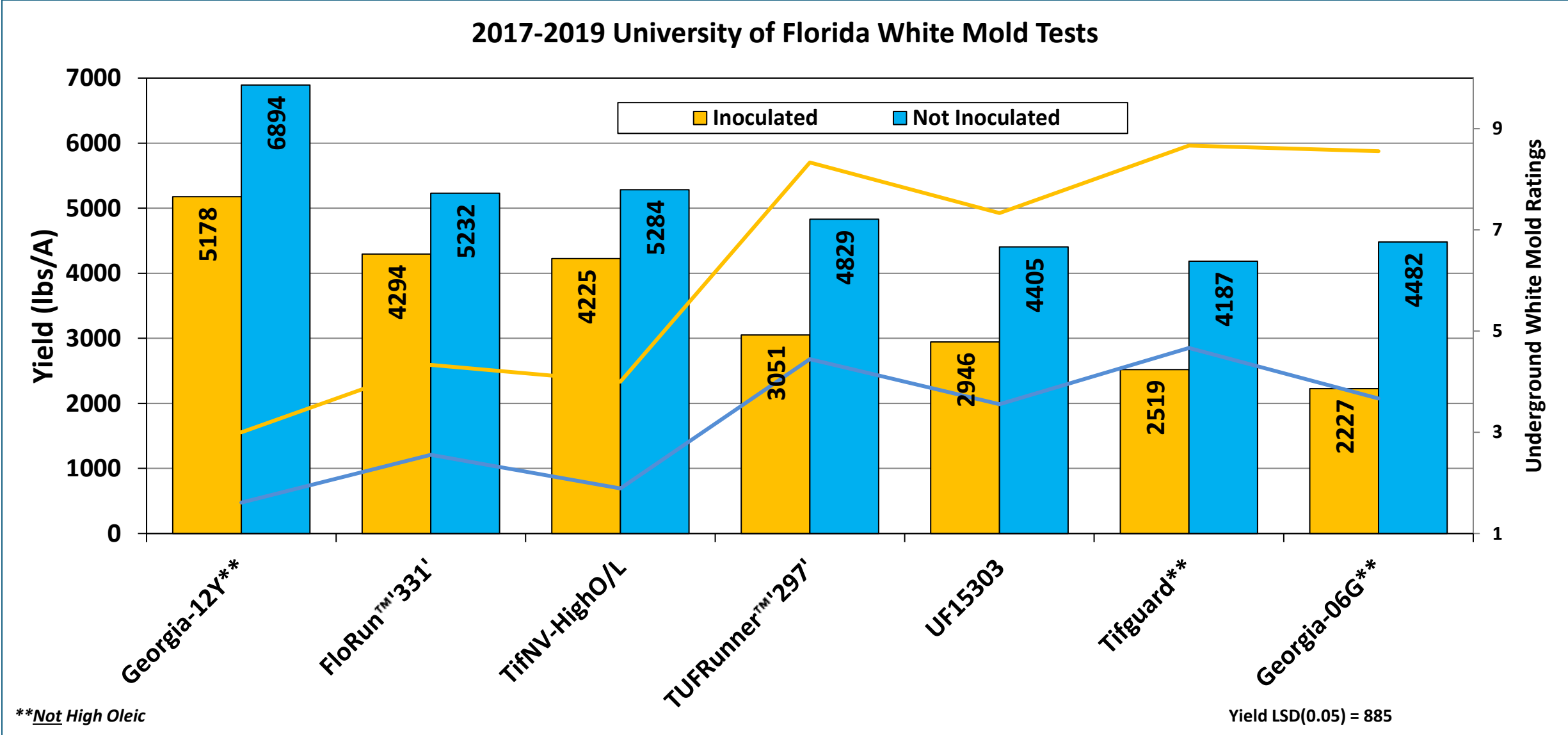
Variety seed size in 2024 in Florida



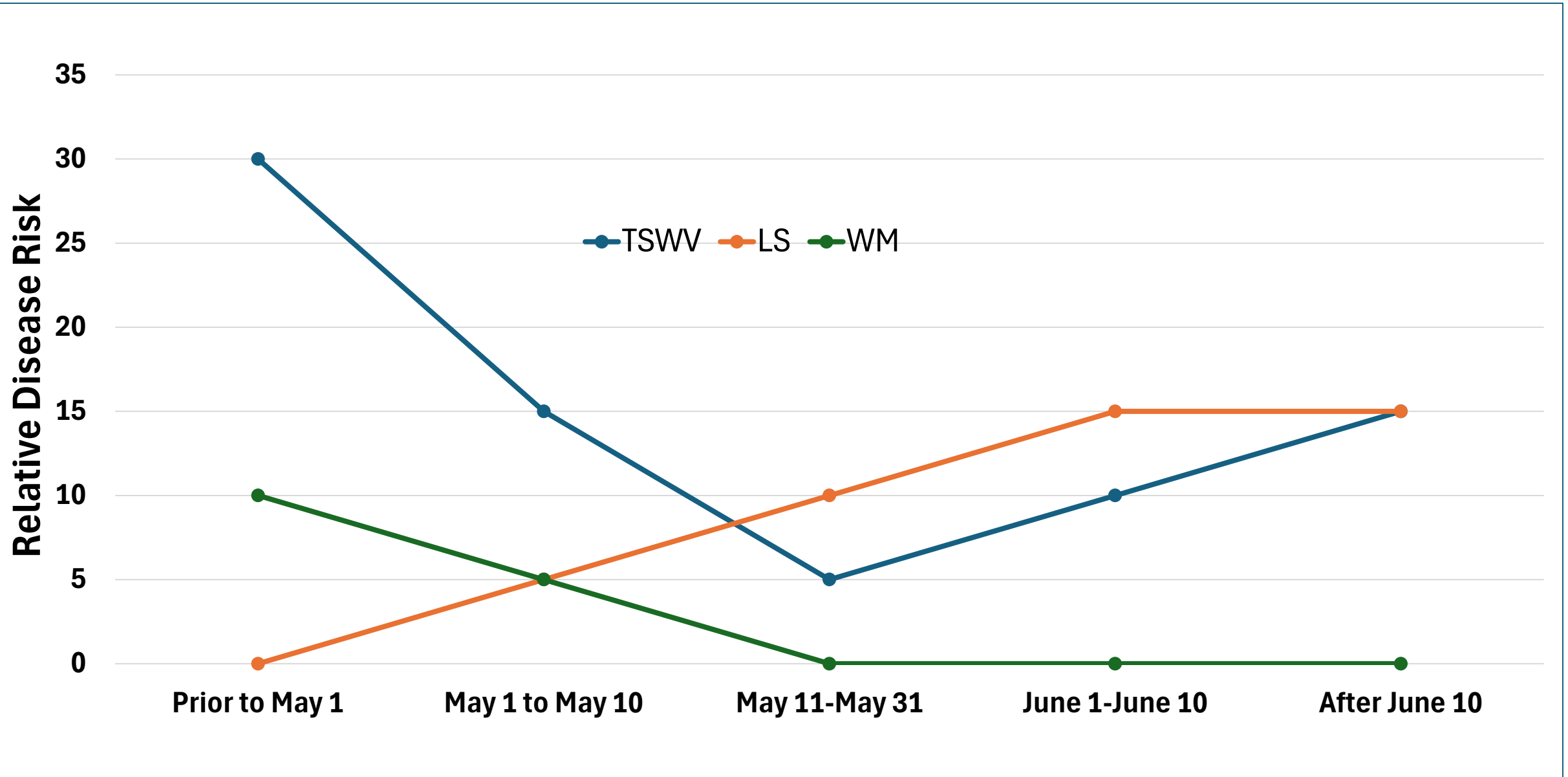
Disease Resistance

Variety (*normal oleic)	Spotted Wilt Points	Leaf Spot Points	White mold points	Resistance Root-knot Nematode
Arnie *	5	20	20	Susceptible
AU NPL 17	10	15	15	Susceptible
Tif CB7	10	15	25	Susceptible
FloRun™'52N' *	15	20	20	Susceptible
FloRun™ '331'	20	20	15	Susceptible
FloRun™'T61'¹	10	25	15	Susceptible
Georgia-06G *	10	20	20	Susceptible
Georgia-12Y *	5	15	10	Susceptible
Georgia-14N	10	15	15	Resistant
Georgia-16HO	10	25	20	Susceptible
Georgia-18RU *	15	25	20	Susceptible
Georgia-20VHO	10	20	20	Susceptible
Georgia-21GR *	10	20	20	Susceptible
Georgia-22MPR	10	20	20	Resistant
Georgia Green *	30	20	25	Susceptible
IPG 913 *	10	20	20	Susceptible
TifNV-HG	10	20	20	Resistant
TifNV-HiOL	10	15	15	Resistant
TUFRunner™ '297'	10	25	20	Susceptible
TUFRunner™ '511'	20	30	15	Susceptible

