

Advanced Zoysiagrass Trial for use on Golf Courses

Sponsor: Florida Golf Course Superintendents Association

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Trial Locations: Citra, FL; Davie, FL; Jay, FL

Objectives:

1. Identify lines with the best turf quality throughout the year.
2. Compare turf quality ratings across locations.
3. Improved disease response

Turf Quality: Ft. Lauderdale, Florida						
Entry	2.21.18	5.18.18	7.25.18	9.6.18	10.2.18	TPI*
FAES1306	5.7	6.0	6.0	7.0	7.7	5
FAES1337	5.7	5.3	6.0	7.0	7.7	5
FAES1329	5.3	5.0	6.3	7.3	8.0	4
FAES1305	5.3	5.3	6.7	6.3	7.7	4
FAES1335	6.0	5.7	5.3	7.3	7.3	3
FAES1309	5.7	5.0	5.3	7.0	7.0	2
FAES1313	5.7	5.3	5.7	6.3	7.3	2
Zeon	5.3	5.0	5.7	5.7	6.3	1

*TPI = Turf Performance Index = the number of times an entry was in the top statistical group. Indicated by the green highlight

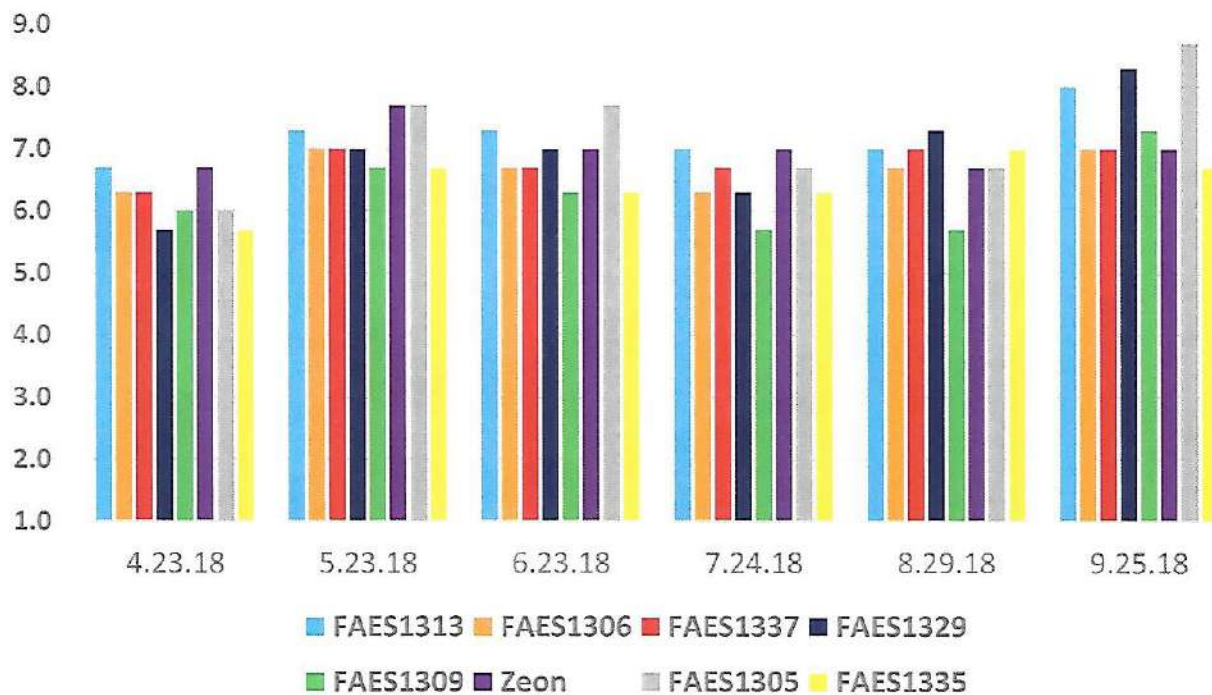
Turf Quality: Citra, Florida									
Entry	1.16.18	3.5.18	4.11.18	5.4.18	6.30.18	8.6.18	8.29.18	9.29.18	TPI*
FAES1329	5	6.7	5.3	7.3	7	7.3	8	8.3	8
FAES1335	5	6	4.7	6.3	7	6.3	7.3	7.3	8
FAES1313	3.3	5.3	4.3	5	6	6.3	6.7	7.3	4
FAES1305	2.3	4.3	4	4.7	5.7	6	6	8	3
FAES1337	3.7	5	4	5.7	5.3	4.3	5.3	5.7	3
FAES1306	4.3	5	4	4.3	5.3	4.7	5	6	2
Zeon	2.7	4	3.7	5	6	5.3	3.3	5.3	1
FAES1309	2.7	4.3	3.3	3.7	4	4.3	5	5.3	0

