

2019 UGA On-Farm Variety Evaluation Program

Variety	All Loc. Avg.	LSD (p=0.1)	% Above Trial Avg.	% Among Top 3
DG 3615 B3XF	1,206	a	68	60
DP 1646 B2XF	1,185	ab	76	52
PHY 400 W3FE (semi smooth)	1,170	ab	64	36
ST 5471 GLTP	1,165	ab	64	24
DP 1851 B3XF	1,161	bc	68	32
DP 1840 B3XF	1,140	bcd	48	40
ST 5600 B2XF	1,120	cde	44	16
PHY 500 W3FE (smooth)	1,119	cde	36	16
CG 19XG9B3XF	1,101	de	24	16
NG 5711 B3XF	1,086	e	28	8
NG 3930 B3XF	1,016	f	8	0

2019 UGA On-Farm Cotton Variety Evaluation Program
 Final Lint Yield Results (12-23-19)

Variety	Candler DRY	Tift (41) DRY	Midville DRY	Turner DRY	Athens DRY	Appling DRY	Atkinson DRY	Mitchell DRY	Toombs DRY	Bulloch IRR	Bacon DRY	Colquitt (Expo) IRR	Colquitt (Davis) IRR	Colquitt (Perryman) IRR	Berrien IRR	Worth IRR	Brooks IRR	Telfair DRY	Jeff Davis IRR	Pulaski IRR	Plains IRR	Grady DRY	Cook IRR	Early IRR	Midville IRR	All Loc. Avg.	LSD (p=0.1)	% Above Trial Avg.	% Among Top 3	
DG 3615 B3XF	464	468	640	713	819	606	1,025	665	883	1,081	1,149	1,308	1,530	1,384	1,474	1,408	1,628	1,189	1,497	1,530	1,693	1,280	1,783	1,864	2,071	1,206	a	68	60	
DP 1646 B2XF	564	652	562	824	755	808	811	924	1,106	1,223	1,190	1,068	1,278	1,354	1,381	1,390	1,392	1,370	1,491	1,453	1,533	1,548	1,547	1,784	1,605	1,185	ab	76	52	
PHY PX3B07 W3FE	615	598	540	797	747	794	878	932	1,123	967	1,266	1,301	1,225	1,301	1,294	1,487	1,336	1,508	1,340	1,464	1,479	1,671	1,415	1,576	1,599	1,170	ab	64	36	
ST 5471 GLTP	583	590	553	763	794	766	896	864	991	1,122	1,018	1,027	1,299	1,357	1,207	1,338	1,365	1,369	1,363	1,607	1,505	1,867	1,606	1,629	1,646	1,165	ab	64	24	
DP 1851 B3XF	540	673	576	683	671	798	842	946	1,129	1,138	1,146	1,158	1,210	1,456	1,336	1,392	1,282	1,431	1,409	1,520	1,433	1,647	1,446	1,660	1,498	1,161	bc	68	32	
DP 1840 B3XF	498	639	629	607	762	685	946	943	1,023	1,175	1,350	1,041	1,397	1,255	1,323	1,298	1,337	1,491	1,437	1,414	1,406	1,433	1,474	1,349	1,590	1,140	bcd	48	40	
ST 5800 B2XF	525	499	622	622	670	835	775	851	943	1,102	1,177	1,206	1,209	1,308	1,456	1,383	1,308	1,412	1,394	1,451	1,416	1,398	1,456	1,513	1,464	1,120	cde	44	16	
PHY PX5D28B W3FE	476	459	558	600	731	720	955	906	986	1,163	1,055	1,158	1,267	1,369	1,230	1,259	1,284	1,581	1,388	1,449	1,439	1,387	1,474	1,368	1,709	1,119	cde	36	16	
CG 19XG9B3XF	503	503	538	597	625	651	812	715	999	1,209	1,083	1,108	1,213	1,269	1,263	1,322	1,419	1,317	1,346	1,227	1,542	1,419	1,495	1,659	1,683	1,101	de	24	16	
NG 5711 B3XF	432	580	589	536	682	848	888	797	962	1,164	1,057	1,109	1,377	1,158	1,361	1,256	1,303	1,372	1,341	1,299	1,369	1,265	1,384	1,491	1,535	1,086	e	28	8	
NG 3930 B3XF	507	532	545	703	673	682	667	789	1,026	1,020	887	1,043	1,191	1,196	1,151	1,216	1,122	1,195	1,308	1,345	1,224	1,394	1,269	1,357	1,359	1,016	f	8	0	
Trial Average	519	563	578	677	721	745	863	848	1016	1124	1,125	1,139	1,291	1,310	1,316	1,341	1,343	1,385	1,392	1,433	1,458	1,482	1,486	1,568	1,615			45		

*Bold Italic font indicates above trial average lint yields, grey shaded cell indicates lint yield among top 3 of 11