Arnie and Tif-CB7 are similar to Georgia-06G for white mold



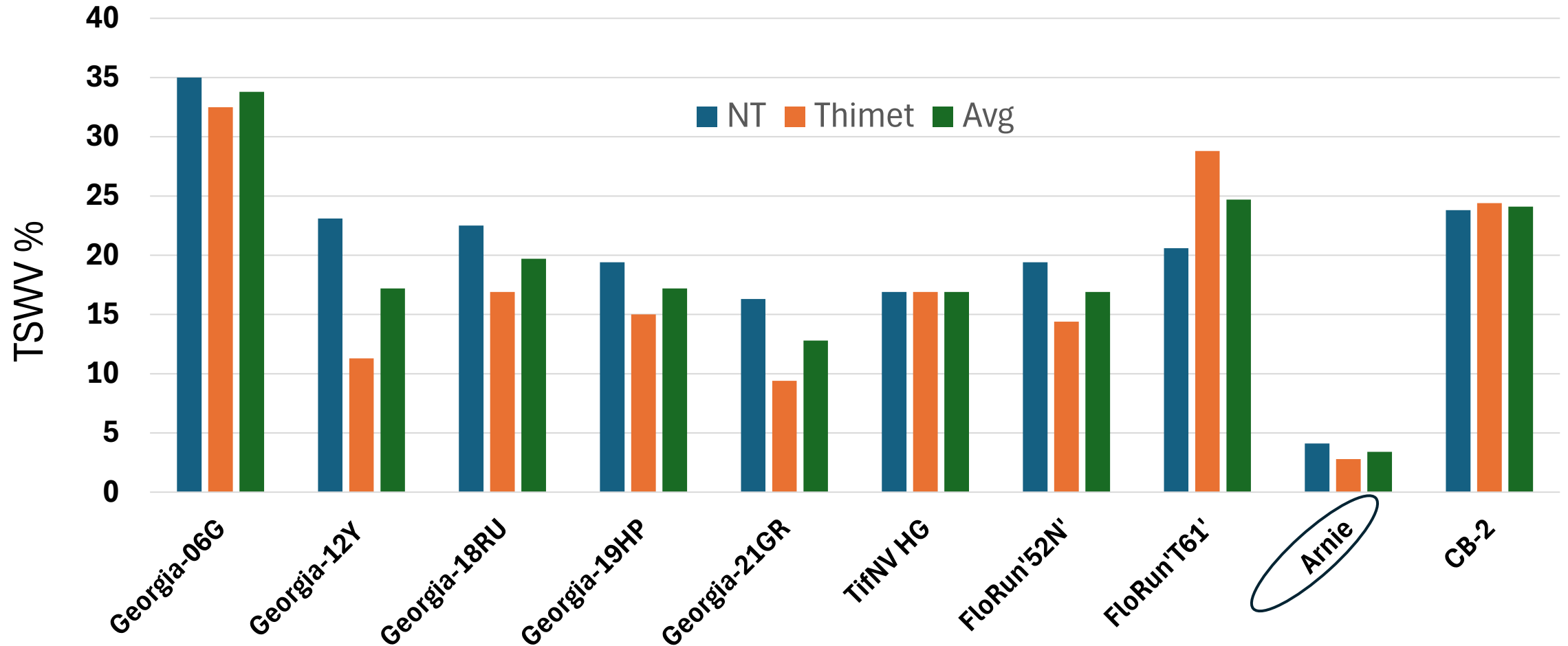
Planting date impacts on relative disease risk



