



Dorchester County

## 2006 Roundup Ready Soybeans Sellers Farm

### Highway

		<i>Variety</i>	<i>Harvest Moisture %</i>	<i>Yield @13.0% Moisture per Bushel</i>		
<b>Lane</b>	Rep I	Yellow	Schillinger 465RC Grp. 4 SCN Race 3	13.5	58.89	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">56.39</div> <div style="margin-bottom: 10px;">Approx. Hill Area</div> <div style="margin-bottom: 10px;">30.45</div> <div>44.61</div> </div>
		Pink/Lt. Green	Vigoro 49N6RR	12.3	56.17	
		Pink/White	Asgrow AG 4703 Grp 4.7	12.8	58.72	
		Pink/Orange	Dynagro 36M49 Cruiser Treated	12.5	63.41	
		White/Yellow	RT-4502 NRR Southern States	13.2	52.74	
		White/Light Green	NKS43-B1 RR SCN Resistance	13.2	49.56	
		White/Pink	HiSoy 472 Grp. 4 SCN Resistance	12.9	65.67	
		Pink	Asgrow 4404 Grp 4.4	13.4	60.86	
		Blue/Pink	Clark's CL45 NRR Grp. 4 Nematode Resistant	12.1	59.84	
		Pink/Yellow	HiSoy 432 NRR Grp. 4 SDS Tolerance	13.4	59.59	
		White	Asgrow AG3505 Grp. 3.5	13.7	62.54	
		Lt. Green	Dynagro 33A37 Cruiser Treated	14.0	49.73	
		Yellow/Yellow	Pioneer 94M80 Grp. 4.8 SDS Tolerance/SCN Resistance	12.5	62.13	
		Yellow/ Lt. Green	Campbell 444NRR Grp. 4.4	12.2	57.84	
		Yellow/White	Schillinger 426RC Grp. 4 SCN Race 3	13.8	55.53	
		Yellow/Orange	Clark-CL49 NRR Grp. 4 Nematode Resistant	13.3	52.04	
		Blue/Light Green	Vigoro V36N5RR	13.7	52.43	
		Lt. Green/Yellow	DeKalb DKB42-51 Grp 4.2	13.4	55.15	
		Lt. Green/ Lt. Green	Campbell 395 NRR Grp 3.9	13.1	51.52	
		Lt. Green/White	Pioneer 94B73 Grp. 4.7 Phytophthora & FELS Resistance	12.9	43.36	
	Rep II	Yellow/ Lt. Green	Campbell 444NRR Grp. 4.4	12.8	46.69	
		Yellow/Yellow	Pioneer 94M80 Grp. 4.8 SDS Tolerance/SCN Resistance	13.2	42.86	
		Lt. Green/Yellow	DeKalb DKB42-51 Grp 4.2	13.6	34.25	
		Blue/Light Green	Vigoro V36N5RR	13.6	25.23	
		Yellow/Orange	Clark-CL49 NRR Grp. 4 Nematode Resistant	15.5	43.48	
		Yellow/White	Schillinger 426RC Grp. 4 SCN Race 3	13.4	30.71	
		Pink/ Lt. Green	Vigoro 49N6RR	13.3	40.40	
		Yellow	Schillinger 465RC Grp. 4 SCN Race 3	13.0	39.33	
		White/Light Green	NKS43-B1 RR SCN Resistance	13.5	32.48	
		White/Yellow	RT-4502 NRR Southern States	13.7	35.41	
		Lt. Green/White	Pioneer 94B73 Grp. 4.7 Phytophthora & FELS Resistance	13.6	29.44	
		Lt. Green/ Lt. Green	Campbell 395 NRR Grp 3.9	13.8	26.38	
		Pink/Yellow	HiSoy 432 NRR Grp. 4 SDS Tolerance	13.0	30.25	
		Blue/Pink	Clark's CL45 NRR Grp. 4 Nematode Resistant	13.5	30.08	
		Pink/Orange	Dynagro 36M49 Cruiser Treated	13.5	34.29	
		Pink/White	Asgrow AG 4703 Grp 4.7	12.8	25.47	
		Lt. Green	Dynagro 33A37 Cruiser Treated	14.4	14.88	
		White	Asgrow AG3505 Grp. 3.5	13.9	9.58	
		Pink	Asgrow 4404 Grp 4.4	13.7	16.80	
		White/Pink	HiSoy 472 Grp. 4 SCN Resistance	13.4	21.08	
	Rep III	Blue/Pink	Clark's CL45 NRR Grp. 4 Nematode Resistant	13.5	25.87	
		Pink/Yellow	HiSoy 432 NRR Grp. 4 SDS Tolerance	13.5	25.26	
		Yellow	Schillinger 465RC Grp. 4 SCN Race 3	13.3	32.56	
		Pink/ Lt. Green	Vigoro 49N6RR	13.4	40.95	
		Pink/White	Asgrow AG 4703 Grp 4.7	12.8	50.33	
		Pink/Orange	Dynagro 36M49 Cruiser Treated	12.9	53.91	
		Lt. Green/ Lt. Green	Campbell 395 NRR Grp 3.9	13.0	53.24	
		Lt. Green/White	Pioneer 94B73 Grp. 4.7 Phytophthora & FELS Resistance	13.3	47.63	
		White/Pink	HiSoy 472 Grp. 4 SCN Resistance	12.9	55.12	
		Pink	Asgrow 4404 Grp 4.4	13.2	53.12	
		Blue/Light Green	Vigoro V36N5RR	13.2	44.67	
		Lt. Green/Yellow	DeKalb DKB42-51 Grp 4.2	12.0	56.30	
		Yellow/Yellow	Pioneer 94M80 Grp. 4.8 SDS Tolerance/SCN Resistance	12.5	51.72	
		Yellow/ Lt. Green	Campbell 444NRR Grp. 4.4	12.2	50.68	
		White	Asgrow AG3505 Grp. 3.5	13.9	40.71	
		Lt. Green	Dynagro 33A37 Cruiser Treated	13.9	37.12	
		White/Yellow	RT-4502 NRR Southern States	13.1	45.32	
		White/Light Green	NKS43-B1 RR SCN Resistance	12.3	34.15	
		Yellow/White	Schillinger 426RC Grp. 4 SCN Race 3	13.9	37.12	
		Yellow/Orange	Clark-CL49 NRR Grp. 4 Nematode Resistant	10.9	56.38	