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Whitaker & Freeman, 2019

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Final Lint Yield Results (12-23-19)

**LOCATIONS WITH TRIAL AVERAGE
 YIELDS HIGHER THAN 1,200 lb/A**

Variety	Colquitt (Davis) IRR	Colquitt (Perryman) IRR	Berrien IRR	Worth IRR	Brooks IRR	Telfair DRY	Jeff Davis IRR	Pulaski IRR	Plains IRR	Grady DRY	Cook IRR	Early IRR	Midville IRR	All Loc. Avg.	LSD (p=0.1)	Above Trial Avg.	% Among Top 3
DG 3615 B3XF	1,530	1,384	1,474	1,408	1,628	1,189	1,497	1,530	1,693	1,280	1,783	1,864	2,071	1,564	a	85	85
ST 5471 GLTP	1,299	1,357	1,207	1,338	1,365	1,369	1,363	1,607	1,505	1,867	1,606	1,629	1,646	1,474	b	77	46
DP 1646 B2XF	1,278	1,354	1,381	1,390	1,392	1,370	1,491	1,453	1,533	1,548	1,547	1,784	1,605	1,471	b	46	23
DP 1851 B3XF	1,210	1,456	1,336	1,392	1,282	1,431	1,409	1,520	1,433	1,647	1,446	1,660	1,498	1,440	bc	69	23
PHY PX3B07 W3FE	1,225	1,301	1,294	1,487	1,336	1,508	1,340	1,464	1,479	1,671	1,415	1,576	1,599	1,438	bc	62	38
PHY PX5D28B W3FE	1,267	1,369	1,230	1,259	1,284	1,581	1,388	1,449	1,439	1,387	1,474	1,368	1,709	1,400	cd	31	23
DP 1840 B3XF	1,397	1,255	1,323	1,296	1,337	1,491	1,437	1,414	1,406	1,433	1,474	1,349	1,590	1,400	cd	38	8
CG 19XG9B3XF	1,213	1,269	1,263	1,322	1,419	1,317	1,346	1,227	1,542	1,419	1,495	1,659	1,683	1,398	cd	31	23
ST 5600 B2XF	1,209	1,308	1,456	1,383	1,308	1,412	1,394	1,451	1,416	1,398	1,456	1,513	1,464	1,397	cd	38	23
NG 5711 B3XF	1,377	1,158	1,361	1,256	1,303	1,372	1,341	1,299	1,369	1,265	1,384	1,491	1,535	1,347	d	15	8
NG 3930 B3XF	1,191	1,196	1,151	1,216	1,122	1,195	1,308	1,345	1,224	1,394	1,269	1,357	1,359	1,256	e	0	0
Trial Average	1291	1,310	1,316	1,341	1343	1,385	1,392	1,433	1,458	1,482	1,486	1,568	1,615				

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 Final Lint Yield Results (12-23-19)

**LOCATIONS WITH TRIAL AVERAGE YIELDS
 LOWER THAN 1,200 lb/A**

Variety	Candler DRY	Tift (41) DRY	Midville DRY	Turner DRY	Athens DRY	Appling DRY	Atkinson DRY	Mitchell DRY	Toombs DRY	Bulloch IRR	Bacon DRY	Colquitt (Expo) IRR	All Loc. Avg.	LSD (p=0.1)	% Above Trial Avg.	% Among Top 3
PHY PX3B07 W3FE	615	598	540	797	747	794	878	932	1,123	967	1,266	1,301	880	a	83	50
DP 1646 B2XF	564	652	562	824	755	808	811	924	1,106	1,223	1,190	1,068	874	a	75	58
DP 1851 B3XF	540	673	576	683	671	798	842	946	1,129	1,138	1,146	1,158	858	ab	75	25
DP 1840 B3XF	498	639	629	607	762	685	946	943	1,023	1,175	1,350	1,041	858	ab	67	58
ST 5471 GLTP	583	590	553	763	794	766	896	864	991	1,122	1,018	1,027	830	abc	58	25
ST 5600 B2XF	525	499	622	622	670	835	775	851	943	1,102	1,177	1,206	819	bc	50	25
DG 3615 B3XF	464	468	640	713	819	606	1,025	665	883	1,081	1,149	1,308	818	bc	50	33
PHY PX5D28B W3FE	476	459	558	600	731	720	955	906	986	1,163	1,055	1,158	814	bc	42	8
NG 5711 B3XF	432	580	589	536	682	848	888	797	962	1,164	1,057	1,109	804	cd	42	8
CG 19XG9B3XF	503	503	538	597	625	651	812	715	999	1,209	1,083	1,108	779	cd	8	8
NG 3930 B3XF	507	532	545	703	673	682	667	789	1,026	1,020	887	1,043	756	d	17	0
Trial Average	519	563	578	677	721	745	863	848	1016	1124	1,125	1,139		53		

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