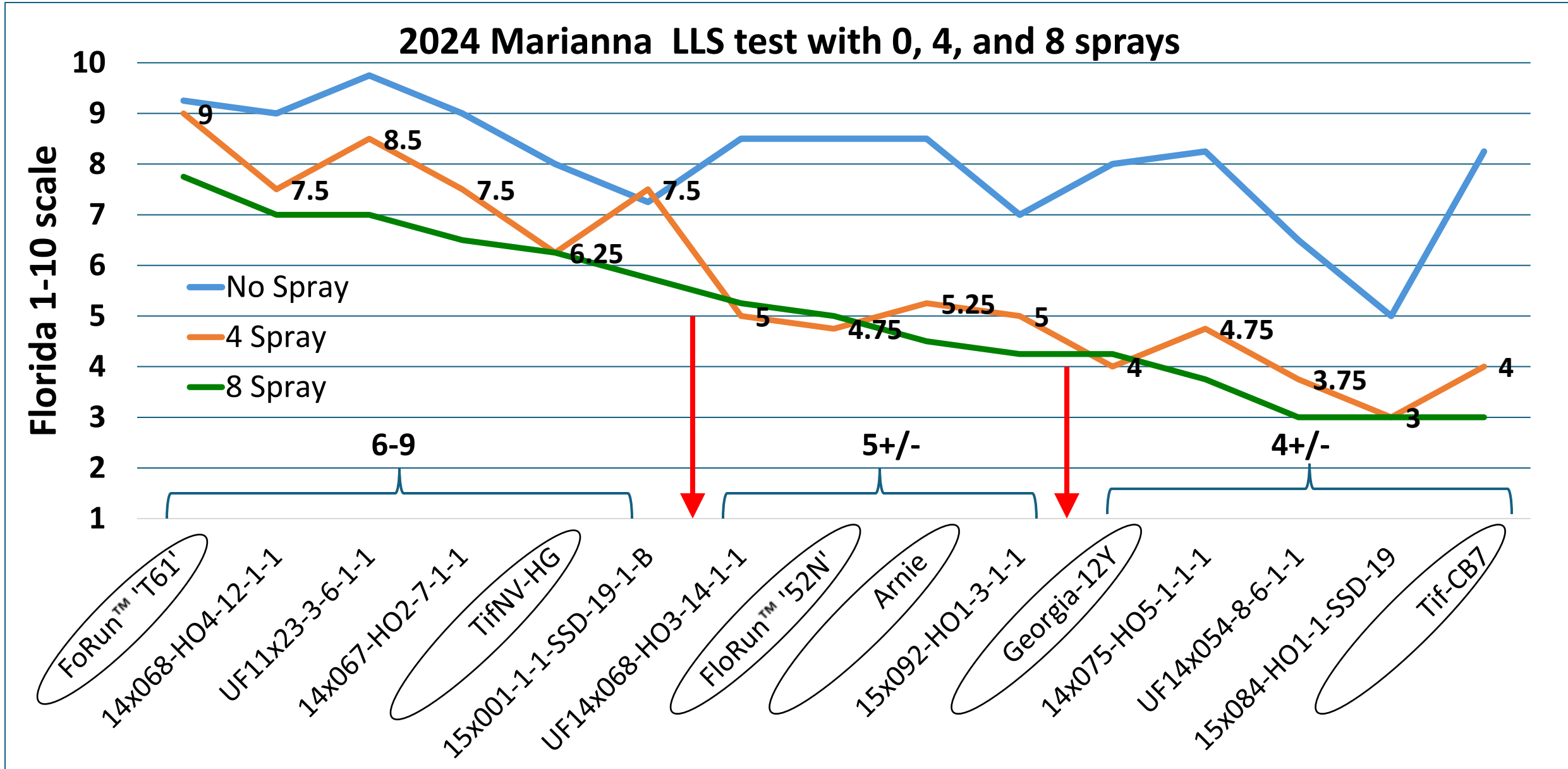
Arnie has outstanding TSWV resistance

It can be planted in April and early May with lower risk of TSWV

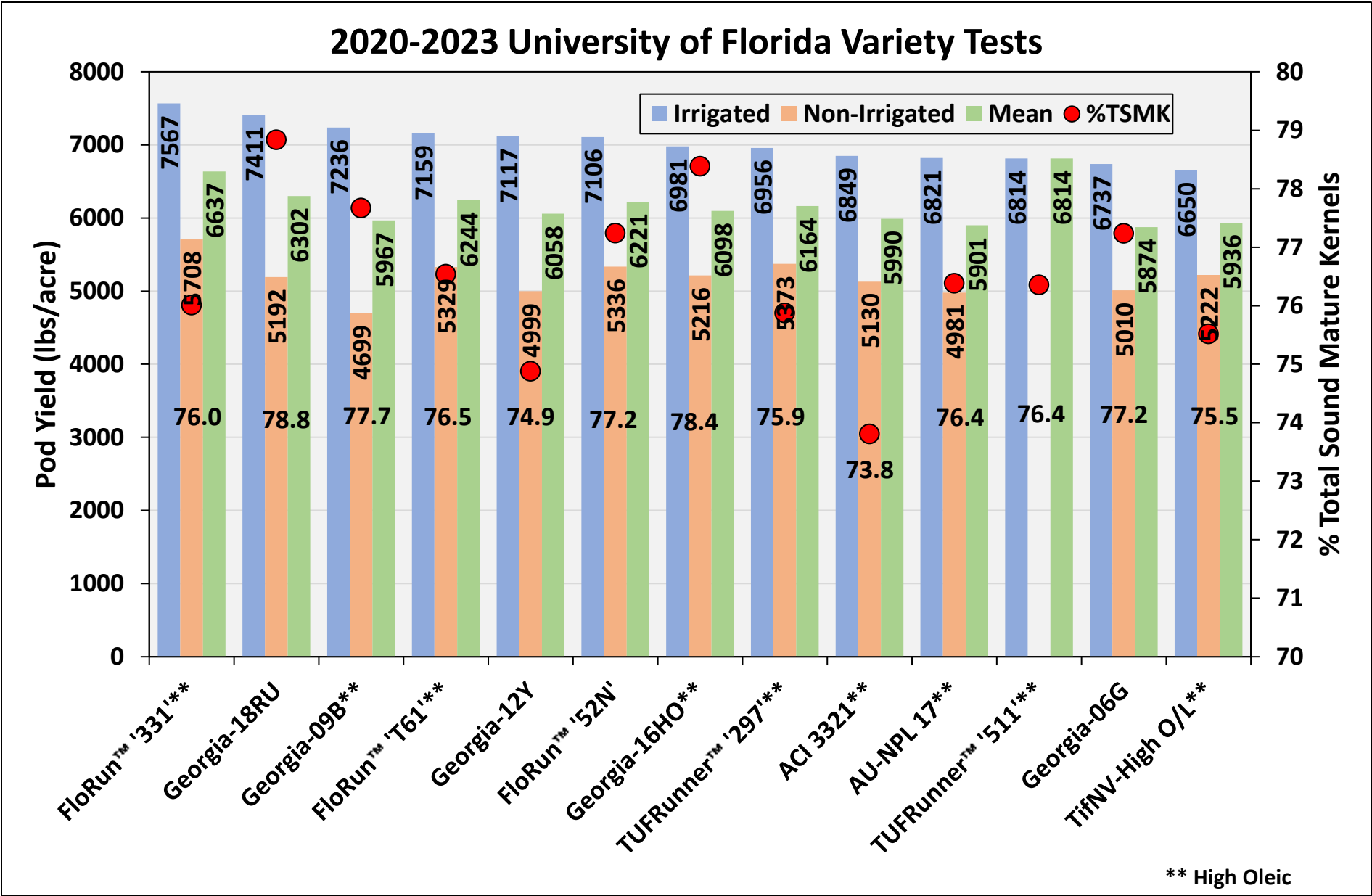
2024 TSWV Thimet test in Tifton- Dr. Albert Culbreath



Tif-CB7 shows promise to reduce fungicides somewhat for leaf spot. Several varieties had similar leaf spot ratings in 4 and 8 spray systems.