Abbreviations: SCN: Soybean Cyst Nematode  
FELS: Frog Eye Leaf Spot

Total Average

43.82

**Corn**

**Average Yields** - Results are shown using 3 reps and 2 reps. The second chart below eliminates the hill area results.

### Average Yield Results

		Rep I	Rep II	Rep III	Average Yield
1	Schillinger 465RC Grp. 4 SCN Race 3	58.89	39.33	32.56	43.59
2	Vigoro 49N6RR	56.17	40.40	40.95	45.84
3	Asgrow AG 4703 Grp 4.7	58.72	25.47	50.33	44.84
4	Dynagro 36M49 Cruiser Treated	63.41	34.29	53.91	50.54
5	RT-4502 NRR Southern States	52.74	35.41	45.32	44.49
6	NKS43-B1 RR SCN Resistance	49.56	32.48	34.15	38.73
7	HiSoy 472 Grp. 4 SCN Resistance	65.67	21.08	55.12	47.29
8	Asgrow 4404 Grp 4.4	60.86	16.80	53.12	43.59
9	Clark's CL45 NRR Grp. 4 Nematode Resistant	59.84	30.08	25.87	38.60
10	HiSoy 432 NRR Grp. 4 SDS Tolerance	59.59	30.25	25.26	38.37
11	Asgrow AG3505 Grp. 3.5	62.54	9.58	40.71	37.61
12	Dynagro 33A37 Cruiser Treated	49.73	14.88	37.12	33.91
13	Pioneer 94M80 Grp. 4.8 SDS Tolerance/SCN Resistance	62.13	42.86	51.72	52.24
14	Campbell 444NRR Grp. 4.4	57.84	46.69	50.68	51.74
15	Schillinger 426RC Grp. 4 SCN Race 3	55.53	30.71	37.12	41.12
16	Clark-CL49 NRR Grp. 4 Nematode Resistant	52.04	43.48	56.38	50.63
17	Vigoro V36N5RR	52.43	25.23	44.67	40.78
18	DeKalb DKB42-51 Grp 4.2	55.15	34.25	56.30	48.57
19	Campbell 395 NRR Grp 3.9	51.52	26.38	53.24	43.71
20	Pioneer 94B73 Grp. 4.7 Phytophthora & FELS Resistance	43.36	29.44	47.63	40.14
	<b>Total Average</b>				<b>43.82</b>

