

2022

Improving Corn Yields Through Innovation



**2022 North Carolina  
Corn Yield Contest**

**Official Results**

# 2022 Corn Yield Contest Regional Winners

## Dryland Division

### AREA 1: Tidewater

<u>Winner:</u>	Willow Creek Farms 289.90 bushels/acre Perquimans County	<u>Runner Up:</u>	Delbert Armstrong Jr. 273.50 bushels/acre Hyde County
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Agent Achievement Award: Andrea Gibbs, Hyde County – 271.53 bushels/acre

### AREA 2: Northern Coastal Plain

<u>Winner:</u>	Warren Hardy 291.50 bushels/acre Lenior County	<u>Runner Up:</u>	Justin Hardy 239.45 bushels/acre Lenior County
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Agent Achievement Award: Tim Britton, Johnston County – 293.45 bushels/acre

### AREA 3: Southern Coastal Plain

<u>Winner:</u>	Tyler Sholar 296.66 bushels/acre Pender County	<u>Runner Up:</u>	Anthony Smith 259.61 bushels/acre Duplin County
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Agent Achievement Award: Della King, Duplin County – 253.59 bushels/acre

### AREA 4: Central North Carolina

<u>Winner:</u>	Medlin Farms 250.14 bushels/acre Union County	<u>Runner Up:</u>	Austin Farming Group 240.44 bushels/acre Union County
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Agent Achievement Award: Ben Grandon, Guilford County – 276.92 bushels/acre

### AREA 5: Western North Carolina

<u>Winner:</u>	Hedrick & Lane Farms 459.51 bushels/acre Catawba County	<u>Runner Up:</u>	Wood Farm, LLC. 288.66 bushels/acre Cherokee County
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Agent Achievement Award: Marsha McGraw, Davie County – 272.53 bushels/acre