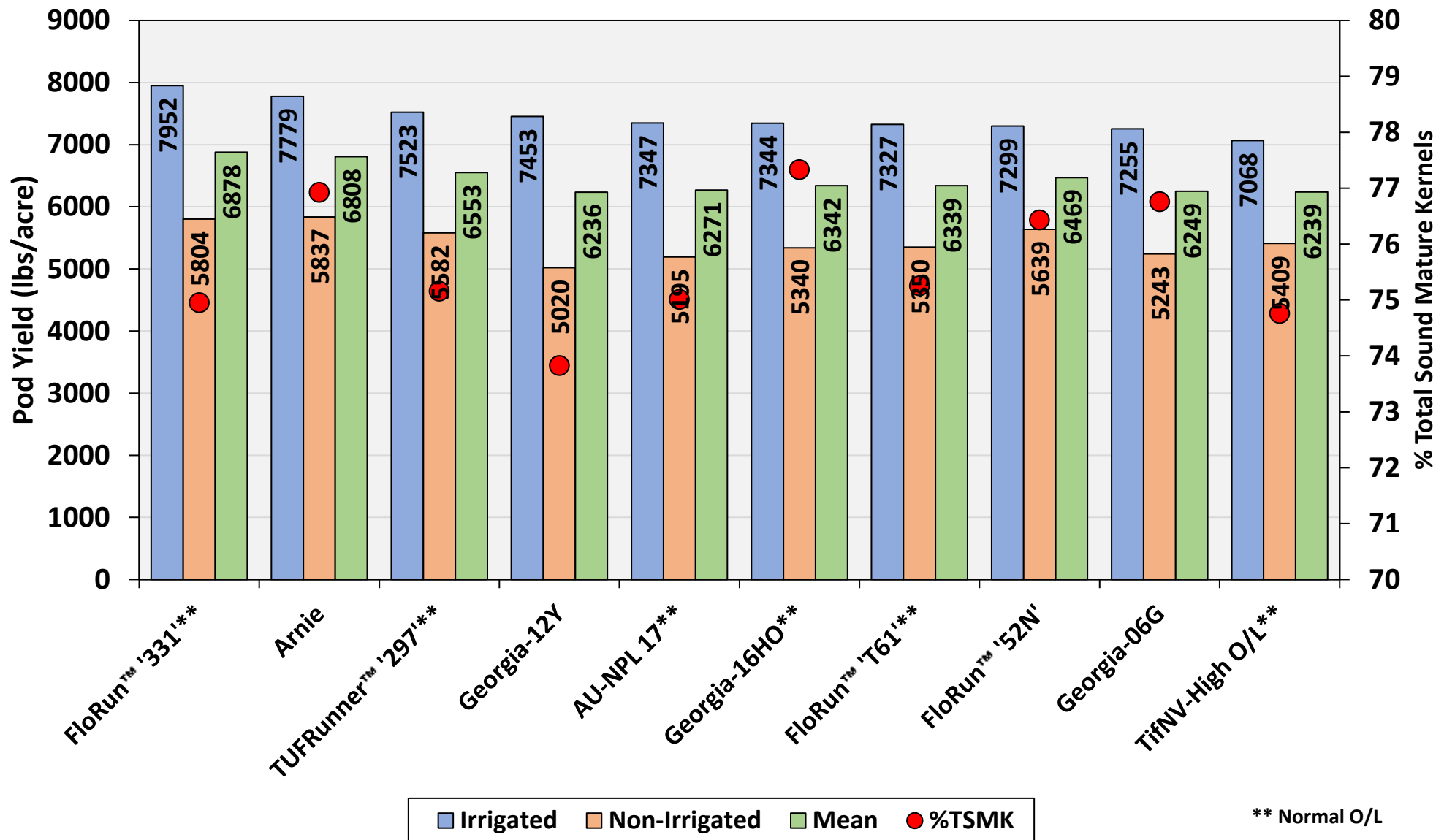


University of Florida SWVT



University of Florida SWVT

2022-2024 University of Florida Variety Tests



University of Florida SWVT- 2024

(available on <https://nfrec.ifas.ufl.edu/florida-peanut-team/>)