### Average Yield Results without hill area

		Rep I	Rep II	Rep III	Average Yield
1	Schillinger 465RC Grp. 4 SCN Race 3	58.89	<del>39.33</del>	<del>32.56</del>	58.89
2	Vigoro 49N6RR	56.17	40.40	40.95	45.84
3	Asgrow AG 4703 Grp 4.7	58.72	<del>25.47</del>	50.33	54.53
4	Dynagro 36M49 Cruiser Treated	63.41	<del>34.29</del>	53.91	58.66
5	RT-4502 NRR Southern States	52.74	<del>35.41</del>	45.32	49.03
6	NKS43-B1 RR SCN Resistance	49.56	<del>32.48</del>	34.15	41.86
7	HiSoy 472 Grp. 4 SCN Resistance	65.67	<del>21.08</del>	55.12	60.40
8	Asgrow 4404 Grp 4.4	60.86	<del>16.80</del>	53.12	56.99
9	Clark's CL45 NRR Grp. 4 Nematode Resistant	59.84	<del>30.08</del>	<del>25.87</del>	59.84
10	HiSoy 432 NRR Grp. 4 SDS Tolerance	59.59	<del>30.25</del>	<del>25.26</del>	59.59
11	Asgrow AG3505 Grp. 3.5	62.54	<del>9.58</del>	40.71	51.63
12	Dynagro 33A37 Cruiser Treated	49.73	<del>14.88</del>	37.12	43.43
13	Pioneer 94M80 Grp. 4.8 SDS Tolerance/SCN Resistance	62.13	42.86	51.72	52.24
14	Campbell 444NRR Grp. 4.4	57.84	46.69	50.68	51.74
15	Schillinger 426RC Grp. 4 SCN Race 3	55.53	<del>30.71</del>	37.12	46.33
16	Clark-CL49 NRR Grp. 4 Nematode Resistant	52.04	43.48	56.38	50.63
17	Vigoro V36N5RR	52.43	25.23	44.67	40.78
18	DeKalb DKB42-51 Grp 4.2	55.15	34.25	56.30	48.57
19	Campbell 395 NRR Grp 3.9	51.52	<del>26.38</del>	53.24	52.38
20	Pioneer 94B73 Grp. 4.7 Phytophthora & FELS Resistance	43.36	<del>29.44</del>	47.63	45.50
	<b>Total Average</b>				<b>51.44</b>

### Field History

Planting Date: June 9, 2006  
 Planter: Great Plains Drill  
 Spacing: 7" spacing  
 Varieties: 20 Roundup Ready varieties  
 Plot size: 200 feet long x 12 feet wide  
 Previous Crop: Corn in 2005  
 Field Average Yield: 53.0 Bu. – Asgrow 3905RR

Harvest Date: 10/30/06  
 Combine: Massey Ferguson 8460  
 Herbicide Application: Burndown – 22 ounces Roundup and  
 ½ pint Salvo (2,4-D)  
 Fertility: 3 tons chicken manure applied in '05  
 No fertilizer in '06

15A – Hambrook Loam 0 – 2% slope  
 15B – Hambrook Loam 2 – 5% slope  
 22A – Matapeake Silt Loam 0 – 2% slope

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