## **Dryland Division State Winners**

**Champion:** Hedrick & Lane Farms  
459.51 bushels/acre  
Catawba County

**Runner-Up:** Tyler Sholar  
296.66 bushels/acre  
Pender County

**Dryland Division No-Till Winner:** Hedrick & Lane Farms  
459.51 bushels/acre  
Catawba County

## **Irrigated Division State Winners**

**Champion:** T.J. Sasser Kornegay Farms  
298.82 bushels/acre  
Johnston County

**1<sup>st</sup> runner up:** PD Three Farming Inc. and LFR Farms Int.  
292.21 bushels/acre  
Catawba County

**2<sup>nd</sup> runner up:** Matthews Family Farms of NC, Inc.  
290.71 bushels/acre  
Davie County

**3<sup>rd</sup> runner up:** Lewis Bros. Farms  
287.57 bushels/acre  
Guilford County

**Irrigated Division No-Till Winner:** T.J. Sasser Kornegay Farms  
298.82 bushels/acre  
Johnston County

NORTH CAROLINA CORN YIELD CONTEST INFORMATION

Producer Information				Planting Information				Main Fertilizer				Manure			Other Inputs and Practices				Calculation of Yield													
Name	County	Area	Division	Till	Tillage Tools	Hybrid	Plant Pop.	Row Width	Planting Date	Previous Crop	lbs nutrient per acre			Kind	Amount	Use Starter	Seed Treatment	Herbicide First	Herbicide Second	Herbicide Third	Insecticide First	Insecticide Second	Fungicide First	Fungicide Second	Fungicide Third	Corn Weight	Moist.	Area	Total			
											N	P	K																	S		
<b>IRRIGATED DIVISION</b>																																
TJ Sasser Konegway Farms 610 Worley Road Princeton, NC 27569 PD Thres Farming Inc. and LFR Farms Catawba 2952 Lou Hayle Lane Newlon, NC 19858	Johnston	2	Irigated	No-Till	DK 68-69	33000	30	14-Apr	Butternut squash	320	15	180	Other	3 tons	Yes		Atrazine Broadcast Planting Biop II	Halex GT Broadcast VT			Byfenthrin Broadcast VT	Approach P Broadcast VT				20190	19	1.156	298.8158			
TJ Sasser Konegway Farms 610 Worley Roads Princeton, NC 27569 Matthews Family Farms 1516 Taylor Road East Bend, NC 27018	Johnston	2	Irigated	No-Till	DK 68-69	33000	30	14-Apr	Butternut squash	320	15	180	Other	3 tons	Yes		Atrazine Broadcast Planting Atrazine	Halex GT Broadcast V3			Gramoxone Broadcast Planting	Byfenthrin Broadcast VT	Approach P Broadcast VT				22460	20.3	1.299	291.2153		
TJ Sasser Konegway Farms 610 Worley Road Princeton, NC 27569 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Matthews Family Farms 1516 Taylor Road East Bend, NC 27018	Davie	5	Irigated	No-Till	P 1870 YHR	33000	22	22-Apr	Corn	220	140	200			Yes	Invigor 8	Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Keystone Broadcast V5		Clarity Broadcast Post	Byfenthrin Broadcast VT	Approach P Broadcast VT	Velyma Broadcast R2				32570	20.7	1.8775	290.7142		
TJ Sasser Konegway Farms 610 Worley Road Princeton, NC 27569 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Matthews Family Farms 1516 Taylor Road East Bend, NC 27018	Johnston	2	Irigated	No-Till	DK 68-69	33000	30	14-Apr	Butternut squash	320	15	180	Other	3 tons	Yes		Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Halex GT Broadcast V5			Byfenthrin Broadcast VT	Approach P Broadcast VT				23040	20.6	1.332	290.2378			
Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Matthews Family Farms 1516 Taylor Road East Bend, NC 27018	Guilford	4	Irigated	No-Till	P 1222	38000	30	23-Apr	Soybean	386	332	294	Poultry	4 l	Yes	Lunigen Premium	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4		Capture LFR In-Furrow Planting	Sniper LFR Broadcast VT	Xyway In-Furrow Planting	Prisoxr Broadcast V5 and R2	Velyma Broadcast V7 and R2				22040	18.5	1.32	297.5746	
Matthews Family Farms 1516 Taylor Road East Bend, NC 27018 Chase-Alan Harris 3310 Hwy 91 Snow Hill, NC 28580	Davie	5	Irigated	No-Till	P 1870 YHR	33000	22	22-Apr	Soybean	220	140	200			Yes	Invigor 8	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4		Clarity Broadcast Post	Capture LFR In-Furrow Planting	Sniper LFR Broadcast VT	Xyway In-Furrow Planting	Prisoxr Broadcast V5	Velyma Broadcast V7 and R2				22820	19.3	1.347	286.3873
Chase-Alan Harris 3310 Hwy 91 Snow Hill, NC 28580 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Johnny Sykes 1387 NCHS Road Conway, NC 27820	Greene	2	Irigated	Conventional Till	Disk Harrow	DK 6869	38000	30	7-Apr	none	325	300			Yes	Poncho 1250	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4			Sniper Broadcast At Tassel	Triva Pro Broadcast At Tassel				21920	19	1.353	277.3212			
Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Johnny Sykes 1387 NCHS Road Conway, NC 27820 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214	Guilford	4	Irigated	No-Till	DKC 63-57	38000	30	23-Apr	Soybean	386	332	294	Poultry	4 l	Yes	Lunigen Premium	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4		Capture LFR In-Furrow Planting	Sniper LFR Broadcast VT	Xyway In-Furrow Planting	Prisoxr Broadcast V5	Velyma Broadcast R2				20680	18.4	1.308	272.6391	
Johnny Sykes 1387 NCHS Road Conway, NC 27820 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214	Northampton	2	Irigated	No-Till	Augusta 7168	36000	30	24-Apr	Peanut	285	80	275	Poultry	1.5 tons	Yes		Zidua Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4					Triva Pro Broadcast V8				22880	18	1.463	271.0072		
Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 CLO Farms LLC 2911 Elmway Raleigh, NC 27614	Guilford	4	Irigated	No-Till	D54VC34	38000	30	23-Apr	Soybean	386	332	294	Poultry	4 l	Yes	Lungen Premium	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4		Capture LFR In-Furrow Planting	Sniper LFR Broadcast VT	Xyway In-Furrow Planting	Prisoxr Broadcast V5	Velyma Broadcast V7 and R2				20960	20.9	1.295	270.5536	
Lewis Bios Farms 8130 Troxler Mill Road Gibsonville, NC 27214 CLO Farms LLC 2911 Elmway Raleigh, NC 27614 Edwards Farm Equipment 470 Mellon Bridge Road Whitakers, NC 27891	Guilford	4	Irigated	No-Till	P 1718	38000	30	23-Apr	Soybean	386	332	294	Poultry	4 l	Yes	Lunigen Premium	Verdict + Atrazine Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V4		Capture LFR In-Furrow Planting	Sniper LFR Broadcast VT	Xyway In-Furrow Planting	Prisoxr Broadcast V5	Velyma Broadcast R2				19160	17	1.263	266.0881	
CLO Farms LLC 2911 Elmway Raleigh, NC 27614 Edwards Farm Equipment 470 Mellon Bridge Road Whitakers, NC 27891 Johnny Sykes 1387 NCHS Road Conway, NC 27820	Northampton	2	Irigated	No-Till	DKC 62-70	36000	30	22-Apr	Soybean	272	78	63			Yes	ELT 500	Roundup Broadcast Planting	Shaper Broadcast Planting		Lead off Broadcast Planting	Capture LFR In-Furrow Planting	Xyway In-Furrow Planting	Stratego R3				22160	18.3	1.443	265.1434		
Edwards Farm Equipment 470 Mellon Bridge Road Whitakers, NC 27891 Johnny Sykes 1387 NCHS Road Conway, NC 27820 R&R Farms Inc. 4347 Tower Ridge Road Brown Summit, NC 27214	Nash	2	Irigated	No-Till	Pioneer 1870	32000	30	15-Apr	Corn	300	200	250			50	Yes	Other	Atrazine Broadcast Planting Roundup Broadcast Planting	Halex GT Broadcast Layby		Slead Broadcast Ambush Aviplane Tassel	Delaro Broadcast Tassel				20960	18	1.374	264.3466			
Johnny Sykes 1387 NCHS Road Conway, NC 27820 R&R Farms Inc. 4347 Tower Ridge Road Brown Summit, NC 27214 Tyler Reeves 2550 Greenbridge Rd. Garland, NC 28441	Northampton	2	Irigated	No-Till	D58VC65	36000	30	24-Apr	Peanut	285	80	275	Poultry	1.5	Yes		Zidua Broadcast Planting Roundup Broadcast Pre-Plant	Arthem Flex Broadcast V3					Velyma Broadcast V8				20640	17.9	1.356	264.0879		
R&R Farms Inc. 4347 Tower Ridge Road Brown Summit, NC 27214 Tyler Reeves 2550 Greenbridge Rd. Garland, NC 28441 Danielle Vernable 1007 Vernon Road East Bend, NC 27018	Guilford	4	Irigated	No-Till	P1718VYHR	32000	30	24-Apr	none	300	80	100			Yes		Athem Max Broadcast Planting	Arthem Flex Broadcast V4		Roundup Broadcast Planting	Capture In-Furrow Planting	Delaro Broadcast Triva Pro Ingration				18780	17.5	1.249	262.1455			
Danielle Vernable 1007 Vernon Road East Bend, NC 27018 Austin Byant P O Box 14 Jackson, NC 27845 Johnny Sykes 1387 NCHS Road Conway, NC 27820 Paul Dail 131 Fannin School Road Kaneville, NC 28349	Sampson	3	Irigated	Conventional Till	Disk	DKC 69-99	32000	30	6-Apr	Corn	90		Swine Effluent	6 tons	Yes		Atrazine Broadcast V5 Roundup Broadcast V3	Impact Broadcast V5 Keystone Broadcast V3		Roundup Broadcast V5 Clarity Broadcast V3		Velyma Broadcast V5 Velyma Broadcast R2				16220	22	1.043	256.34			
Austin Byant P O Box 14 Jackson, NC 27845 Johnny Sykes 1387 NCHS Road Conway, NC 27820 Paul Dail 131 Fannin School Road Kaneville, NC 28349 Tommy Williamson 4361 NC Hwy 1095 Mt. Cassel, NC 27306 SAS Farms of Bladenboro 19847 Hwy 131 Bladenboro, NC 28320	Yadkin	5	Irigated	No-Till	P1222YHR	35000	22	23-Apr	none	220	100	200	Other	3 ton/acre	Yes	Pentalex/Invigor8	Verdict + Atrazine Broadcast Planting Roundup Broadcast V3	Generic Roundup Broadcast Pre-Plant		Lauds Broadcast Pre-Plant						22540	16.5	1.5768	252.243			
Johnny Sykes 1387 NCHS Road Conway, NC 27820 Paul Dail 131 Fannin School Road Kaneville, NC 28349 Tommy Williamson 4361 NC Hwy 1095 Mt. Cassel, NC 27306 SAS Farms of Bladenboro 19847 Hwy 131 Bladenboro, NC 28320 Lassiter Family Farm 2082 Lassiter Road Conway, NC 27820	Northampton	2	Irigated	Conventional Till	P1870YHR	36000	30	24-Apr	Peanut	285	80	275	Poultry	1.5	Yes		Zidua Broadcast Planting Roundup Broadcast Pre-Plant	Generic Roundup Broadcast Pre-Plant		Lauds Broadcast Pre-Plant				Velyma Broadcast V8				24580	19.3	1.6639	251.9321	