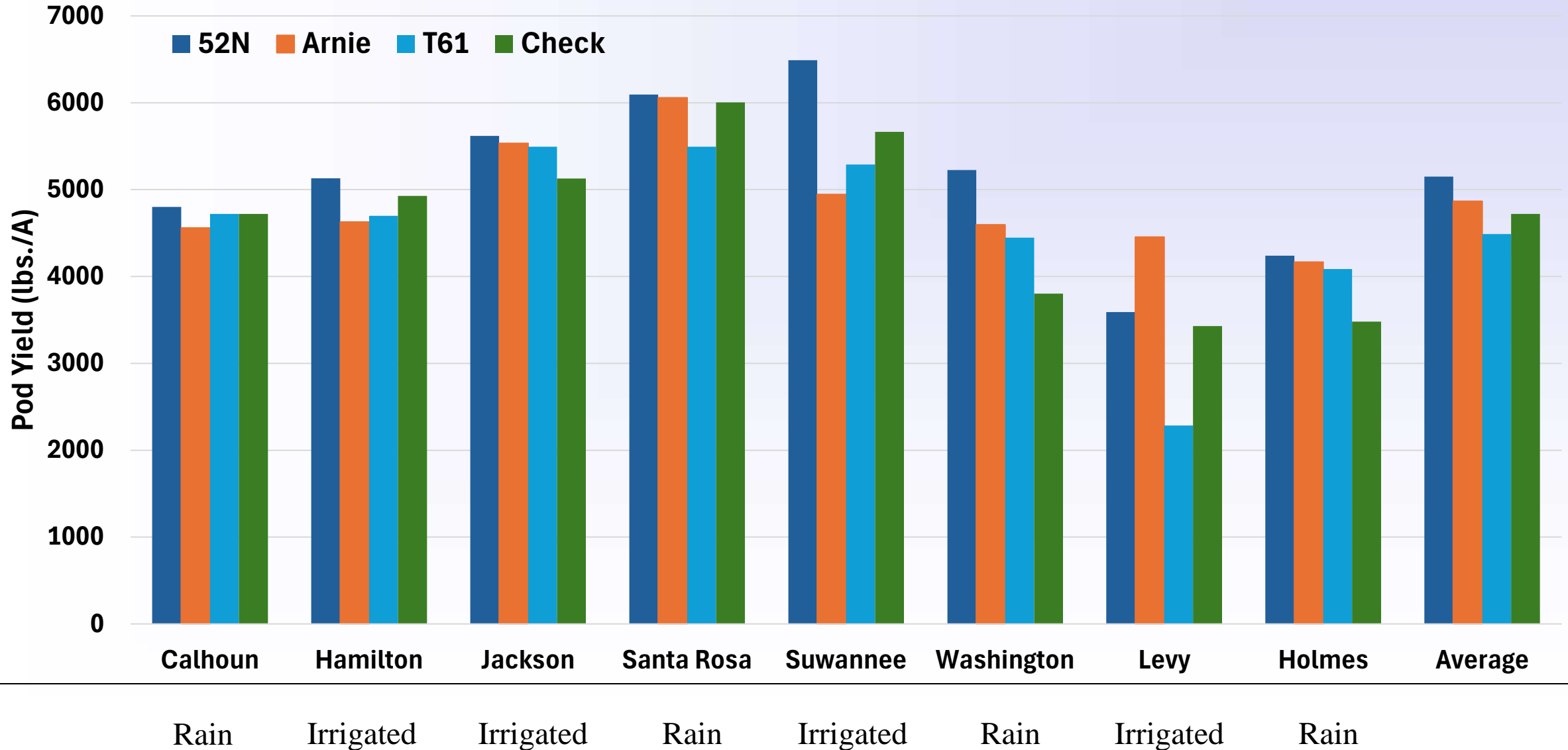
Table 1. Performance of peanut varieties in four locations in Florida in 2024. Varieties are sorted by name.

	Pod Yield (lbs./A)							TSMK (%)				TSMK (%)
	Marianna (MR)		Live Oak (LO)	Gainesville (GV)	Average			MR	LO	GV	AVG.	MR
	Irrigated	Non-Irrigated	Irrigated	Irrigated	Irrigated	Non-Irrigated	Mean	Irrigated				Non-Irrigated
ACI 222	7225	7516	5277	7519	6674	7516	6882	71.13	72.5	74.54	72.7	74.3
ACI N104	6735	5915	5068	7397	6400	5915	6279	71.30	72.1	73.63	72.3	73.4
Arnie	7548	7866	6343	7526	7139	7866	7318	73.42	76.6	75.43	75.1	73.8
AU-NPL 17**	7338	7231	4888	8982	7069	7231	7113	71.58	72.9	75.41	73.3	73.9
FloRun™ '331'***	8148	6728	6282	8914	7781	6728	7518	72.48	73.4	74.72	73.5	73.0
FloRun™ '52N'	7493	7644	5426	7110	6677	7644	6919	75.03	76.4	76.67	76.0	74.8
FloRun™ 'T61'***	7722	6407	4811	7615	6716	6407	6639	72.77	74.9	73.63	73.8	75.2
Georgia-06G	7695	7237	5145	8161	7000	7237	7057	76.42	74.8	77.08	76.1	75.6
Georgia-12Y	7723	5644	6682	8138	7514	5644	7047	70.58	72.7	74.00	72.4	71.7
Georgia-16HO**	8000	6647	5954	8618	7524	6647	7305	75.43	76.2	77.08	76.2	75.0
Georgia-20VHO**	7252	7728	4230	7058	6180	7728	6570	76.98	77.1	77.30	77.1	75.4
Georgia-21GR	6880	7347	6202	8134	7072	7347	7140	75.55	76.3	76.61	76.1	74.8
Georgia-22MPR**	7343	7031	5354	7523	6740	7031	6813	73.12	73.2	73.93	73.4	74.6
IPG-913	7080	-	4888	-	5984	-	5984	72.80	76.6	-	74.7	-
Tif-CB7**	7482	6908	5959	7990	7144	6908	7085	75.52	75.2	75.27	75.3	76.0
TifNV-HG**	8170	8177	6403	8593	7722	8177	7836	71.25	73.6	75.22	73.4	74.4
TifNV-High O/L**	8003	7025	5534	7860	7132	7025	7108	72.28	75.4	74.52	74.1	73.5
TUFRunner™ '297'***	8015	7146	6309	8626	7650	7146	7524	73.15	73.9	74.43	73.8	75.2
LSD	279	464	224	405	179	464	173	0.7	0.6	0.7	0.4	0.7

