



2016 Pre-Commercial Evaluation of ENLIST® Varieties in the Southeastern US

Coordinators

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Table 1: Lint yield of newly released commercially available Enlist® cotton varieties tested in 2016 in the southeast.

Seed Company	Variety	Maturity	Lint Yield lb./A				Avg. Yield All Sites
			Suffolk, VA	Lewiston, NC	Rocky Mt, NC	Florence, SC	
Dow AgroSciences	PHY 330 W3FE	Early	1,102	1,005	956	1,238	1,075
Dow AgroSciences	PHY 340 W3FE	Early	1,161	1,077	991	1,162	1,098
Dow AgroSciences	PHY 450 W3FE	Early-Mid	1,194	1,007	1010	1,049	1,065
Dow AgroSciences	PHY 460 W3FE	Early-Mid	1,098	954	890	1,104	1,012
Dow AgroSciences	PHY 470 W3FE	Early-Mid	1,081	969	894	1,173	1,029
Dow AgroSciences	PHY 490 W3FE	Mid	1,032	1,005	903	1,082	1,006
Dow AgroSciences	PHY 333 WRF	Early	1,210	940	940	1,225	1,079
Dow AgroSciences	PHY 499 WRF	Mid	1,158	897	963	1,130	1,037
Monsanto	DP 1522 B2XF	Early-Mid	1,074	1,052	868	1,143	1,034

Table 2: Fiber properties for newly released Enlist® cotton varieties at the Suffolk, VA location only.

Seed Company	Variety	Lint %	Fiber Properties			
			Mic.	Len. (in.)	Str. (g/tex)	Uni. (%)
Dow AgroSciences	PHY 330 W3FE	43.8	5.1	1.19	35.2	85.3
Dow AgroSciences	PHY 340 W3FE	43.4	5.0	1.21	33.8	84.9
Dow AgroSciences	PHY 450 W3FE	42.1	5.3	1.18	35.9	85.0
Dow AgroSciences	PHY 460 W3FE	43.9	5.1	1.16	36.4	84.7
Dow AgroSciences	PHY 470 W3FE	44.2	5.3	1.17	35.8	85.6
Dow AgroSciences	PHY 490 W3FE	44.2	5.0	1.19	35.7	85.5
Dow AgroSciences	PHY 333 WRF	43.9	5.1	1.20	33.8	84.9
Dow AgroSciences	PHY 499 WRF	44.6	5.4	1.17	33.9	84.8
Monsanto	DP 1522 B2XF	42.8	5.3	1.19	33.4	84.9

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