

LL DC Group III						
Location	Georgetown					
Planted	7/1/2016					
Harvested	11/8/2016					
Tillage	7" row spacing, no-till					
Irrigated	Yes					
Population	209,000					
Rank	Company	Variety	Yield bu/a		Moist. %	T.W.
1	Southern Harvest	SH 3516 LL	81.18	a	11.30	54.80
2	Bayer	CZ 3945 LL	75.92	a	10.55	55.38
3	Bayer	CZ 3737 LL	75.51	a	10.70	55.63
4	Bayer	CZ 3841 LL	74.27	ab	10.68	56.00
5	Southern Harvest	SH 3814 LL	72.37	abc	10.68	56.33
6	Bayer	CZ 3233 LL	69.66	abc	11.13	55.28
7	Bayer	CZ 3443 LL	63.37	bc	10.79	54.83
8	Pro Harvest	3791CLL	61.00	c	10.70	55.78
	LSD P=.05		12.120		0.250	0.670
	CV		11.5		1.58	0.82
	Grand Mean		72.065		10.788	55.537
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Early-Mid Group IV DC LL Soybeans (4.0-4.6)						
Location	Georgetown					
Planted	7/1/2016					
Harvested	11/8/2016					
Tillage	7" row spacing, no-till					
Irrigated	Yes					
Population	209,000					
Rank	Company	Variety	Yield bu/a		Moist %	T.W.
1	ProHarvest Seeds	4391CLL	76.81	a	10.58	56.70
2	Southern States	LL 423 N	72.08	ab	10.43	56.00
3	Bayer	CZ 4044-LL	71.23	abc	10.85	56.25
4	ProHarvest Seeds	4191CLL	66.98	bcd	10.55	56.03
5	Bayer	CZ 4540 LL	65.24	bcd	10.80	56.33
6	Bayer	CZ 4222 LL	62.62	cd	10.48	56.70
7	ProHarvest Seeds	4591CLL	62.52	d	10.58	56.18
8	Bayer	CZ 4105 LL	62.04	d	10.63	55.93
LSD P=.05			8.695		0.312	0.847
CV			8.97		2.03	1.04
Grand Mean			67.114		10.611	56.198
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Liberty Link Double crop, Late Group IV-V's (>=4.7)						
Location	Georgetown					
Planted	7/1/2016					
Harvested	11/8/2016					
Tillage	7" row spacing, no-till					
Irrigated	Yes					
Population	209,000					
Rank	Company	Variety	Yield bu/a		Moist %	T.W.
1	Southern Harvest	SH-4817 LL	72.62	a	10.73	56.25
2	Southern States	LL 473 N	68.55	ab	10.58	56.75
3	Southern Harvest	SH 5215 LL	68.18	ab	11.08	55.70
4	Bayer	CZ-5147 LL	66.75	abc	10.85	55.85
5	ProHarvest Seeds	4791CLL	66.63	a-d	10.83	55.90
6	Bayer	HBK 4953 LL	65.18	a-d	11.05	55.65
7	Bayer	CZ 4818 LL	64.13	a-d	11.20	56.68
8	Bayer	CZ-5225 LL	61.20	bcd	11.03	55.63
9	Bayer	CZ 4748 LL	57.70	de	10.68	55.73
10	Bayer	CZ-5445 LL	51.12	e	10.90	55.78
LSD P=.05			9.015		0.201	0.697
CV			9.93		1.28	0.87
Grand Mean			63.482		10.957	56.107
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Liberty Link Resistant Group III Full Season soybeans						
Location	Georgetown					
Planted	5/20/2016					
Harvested	10/17/2016					
Tillage	Conventional					
Irrigated	Yes					
Population	150,000	15" row spacing				
Rank	Company	Variety	Yield bu/a		Moist %	T.W.
1	Bayer	CZ 3841 LL	65.81	a	13.00	53.45
2	Southern Harvest	SH 3814 LL	62.84	ab	12.98	53.45
3	Bayer	CZ 3737 LL	59.53	ab	12.75	52.73
4	Southern Harvest	SH 3516 LL	56.18	abc	12.75	52.68
5	Bayer	CZ 3945 LL	54.07	bcd	13.15	53.40
6	Bayer	CZ 3443 LL	53.13	bcd	12.90	52.63
7	Bayer	CZ 3233 LL	46.24	cd	12.08	50.18
8	Pro Harvest	3791CLL	44.87	d	12.53	52.88
LSD P=.05			11.046		0.223	0.675
Standard Deviation			7.569		0.153	0.459
CV			13.7		1.19	0.86
Grand Mean			55.261		12.794	53.109
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Liberty Link Full Season Early-Mid Group IV's (4.0-4.6)						
Location	Georgetown					
Planted	5/20/2016					
Harvested	10/18/2016					
Tillage	Conventional					
Irrigated	Yes					
Population	150,000	15" row spacing				
Fungicide	No					
Rank	Company	Variety	Yield bu/a		Moist %	T.W.
1	Bayer	CZ 4222 LL	66.20	a	12.78	53.45
2	Bayer	CZ 4044-LL	66.01	a	12.91	52.60
3	Southern States	LL 423 N	65.58	a	12.75	54.13
4	ProHarvest Seeds	4591CLL	64.42	a	12.75	54.05
5	Bayer	CZ 4540 LL	62.72	a	13.23	55.38
6	ProHarvest Seeds	4391CLL	62.04	a	12.75	52.90
7	Bayer	CZ 4105 LL	61.25	a	12.95	53.33
8	ProHarvest Seeds	4191CLL	58.82	a	12.88	52.63
LSD P=.05			7.460		0.122	0.686
CV			7.98		0.64	0.87
Grand Mean			63.380		12.823	53.556
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Liberty Link Full Season Late IV-V's (>=4.7)						
Location	Georgetown					
Planted	5/20/2016					
Harvested	10/24/2016					
Tillage	Conventional					
Irrigated	Yes					
Population	150,000	15" row spacing				
Fungicide	No					
Rank	Company	Variety	Yield bu/a		Moist %	T.W.
1	SH-4817 LL	Southern Harvest	79.05	a	10.65	54.75
2	LL 473 N	Southern States	77.77	ab	10.95	56.10
3	CZ 4818 LL	Bayer	74.05	abc	11.03	55.90
4	4791CLL	ProHarvest Seeds	74.01	abc	10.48	53.93
5	CZ-5445 LL	Bayer	70.85	bcd	11.58	56.45
6	SH 5215 LL	Southern Harvest	69.49	cd	11.45	57.05
7	CZ-5147 LL	Bayer	69.10	cd	11.60	57.13
8	HBK 4953 LL	Bayer	67.57	cd	11.63	57.13
9	CZ 4748 LL	Bayer	65.53	d	10.68	54.50
10	CZ-5225 LL	Bayer	62.85	d	11.55	56.88
LSD P=.05			8.032		0.204	0.738
CV			7.79		1.26	0.91
Grand Mean			71.027		11.158	55.980
Means followed by same letter or symbol do not significantly differ (P=.05, LSD)						