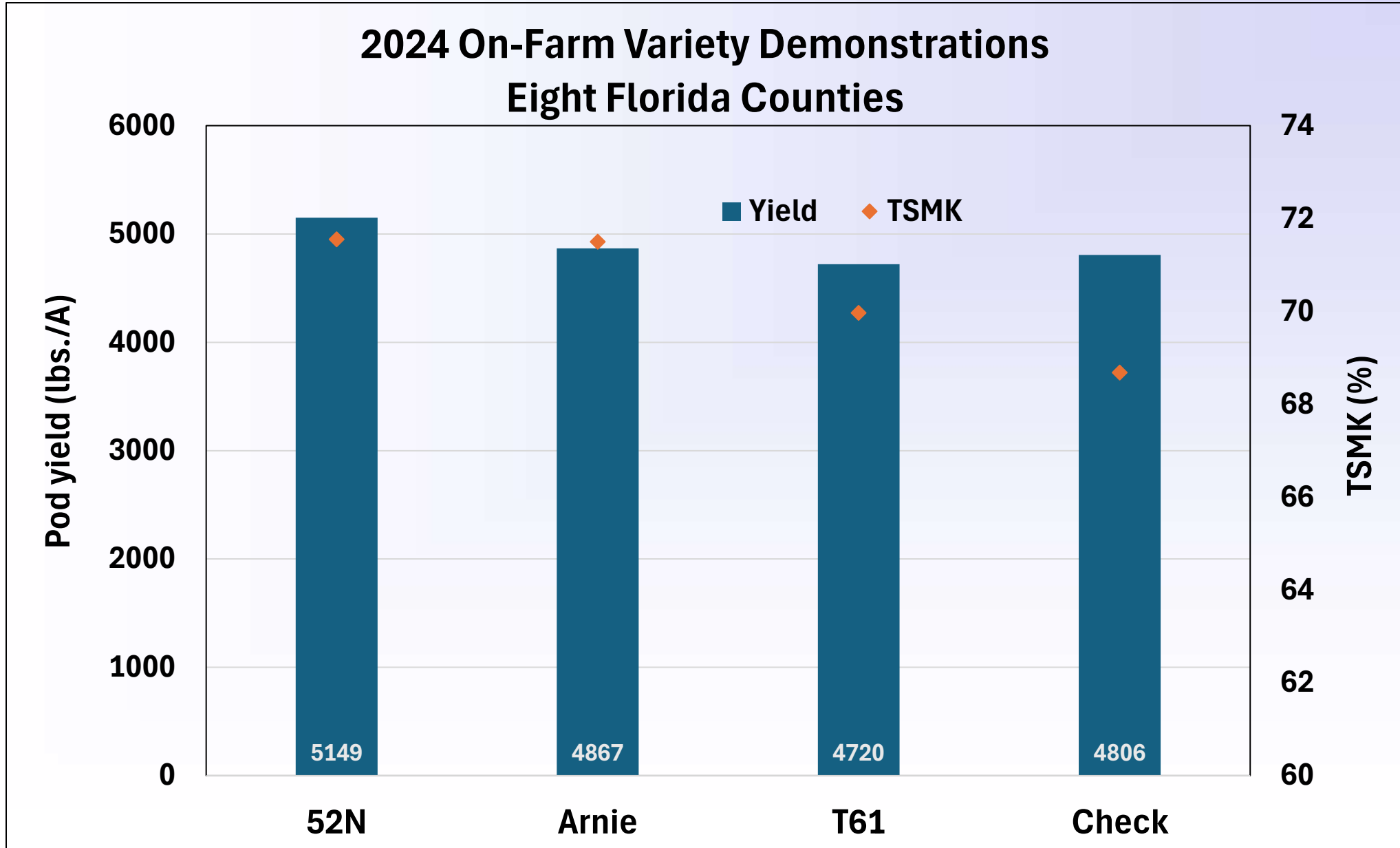
** High Oleic

University of Florida On-Farm Demonstrations- 2024

2024 On-Farm Peanut Variety Demonstration Results- common varieties



University of Florida On-Farm Demonstrations- 2024



Peanut Field Day: Marianna-August 14, 2025





Supporters of this work:

Florida Peanut Checkoff

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American Peanut Shellers Assoc.