



University of Florida Peanut Varieties

**APSA Seed Seminar
January 18, 2024
Tifton, GA**

- **FloRun™ ‘331’**
- **TUFRunner™ ‘297’**
- **FloRun™ ‘T61’**
- **FloRun™ ‘52N’**
- **Walton**



TUFRunner™ '297'

- Large Runner seed size: 550-600 seed per pound
- Medium Maturity: 140 days in FL under irrigation
- Yield Potential: 3-ton potential in FL, GA
- Grade: mid to upper 70's- 76-78% TSMK
- Diseases
 - White mold- moderately resistant
 - Leaf spot- susceptible
 - TSWV- moderately resistant
- Good yields in TSWV pressure

FloRun™ '331'

- Medium Runner seed size: 650-700 seeds per pound
- Medium Maturity: 140 days in FL under irrigation
- Yield Potential: 3-ton potential in FL
- Grade: mid 70's- 74-76% TSMK
- Diseases
 - White mold- moderately resistant
 - Leaf spot- moderately susceptible
 - TSWV- moderately susceptible
- Good yield in adverse conditions- drought, soil

FloRun™ 'T61'

- Medium Runner seed size: 600-650 seeds per pound
- Medium Maturity: 145 days in FL under irrigation
- Yield Potential: 3-ton potential in FL, GA
- Grade: mid 70's- 75-77% TSMK
- Diseases
 - White mold- moderately resistant
 - Leaf spot- susceptible
 - TSWV- very good tolerance
- Good tolerance to white mold and TSWV

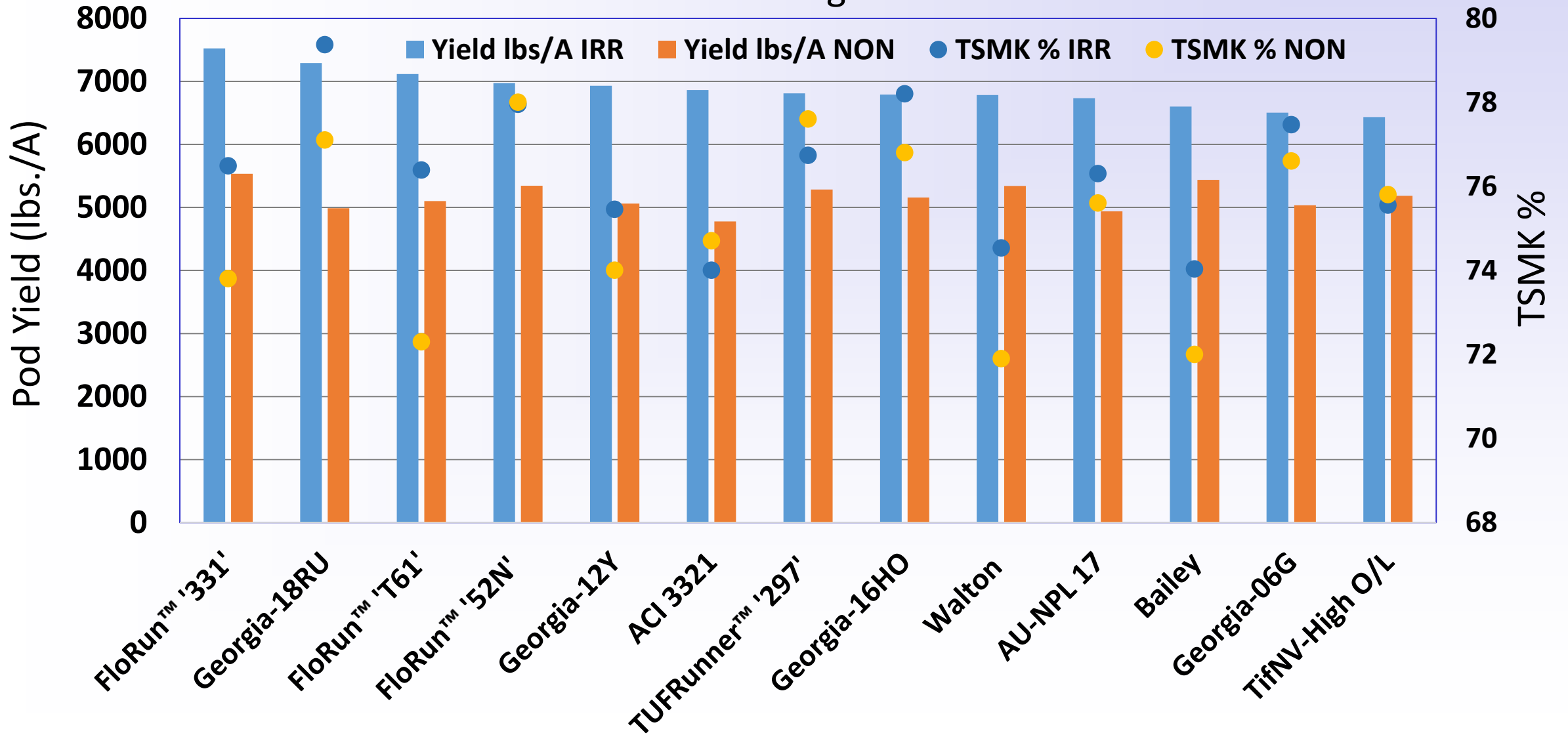
FloRun™ '52N'