Liberty Link Full Season Ranking by Yield. All Maturity Groups				
Company	Variety	Yield bu/a	Moist %	T.W.
Southern Harvest	SH-4817 LL	79.05	10.65	54.75
Southern States	LL 473 N	77.77	10.95	56.10
Bayer	CZ 4818 LL	74.05	11.03	55.90
ProHarvest Seeds	4791CLL	74.01	10.48	53.93
Bayer	CZ-5445 LL	70.85	11.58	56.45
Southern Harvest	SH 5215 LL	69.49	11.45	57.05
Bayer	CZ-5147 LL	69.10	11.60	57.13
Bayer	HBK 4953 LL	67.57	11.63	57.13
Bayer	CZ 4222 LL	66.20	12.78	53.45
Bayer	CZ 4044-LL	66.01	12.91	52.60
Bayer	CZ 3841 LL	65.81	13.00	53.45
Southern States	LL 423 N	65.58	12.75	54.13
Bayer	CZ 4748 LL	65.53	10.68	54.50
ProHarvest Seeds	4591CLL	64.42	12.75	54.05
Bayer	CZ-5225 LL	62.85	11.55	56.88
Southern Harvest	SH 3814 LL	62.84	12.98	53.45
Bayer	CZ 4540 LL	62.72	13.23	55.38
ProHarvest Seeds	4391CLL	62.04	12.75	52.90
Bayer	CZ 4105 LL	61.25	12.95	53.33
Bayer	CZ 3737 LL	59.53	12.75	52.73
ProHarvest Seeds	4191CLL	58.82	12.88	52.63
Southern Harvest	SH 3516 LL	56.18	12.75	52.68
Bayer	CZ 3945 LL	54.07	13.15	53.40
Bayer	CZ 3443 LL	53.13	12.90	52.63
Bayer	CZ 3233 LL	46.24	12.08	50.18
Pro Harvest	3791CLL	44.87	12.53	52.88

Liberty Link double crop ranking x yield. All maturity groups				
Company	Variety	Yield bu/a	Moist. %	T.W.
Southern Harvest	SH 3516 LL	81.18	11.30	54.80
ProHarvest Seeds	4391CLL	76.81	10.58	56.70
Bayer	CZ 3945 LL	75.92	10.55	55.38
Bayer	CZ 3737 LL	75.51	10.70	55.63
Bayer	CZ 3841 LL	74.27	10.68	56.00
Southern Harvest	SH-4817 LL	72.62	10.73	56.25
Southern Harvest	SH 3814 LL	72.37	10.68	56.33
Southern States	LL 423 N	72.08	10.43	56.00
Bayer	CZ 4044-LL	71.23	10.85	56.25
Bayer	CZ 3233 LL	69.66	11.13	55.28
Southern States	LL 473 N	68.55	10.58	56.75
Southern Harvest	SH 5215 LL	68.18	11.08	55.70
ProHarvest Seeds	4191CLL	66.98	10.55	56.03
Bayer	CZ-5147 LL	66.75	10.85	55.85
ProHarvest Seeds	4791CLL	66.63	10.83	55.90
Bayer	CZ 4540 LL	65.24	10.80	56.33
Bayer	HBK 4953 LL	65.18	11.05	55.65
Bayer	CZ 4818 LL	64.13	11.20	56.68
Bayer	CZ 3443 LL	63.37	10.79	54.83
Bayer	CZ 4222 LL	62.62	10.48	56.70
ProHarvest Seeds	4591CLL	62.52	10.58	56.18
Bayer	CZ 4105 LL	62.04	10.63	55.93
Bayer	CZ-5225 LL	61.20	11.03	55.63
Pro Harvest	3791CLL	61.00	10.70	55.78
Bayer	CZ 4748 LL	57.70	10.68	55.73
Bayer	CZ-5445 LL	51.12	10.90	55.78