Lassiter Family Farm 2082 Lassiter Road Conway, NC 27820 Bill Sexton 125 Sexton Farm Road Plymouth, NC 27962 Doug Maxwell 112 Park Road Greenville, NC 27928 Jed Span 1501 Roosevelt Avenue Plymouth, NC 27962 Andy Herring 1591 Watery Branch Rd. Dunn, NC 28526 Megan Span 1501 Roosevelt Avenue Plymouth, NC 27962	Duplin	3	Irigated	Conventional Till	Chisel/Disk/Cultivate	P1185 YHR	33000	30	5-Apr	Corn	230	232	Chicken House	5 tons	Yes	Poncho 1250	Halex GT Broadcast V5 Broadcast V5	Arthem Flex Broadcast V4 Prinsep Broadcast V5 Atrazine + Capreno Broadcast V5 Zidua Roundup			Warrior Broadcast V5, V10	Byfenthrin Broadcast R2	Quadris Broadcast V10	Velyma Broadcast R2				31140	19.5	2.109	251.1847	
Bill Sexton 125 Sexton Farm Road Plymouth, NC 27962 Doug Maxwell 112 Park Road Greenville, NC 27928 Jed Span 1501 Roosevelt Avenue Plymouth, NC 27962 Andy Herring 1591 Watery Branch Rd. Dunn, NC 28526 Megan Span 1501 Roosevelt Avenue Plymouth, NC 27962 Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Montgomery	4	Irigated	No-Till	P2042YHR	32000	15	27-Apr	Soybean	100	100		Chicken House	2 ton	No	Poncho 1250	Atrazine Spray Pre-Plant Roundup Broadcast V5	Prinsep Broadcast V5 Atrazine + Capreno Broadcast V5 Zidua Roundup		Glyphosate Spray V6	Fanfare Pyrethrc Broadcast VT	Velyma Aero VT				17280	18.7	1.209	245.5632			
Andy Herring 1591 Watery Branch Rd. Dunn, NC 28526 Megan Span 1501 Roosevelt Avenue Plymouth, NC 27962 Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Bladen	3	Irigated	Conventional Till	Vertical Till	P 1464	34000	20	13-Apr	Soybean	200	50	200		Yes		Roundup Broadcast V5 Broadcast V5	Arthem Flex Broadcast V4 Atrazine + Capreno Broadcast V5 Zidua Roundup		Biifenthrin Broadcast v12		Stratego YL Broadcast v12				14620	12.5	1.161	232.65			
Bill Sexton 125 Sexton Farm Road Plymouth, NC 27962 Doug Maxwell 112 Park Road Greenville, NC 27928 Jed Span 1501 Roosevelt Avenue Plymouth, NC 27962 Andy Herring 1591 Watery Branch Rd. Dunn, NC 28526 Megan Span 1501 Roosevelt Avenue Plymouth, NC 27962 Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Northampton	2	Irigated	No-Till	DG54V/C34	31000	36	12-Apr	Soybean	200			Chicken House	4 tons	No	Poncho 500	Pre-Plant Roundup Broadcast Pre-Plant	Pre-Plant Roundup Broadcast V4			Halex GT Broadcast V4	Sniper Broadcast VT						12500	14.9	1.047	214.708	
Andy Herring 1591 Watery Branch Rd. Dunn, NC 28526 Megan Span 1501 Roosevelt Avenue Plymouth, NC 27962 Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Washington	1	Irigated	Conventional Till	Ripper	D58VC65	32000	36	25-Apr	Soybean	200	50	80		Yes	Poncho 1250	Pre-Plant Roundup Broadcast Pre-Plant	Pre-Plant Roundup Broadcast V4			Halex GT Broadcast V4	Sniper Broadcast VT						18240	18.5	1.467	214.1448	
Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Washington	1	Irigated	Conventional Till	Ripper, Strip Till	DKC 68-69	32000	36	25-Apr	Soybean	200	50	80		No	Poncho 1250	Pre-Plant Roundup Broadcast Pre-Plant	Pre-Plant Roundup Broadcast V4			Halex GT Broadcast V4	Sniper Broadcast VT						12590	16.7	1.081	204.8991	
Jason Williams 1160 Sain Road Fairfield, NC 27826	Sampson	3	Irigated	No-Till	P1187YVHR	28000	30	12-Apr	Cucumber	195	45			No	Poncho 1250	Roundup Broadcast Planting V5 Roundup Broadcast Pre-Plant, V4	Atrazine Broadcast Planting V5 Atrazine Broadcast V4			Beisage Broadcast VT	Approach P Broadcast VT						14400	18.9	1.239	199.1899		
Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Washington	1	Irigated	Conventional Till	Ripper, Strip Till	DKC 68-69	34000	36	25-Apr	Soybean	200	50	80		No	Poncho 1250	Roundup Broadcast Pre-Plant, V4	Atrazine Broadcast V4			Halex GT Broadcast V4	Sniper Broadcast VT						11640	16.5	1.051	195.4303	
<b>DRYLAND AREA 1 - TIDEWATER</b>																																
Willow Creek Farms 505 Great Hopechurch Rd. Hertford, NC 27844 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Perquimans	1	Non-irrigated	Conventional Till	TurboTill	DKC 68-69	31500	30	28-Apr	Soybean	170	70	100		Yes	Poncho 1250	Roundup Broadcast Pre-Plant	Keystone Broadcast										20220	19.4	1.167	289.9045	
Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Delbert Armstrong Jr. 4707 NC 49N Pantego, NC 27860 Armstrong Farms Chris Smith 4707 NC 49N Pantego, NC 27860 Boerema Farms 4785 NC Hwy 45N Pantego, NC 27860 Jason Williams 1160 Sain Road Fairfield, NC 27826	Hyde	1	Non-irrigated	No-Till	DKC 68-95	38000	22	31-Mar	Soybean	183	232	163			Yes	Poncho 1250																