- Medium Runner seed size: 650-700 seeds per pound
- Medium Maturity: 140 days in FL under irrigation
- Yield Potential: 3-ton potential in FL, GA
- Grade: upper 70's- 76-78% TSMK
- Diseases
 - White mold- moderately susceptible
 - Leaf spot- moderately susceptible
 - TSWV- moderately susceptible
- Smaller vines, good grades: invert well, pick easy, less need for growth regulator

	Peanut Disease Index			Seed size	Suggested Production Practices		
Variety	Spotted wilt	Leaf spot	White mold	Seed/lb	Planting dates†	Maturity‡	Fungicides and other practices‡‡
FloRun™ ‘331’	20	20	15	650-700	May 10- June 5	135-145	Good tolerance to white mold= standard fungicide programs acceptable for leaf spot; twin rows and other practices to minimize TSWV
TUFRunner™ ‘297’	10	25	20	500-550	May 1- May 31	135-145	Higher risk for leaf spot= systemic fungicides and planting before end of May; Good tolerance to TSWV= reduced risk of early planting; Larger seed= gypsum
FloRun™ ‘T61’	10	20	15	600-650	May 1- May 31	140-150	Lower risk for TSWV. Standard fungicide program- susceptible to leafspot and moderately resistant to white mold.
FloRun™ ‘52N’	15	20	20	650-700	May 10- June 5	135-140	Smaller vines suited for twin rows; small seed size; standard fungicide programs to control leaf spot and white mold.