*TPI = Turf Performance Index = the number of times an entry was in the top statistical group. Indicated by the green highlight

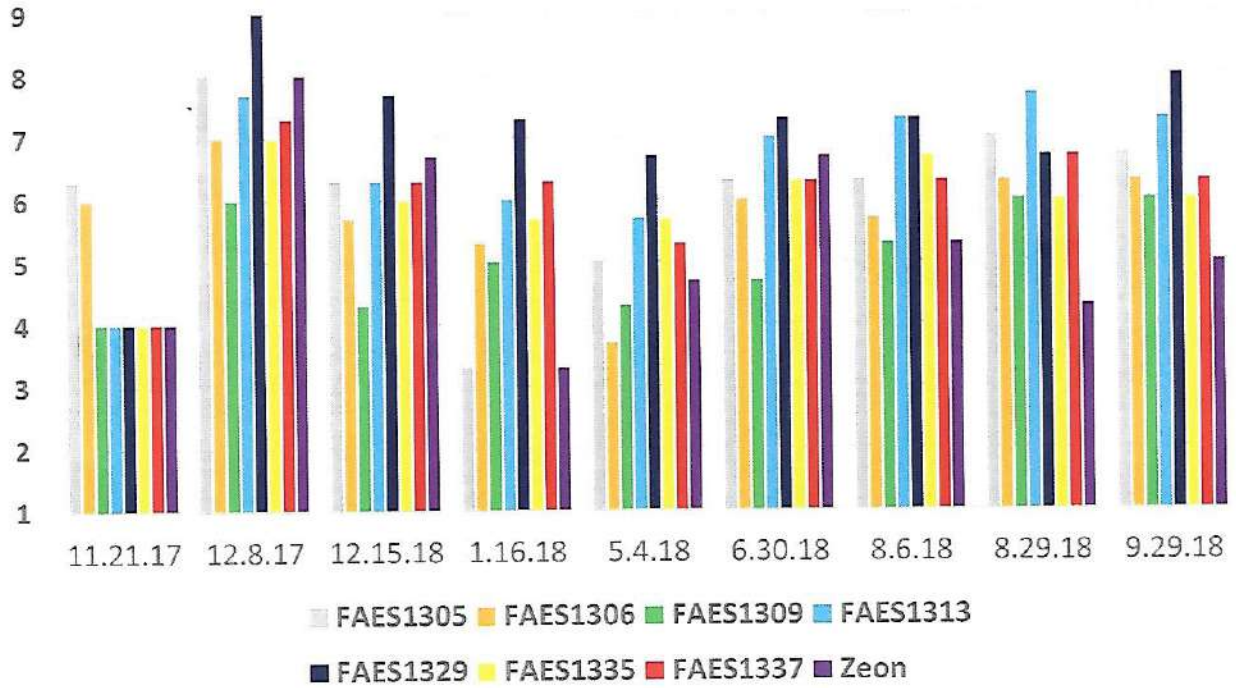
Turf Quality, Jay, Florida				
Genotype	7.24.18	8.29.18	9.25.18	TPI*
FAES1313	6.3	7.7	7.3	3
FAES1306	6.3	6.7	7.0	3
FAES1337	5.7	6.0	6.7	3
FAES1329	5.7	6.3	6.3	3
FAES1309	6.3	6.3	6.7	3
Zeon	5.7	6.7	7.0	3
FAES1305	5.7	6.3	7.0	3
FAES1335	6.7	7.3	7.7	3