Poplar Neck Farms 805 Yeopim Road Edenton, NC 27832	Chowan	1 Non-irrigated Conventional Till	Disc and Turbo Till	DKC 6744	32000	20	12-Apr Cotton	245	60	100	20	Yes	Poncho 1250	Dual Broadcast Planting	Roundup/Atrisan/Impact Broadcast	Byfenthrin Broadcast VT	Triva Pro Broadcast VT	27880	17.8	1.865	280.6129	
Jason Williams 1169 Sahn Road Fairfield, NC 27826	Hyde	1 Non-irrigated Conventional Till	Chisel, cultivator, bedder	AgriGold 6544	35000	30	14-Apr Soybean	230	50	75		Yes	Poncho 1250	Atrazine + Roundup Broadcast Planting	Halex GT Broadcast V3	Blenthrin Broadcast R1	Triavro Broadcast R1	16900	21.6	1.076	260.223	
Howell Farms P.O. Box 40 Pinetown, NC 27865	Beaufort	1 Non-irrigated Conventional Till	Degelman Pro-till	A646-12V72	34700	30	15-Apr Soybean	205	60	90		Yes	Poncho 1250	Halex GT Broadcast VS	Atrazine Broadcast VS	Blenthrin Broadcast VS	Vellyma Broadcast R1	17680	21.7	1.129	259.1226	
Allen Weeks 451 Dryridge Rd. Elizabeth City, NC 27909	Pasquotank	1 Non-irrigated Conventional Till	Subsoil, chisel plow, field cul	Axis 63M73	33500	20	5-Apr Soybean	270	95	120		Yes	Poncho 1250/Volvo	Outlook Broadcast Planting	Atrazine/Roundup Broadcast Planting/V3-VT	Status Broadcast V3-VT	Byfenthrin Broadcast R1	Vellyma Broadcast R1	34280	20.5	2.244	256.6495
Tommy Phelps 250 Albemarle Shores Extended Columbia, NC 27925	Tyrrell	1 Non-irrigated No-Till		DKC 69-99	37500	20	22-Apr Soybean					No	Poncho 1250	Roundup Broadcast V4	Atrazine Broadcast V4				16120	1.8	1.09	256.2758
Jeff Small Farms 528 Small Drive Elizabeth City, NC 27909	Pasquotank	1 Non-irrigated Conventional Till	Chisel plow, diskavator, roller	DKC 64-65	35000	20	12-Apr Soybean	229	7.7			Yes	Other	Roundup Broadcast V3-VT	Atrazine Broadcast V4	Empyros Broadcast V3-VT			16960	17.6	1.157	255.2554
MK Berry Family Farms 1157 Doublebridge Rd. Elizabeth City, NC 27909	Pasquotank	1 Non-irrigated No-Till		Augusta 7168	34000	30	29-Apr Soybean	234	46	84		Yes	Cruiser 1250	Warrant/Gramoxone Broadcast Planting	Atrazine/Roundup Broadcast Planting		Vellyma Broadcast R1	17320	20.5	1.16	250.849	
Joey Oliver 2210 Lake Road Pantego, NC 27860	Washington	1 Non-irrigated Conventional Till	Strip Till	AgriGold A643-52 VT2	34000	30	12-Apr Soybean	160	80			Yes							18340	16.2	1.302	249.4524
Tommy Phelps 250 Albemarle Shores Extended Columbia, NC 27925	Tyrrell	1 Non-irrigated No-Till		DKC 64-65	25000	20	22-Apr Soybean					No	Poncho 1250	Roundup Broadcast V4	Atrazine Broadcast V4				14640	17.7	1.029	247.4462
Howell Farms P.O. Box 40 Pinetown, NC 27865	Beaufort	1 Non-irrigated Conventional Till	Degelman Pro-till	A646-12V72	34700	30	15-Apr Soybean	205	60	90		Yes	Poncho 1250	Halex GT Broadcast VS	Atrazine Broadcast VS	Blenthrin Broadcast V8	Vellyma Broadcast R1	17440	21.4	1.171	247.3816	
Terry Noblit 217 NC Hwy 343 N Camden, NC 7921	Curtluck	1 Non-irrigated No-Till		DeKalt 6618	38720	20	24-Apr Soybean	300	100	145	25	No	Poncho 1250	Abundant Edge and Lead Off Broadcast	Harness and Atrazine e Broadcast	Atrazine and Broadcast VS			17980	20.6	1.228	245.8785
Terry Noblit 217 NW Highway 33 N Camden, NC 27921	Curtluck	1 Non-irrigated No-Till		DeKalt 6618	38720	20	24-Apr Soybean	300	100	145	25	No	Poncho 1250	Abundant Edge and Lead Off Broadcast	Harness and Atrazine Broadcast	Atrazine/Abur Broadcast VS			23560	20.7	1.614	244.6246
Poplar Neck Farms 605 Yeopim Road Edenton, NC 27932	Chowan	1 Non-irrigated Conventional Till	Disc and Turbo Till	DKC 6244	32000	20	12-Apr Cotton	245	60	100	20	Yes	Poncho 1250	Dual Broadcast Planting	RB/Atrazine/Impact Broadcast	Byfenthrin Broadcast VT	Triva Pro Broadcast VT	36960	18.5	2.834	242.9718	
Terry Noblit 217 NC Hwy 343 N Camden, NC 27921	Camden	1 Non-irrigated No-Till		Croplan 5340	38720	20	16-Apr Soybean	300	85	135	34.5	No	Poncho 1250	Abundant Edge/Lead Off Broadcast	Harness/Atrazine Broadcast	Atrazine/Abur Broadcast VS			19780	20.3	1.301	239.504
Terry Noblit 217 NC Hwy 343 N Camden, NC 27921	Camden	1 Non-irrigated No-Till		P 1622	38720	20	16-Apr Soybean	300	85	135	34.5	No	Poncho 1250	Abundant Edge + Leadoff Broadcast	Harness Plus Broadcast	Atrazine + Ab Broadcast VS			17720	21.8	1.251	234.9822
Doug Maxwell 112 Park Road Crawell, NC 27928	Washington	1 Non-irrigated Conventional Till	Dyna Drive, Bedded	P 1870YHR	32500	36	4-May Soybean	245	75	105		No	Poncho 1250	Pre-Plant Roundup Broadcast	Atrazine + Roundup Broadcast	Atrazine + Ro Sniper Broadcast V11	Triavro Broadcast V11	Approach/Prima Broadcast V11	23380	20.4	1.717	229.0565
Black Gold Farms of Camden 315 Main Road Camden, NC 27921	Camden	1 Non-irrigated Conventional Till	Chisel Plow, mulch finisher	D57RRS1	30000	30	21-Apr Soybean	186	59	28	42	Yes	Poncho 1250	Pre-Plant Roundup Broadcast	Abundant Edge + Leadoff + Helife Broadcast			21960	20.1	1.624	228.3223	
Bliss F. Reid & Son 577 Body Road Elizabeth City, NC 27909	Pasquotank	1 Non-irrigated Conventional Till	mini moldboard with rippers,	Pioneer 2069	36800	24	29-Apr Soybean	200	154	54.1		Chicken House 1 ton	No	Poncho 1250	Pre-Plant Roundup Broadcast	Dual Broadcast	Atrazine/Labe Besiege Broadcast V3-VT	Stratego VL Broadcast R2	13900	15.4	1.158	214.6011
Bliss F. Reid & Son 577 Body Road Elizabeth City, NC 27909	Pasquotank	1 Non-irrigated Conventional Till	Field Cultivator, chisel plow	Augusta 3062	36800	24	12-Apr Soybean	200	154	54.1		Chicken House 1 ton	No	Cruiser 1250	Mesoflone Broadcast Planting	Dual Broadcast	Atrazine/Labe Besiege Broadcast V3-VT	Stratego VL Broadcast R2	13800	15.5	1.425	170.4261