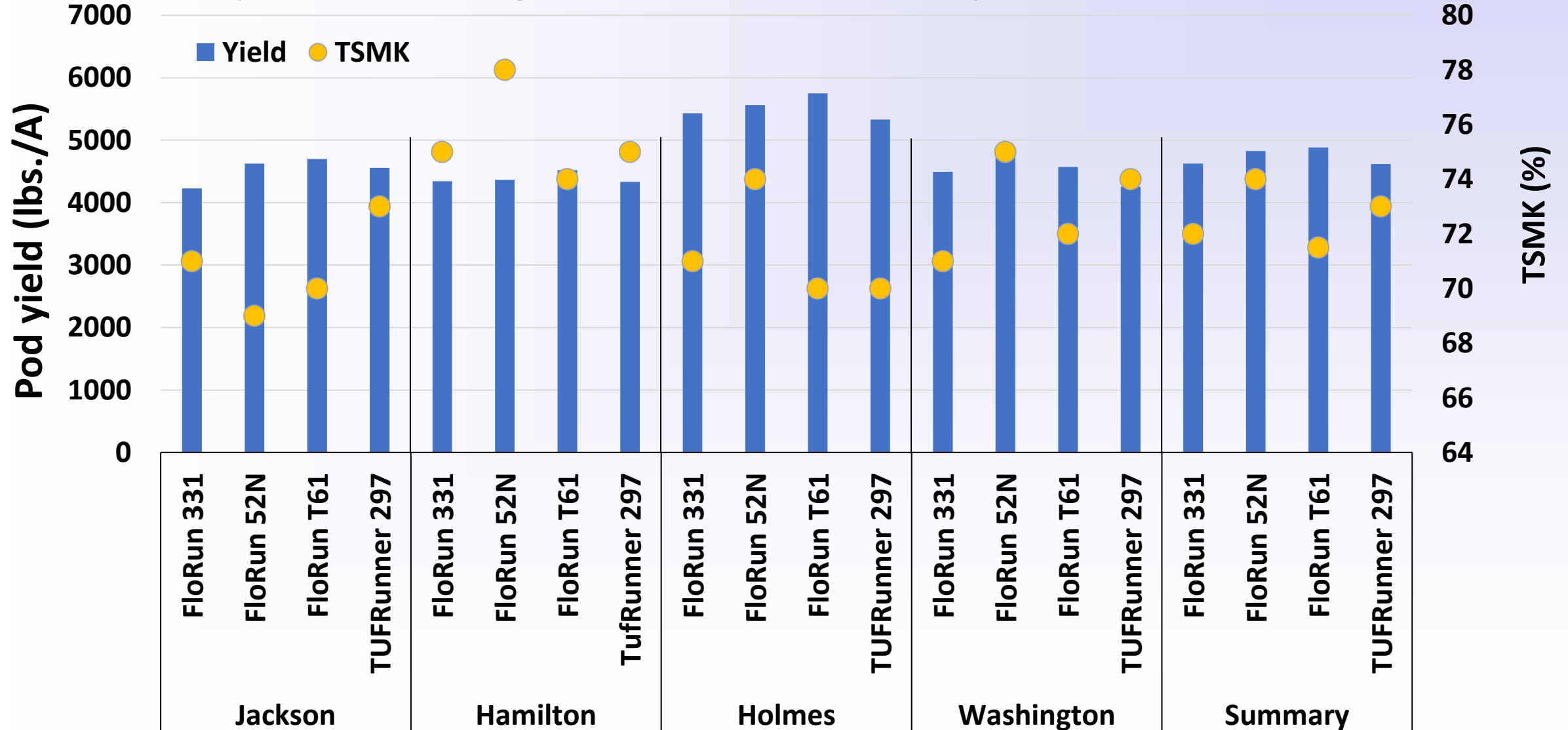
University of Florida SWVT

Pod yield and grade of peanut varieties in Florida- 2021-2023 with and without irrigation



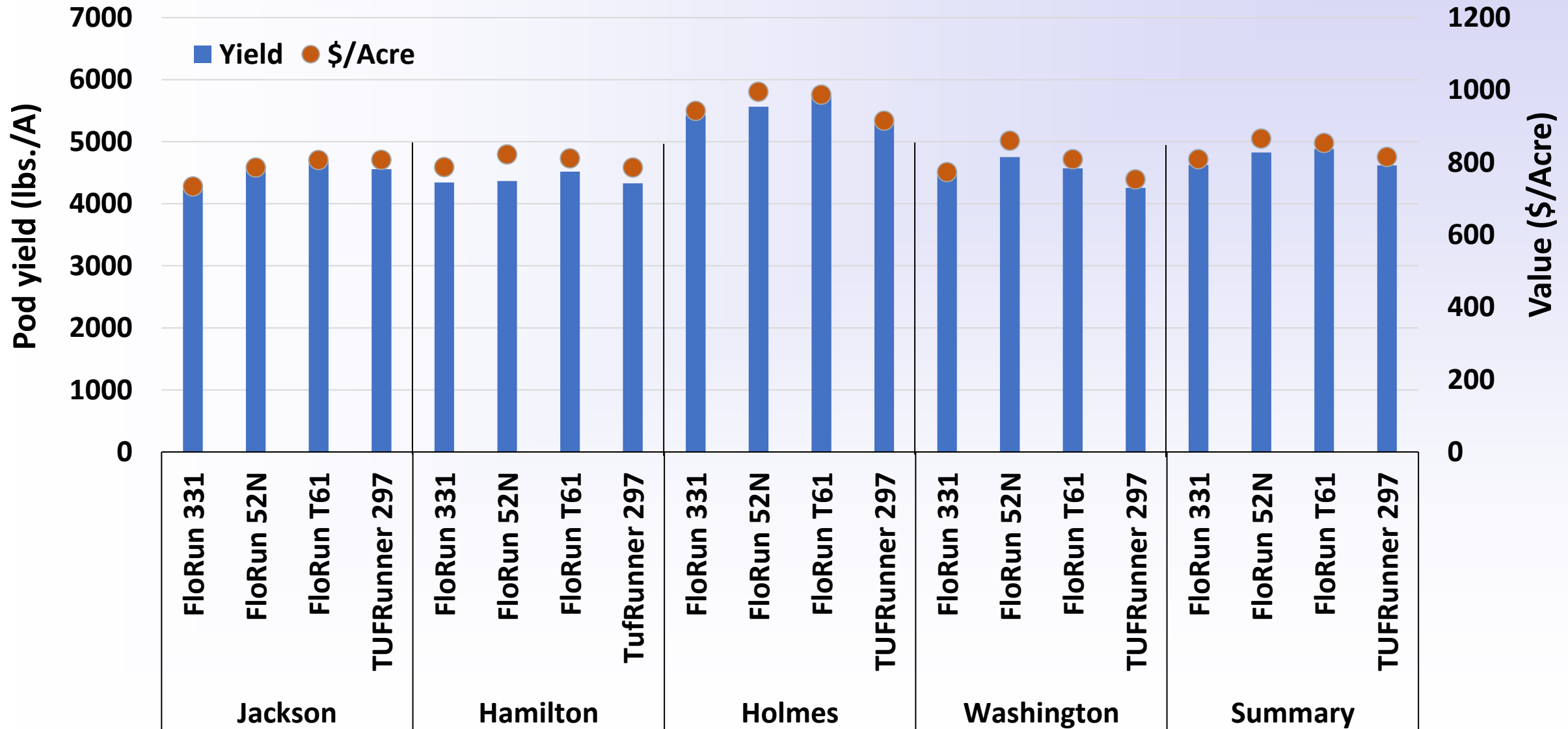
University of Florida On-Farm Demonstrations- 2023

Pod yield and TSMK grade from on-Farm variety demonstrations in 2023



University of Florida On-Farm Demonstrations- 2023

Pod yield and \$ value per acre from on-Farm variety demonstrations in 2023



Thank You

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