*TPI = Turf Performance Index = the number of times an entry was in the top statistical group. Indicated by a green highlight

Color: Jay, Florida

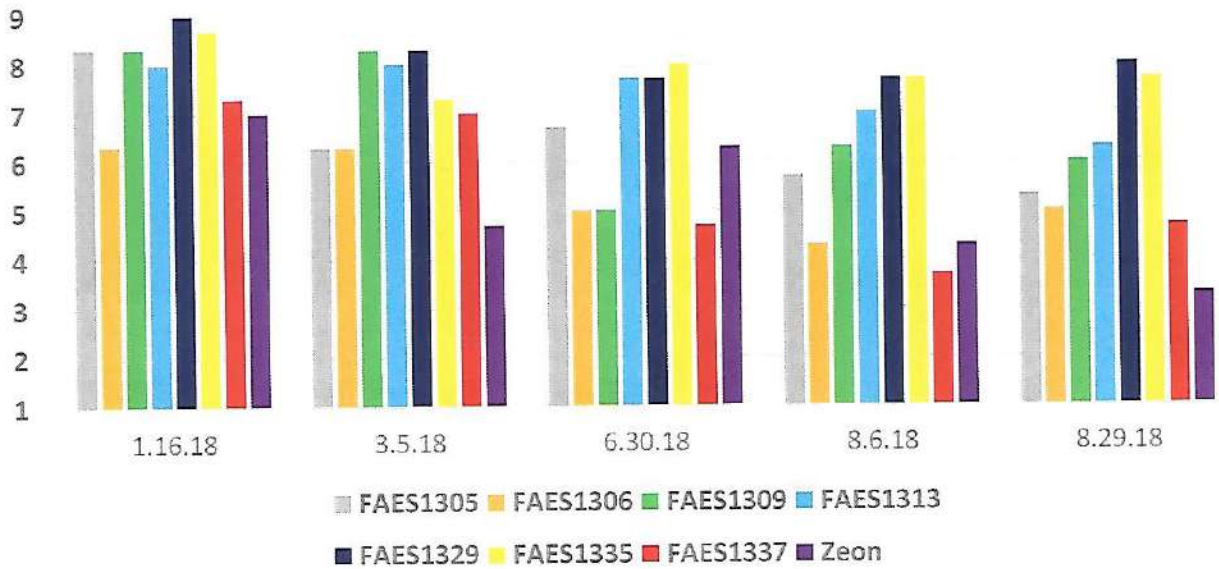


Color: Citra, Florida



Disease: Citra, Florida

Jan & Mar = dollar spot
Jun & Aug = Bipolaris



Summary

Turf Quality

- Entries separated well for turf quality ratings in Citra and Davie
- All entries performed the same in Jay, showing no separation for turf quality
- Entries that performed consistently well:
 - Citra: FAES1329 and FAES1335
 - Davie: FAES1306, FAES1337, FAES1329, FAES1305
 - Jay: No separation of turf quality
 - Overall: FAES1329

Color

- Jay: FAES1313, FAES1305, FAES1306, FAES1337 and Zeon never had a color rating below 6.0.
 - FAES1305 scored the highest color rating.
- Citra: FAES1329 and FAES1313 had the highest color consistently.
 - Many entries scored a color rating above 6.0 for most of the year.

Disease

- FAES1329 and FAES1335 scored consistently well for disease throughout the year.
- Many entries consistently rated above a 6.0 for disease.
- Zeon and FAES1337 scored a 5.0 or below on three out of five dates.

Sprigged 5-18-2017 (10' x 10' plots)

NW					
	REP 1	FAES1337	FAES1306	FAES1335	FAES1305
		FAES1329	FAES1309	FAES1313	Zeon
	REP 2	FAES1313	FAES1305	FAES1329	FAES1306
		FAES1309	Zeon	FAES1337	FAES1335
	REP 3	FAES1335	FAES1337	FAES1329	FAES1309
		FAES1306	Zeon	FAES1305	FAES1313