### DRYLAND AREA 2 - NORTHERN COASTAL PLAIN

Warren Hardy 8076 Hwy 55 W Seven Springs, NC 28578	Lenoir	2 Non-irrigated Conventional Till	Deep Rip and Turbo Till	AV9916AM	34000	22	15-Apr Corn	175				Poultry	3.5	Yes	Poncho 1250	Atrazine Broadcast Planting	Halex GT Broadcast V3	Byfenthrin Broadcast VS			28120	19.7	1.637	291.4993
Justin Hardy 8076 Hwy 55 W Seven Springs, NC 28578	Lenoir	2 Non-irrigated Conventional Till	Deep Rip and Turbo Till	Local 1307	34000	22	15-Apr Corn	175				Poultry	3.5	Yes	Poncho 1250	Atrazine Broadcast Planting	Halex GT Broadcast V3	Byfenthrin Broadcast VS			22200	19	1.587	239.4508
Sylvan Hardy 8076 Hwy 5 W Seven Springs, NC 28578	Lenoir	2 Non-irrigated Conventional Till	Deep Rip and Turbo Till	DKC 68-95	34000	22	15-Apr Corn	175				Poultry	3.5	Yes	Poncho 1250	Atrazine Broadcast Planting	Halex GT Broadcast V3-VT	Blin Broadcast VS			22960	21.2	1.601	238.8152
Jonathan Sutton 3094 Ashew Road Farmville, NC 27928	Pitt	2 Non-irrigated No-Till		Pioneer 1289	32500	36	2-May Soybean	213	120				Yes	Poncho 500	Bioep II Broadcast	Atrazine Broadcast Planting	Halex GT Broadcast V3	Capture Broadcast VS	Bifenture RI	Approach P Broadcast R1	13460	17.7	1.065	219.8116
Will Harper 729 Newell Road Soco Hill, NC 28580	Greene	2 Non-irrigated Conventional Till	Disk, DMI	DKC 6794	30000	30	11-Apr none	205				Swine Effluent	Yes	Poncho 500	Atrazine Broadcast Planting	Roundup Broadcast VS	Atrazine Broadcast VS	Byfenthrin Broadcast VS			12960	17.2	1.035	219.104
Hughson Farms Inc 750 Bethany Church Rd Coleson, NC 27824	Bertie	2 Non-irrigated Conventional Till	Landoll VT f.b. bedders	DKC 65-20	28000	36	22-Apr Soybean	122	4	1.5		Chicken House 1 ton	No		Bioep and Atrazine Broadcast Planting	Makaze/Resource/Atrazine Broadcast	Sniper Broadcast VS			12040	13.8	1.05	208.8814	
Webb Family Farms, LLC 6227 Holden Cross Roads Stantonsburg, NC 27883	Wilson	2 Non-irrigated No-Till		DKC 63-57	28500	30	17-May Corn	129			2	Poultry	2	Yes	Poncho 1250	Roundup + 2,4-D Broadcast Planting	Bioep + Gramoxone Broadcast			12340	14.1	1.074	208.5736	
Will Harper 729 Newell Road Soco Hill, NC 28580	Greene	2 Non-irrigated Conventional Till	Disk DMI	DKC 6869	30000	30	11-Apr none	205				Swine Effluent	Yes	Poncho 500	Atrazine Broadcast Planting	Roundup Broadcast VS	Atrazine Broadcast VS	Byfenthrin Broadcast VS			11480	17.6	1.005	198.9108
Blalock Farms, LLC 5806 Blalock Road Wilson, NC 27893	Wilson	2 Non-irrigated No-Till		DKC 65-20	25300	30	14-Apr Soybean	177	8	90			Yes	Poncho 1250	Roundup + 2,4-D Broadcast Pre-Plant	Atrazine + Capreno Broadcast V3	Atrazine Broadcast Planting			12520	14.5	1.183	191.2234	

### DRYLAND AREA 3 - SOUTHERN COASTAL PLAIN

Tyler Sholar 570 Lighthouse Road Wallace, NC 28486	Pender	3 Non-irrigated Conventional Till	Disk, Field Cultivator	Croplan 5678	32000	30	16-Apr Soybean	100				Chicken House	7	No	Cruiser Max 250	Halex GT Broadcast Planting	Atrazine Broadcast Planting	Blfen Broadcast VT	Teblzol Broadcast R1	16980	16.5	1.01	296.6594		
Anthony Smith 2444 N NC Hwy 111 Pink Hill, NC 28572	Duplin	3 Non-irrigated Conventional Till	Rip and bedded	DK 69-99	30000	30	15-Apr Corn	280	150			Poultry	3 tons	Yes	Poncho 1250	2,4-D, Roundup Broadcast	Atrazine Broadcast	Byfenthrin Broadcast VT	Mivra Mio Broadcast VT	19680	18.6	1.304	259.6134		
Davie Farming P.O. Box 299 Calypso, NC 28572	Duplin	3 Non-irrigated Conventional Till	Strip Till	DK 67.44	30000	30	10-Apr Soybean	230	20	105			Yes		Bioep Broadcast	Pre-Plant Lixek Broadcast	Blfen Broadcast VT	Xyway In-Furrow Broadcast VT	15640	16.2	1.103	249.9748			
Kyle Reeves 2950 Greensbridge Road Garland, NC 28441	Sampson	3 Non-irrigated Conventional Till	Disk	MC 4725VT2P	32000	30	5-Apr Corn	90				Swine Effluent	6 tons	Yes	Poncho 1250	Atrazine Broadcast VS	Impact Broadcast VS	Roundup Broadcast VS	Vellyma Broadcast VT	15960	16	1.161	244.0255		
Seth Sholar 570 Lighthouse Road Wallace, NC 28486	Pender	3 Non-irrigated Conventional Till	Disk, Field Cultivator	Croplan 5678	32000	30	16-Apr none						No								13940	16.5	1.0185	241.5147	
Jason Thynell 333 Cedar Lake Lane Clinton, NC 28328	Sampson	3 Non-irrigated No-Till		P1847VYHR	29000	19	15-Apr Corn	57	60			Poultry	3 tons	Yes	Ponch 250	Roundup Broadcast Planting	Atrazine Broadcast Planting	Laudis Broadcast V6, VLT	Byfenthrin Broadcast V6	Quit Excel Broadcast VT	Stratego Broadcast VT	20560	17.1	1.5664	231.4258
Hank Bond 260 Batchelor Bay Road Wallace, NC 28486	Onslow	3 Non-irrigated Conventional Till		Pioneer 1464	32000	30	22-Apr Soybean						No		Atrazine Broadcast Planting	Halex GT Broadcast V3	Atrazine Broadcast V3	Blfen Broadcast RT	Teblzol Broadcast R1	13000	17.6	1.035	218.7185		
Ham-Dy Land Farms 260 Batchelor Bay Road Wallace, NC 28486	Onslow	3 Non-irrigated No-Till		Pioneer 1464	32000	30	22-Apr Soybean	20					No	Cruiser Max 350	Atrazine Broadcast Planting	Halex GT Broadcast V3	Atrazine Broadcast V3	Byfenthrin Broadcast VT	Teblzol Broadcast R1	12900	17.9	1.035	217.922		
Jamie Beasley 1274 Wynn Rd. Clinton, NC 28328	Sampson	3 Non-irrigated No-Till		P162ZVYHR	28000	30	21-Apr Corn	44				Poultry	6 tons	Yes	Poncho 1250	Atrazine Broadcast Planting	Halex/Atrazine Broadcast VS	Quit Excel Broadcast VT	Aerial VT	18260	16.8	1.5667	204.9243		

Bonnie Wise 1540 Walely Branch Rd. Dunn, NC 28334	Sampson	3 Non-irrigated No-Till	P1464VYHR	28000	30	12-Apr Soybean	159	45	No	Poncho 250	Roundup Broadcast Flantins_V5	Atrazine Broadcast Flantins_V5	Besiege Broadcast VT	Approach P Broadcast VT	11620	19.4	1.027	192.7196
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**DRYLAND AREA 4 - CENTRAL NORTH CAROLINA**

Medlin Farms 3221 Lawyer Road East Monroe, NC 28110	Union	4 Non-irrigated No-Till	1622 30000	30	27-Apr Soybean	132		Poultry	6 tons	No	Gramoxone Extra Broadcast Flantins_V5	Bisop Broadcast Flantins_V5	Capreno Broadcast V6		21540	16.2	1.525	250.1354		
Medlin Farms 3221 Lawyers Road East Monroe, NC 28110	Union	4 Non-irrigated No-Till	P1870YHR	30000	30	27-Apr Soybean	132		Poultry	6 tons	No	Gramoxone Extra Broadcast Flantins_V5	Bisop Broadcast V6	Capreno Broadcast V6		14740	16.6	1.063	244.3912	
Austin Farming Group 5810 Pleasant Hill Church Rd. Mashville, NC 28103	Union	4 Non-irrigated No-Till	Dynagrow D52VC03	29000	30	24-Apr Soybean/Wheat			Chicken House	5 tons	Yes	Poncho 1250	Roundup Broadcast Flantins_V5	Snizarat Broadcast V3	Landa Cy Broadcast Flantins_V3	Vellyma Aerial R1	14140	16.8	1.034	240.4404
T&T Farms James Tucker 8405 Martin Tucker Road Monroe, NC 28103	Union	4 Non-irrigated No-Till	Agrigold A6544 VT2760	28500	30	26-Apr Soybean	160	43	10		Yes	Poncho 1250	Roundup Broadcast Flantins_V5	Sniper Aerial		12040	17.2	1.012	208.1764	

**DRYLAND AREA 5 - WESTERN NORTH CAROLINA**

Hedrick & Lane Farms 1750 33rd St. NE Hickory, NC 28601	Catawba	5 Non-irrigated No-Till	AV-9916	45900	30	29-Apr Corn	308	155	42	Yes	Bisop II/Gramoxone/Spectrum Broadcast	Roundup/Calisto/Hook/Ensoil/Sugar Broadcast		Vellyma Drone R1	34640	16.2	1.1.335	459.511			
Wood Farm LLC P O Box 340 Andrews, NC 28901	Cherokee	5 Non-irrigated No-Till	D54VC14	33000	30	2-May Soybean	216	3	91	109	No	Poncho 1250	Credit Extra/Dicamba/Brawl AT2/Atrazine Broadcast	Sniper Banded PF	Vellyma Aerial R1	20840	14.3	1.3075	288.6636		
Johnson Family Operations 198 Poppin Johnny Lane Dobson, NC 27017	Surry	5 Non-irrigated Conventional Till	Chisel plow and light disk	P1718VYHR	30000	30	11-May Soybean	150		Poultry	4 ton	Yes	Poncho 1250	Bisop II Broadcast Post	Atrazine Broadcast R2	Triapro Broadcast R2	22940	18.8	1.371	287.1225	
Larry Eslick 3078 Abbotts Creek Church Road Kernersville, NC 27284	Davidson	5 Non-irrigated No-Till	P 1718	36000	29	25-Apr Soybean	228	108	116	30	No		Callisto + Roundup Broadcast	Bifenithrin Broadcast Planting	Xyway 2 x 2 surface Planting	18060	19	1.089	284.1913		
Brown Land and Cattle 3010 Elmidge Mill Road North Wilkesboro, NC	Wilkes	5 Non-irrigated No-Till	Seed Consultant 1168	32000	30	11-May Grass	70			Chicken House	2 ton	No		Lead Off Broadcast	Halex GT Broadcast Post		17900	22.6	1.093	267.8731	
Johnson Family Operations 198 Poppin Johnny Lane Dobson, NC 27017	Surry	5 Non-irrigated Conventional Till	chisel plow and light disk	P1903YHR	30000	30	10-May Soybean	150		Chicken House	4 tons	Yes		Bisop II Broadcast Post	Atrazine Broadcast R2	Triapro Broadcast R2	21440	20.6	1.348	266.8767	
Cranberry Farm 255 Milard Mathis Road Roaring River, NC 28669	Wilkes	5 Non-irrigated Conventional Till	Off set disk, turbotill	P 1903YHR	32000	30	10-May Corn	160	80	50	Yes		Bisop II Mag Broadcast Post	Glyfos Broadcast Post	Diflex Broadcast R2		18860	16	1.278	261.9663	
Johnson Family Operations 198 Poppin Johnny Lane Dobson, NC 27017	Surry	5 Non-irrigated Conventional Till	Chisel plow and light disk	D57TC29	30000	30	6-May Corn	150		Chicken House	4 ton	Yes	Poncho 1250	Bisop II Broadcast Post	Halex GT Broadcast Post	Atrazine Broadcast R2	Triapro Broadcast R2	17680	16.8	1.256	247.4977
Johnson Family Operations 198 Poppin Johnny Lane Dobson, NC 27017	Surry	5 Non-irrigated Conventional Till	Chisel Plow and light disk	DKC 69-98	30000	30	10-May Corn	150		Chicken House	4 tons	Yes		Bisop II Broadcast Post	Halex GT Broadcast Post	Atrazine Broadcast R2	Triapro Broadcast R2	20280	17.4	1.435	246.6899
Cranberry Farm 255 Milard Mathis Road Roaring River, NC 28669	Wilkes	5 Non-irrigated Conventional Till	Off set disk, turbo till	DK 6869	32000	30	15-May Corn	160	80	50	Yes		Bisop II Broadcast Post	Glyfos Broadcast Post	Diflex Broadcast R2		17410	16	1.255	246.2576	
Barnes Family Ag LLC 182 Bailey's Chapel Rd. Advance, NC 27006	Davie	5 Non-irrigated No-Till	P 1903 YHR	32000	30	10-May Corn	175	65	60	Yes	Poncho 250	Glyphosphate Broadcast Bumdown	Bisop Broadcast	Gly, Halex/Ab Broadcast	Revytek Broadcast R2	15260	20.8	1.062	240.4974		
Davis Brothers 128 Plantation Road Dobson, NC 27017	Surry	5 Non-irrigated No-Till	Dekab 67-44	32000	30	29-Apr Soybean	210	108		Chicken House	8 ton	Yes	Acceleron Elite 500	Arthem Flex Broadcast Planting	Halet GT/Ara Ethos XB Broadcast In-Furrow V5		14180	18.1	1.027	238.9709	
Barnes Family Ag LLC 182 Bailey's Chapel Road Advance, NC 27006	Davie	5 Non-irrigated No-Till	P 1903 YHR	30000	30	12-Apr Soybean	175	65	60	Yes	Poncho 250	Glyphosphate Broadcast Bumdown	Bisop Broadcast	Gly Halez/Alr Broadcast	Revytek Broadcast R2	15920	16	1.289	219.2425		
Patrick Miller 825 Beagle Club Road Salisbury, NC 28146	Rowan	5 Non-irrigated No-Till		28000	30	23-May Rye Grain	210	21		Yes		Roundup				17540	14.8	1.61	196.1546		