

	Top Hybrid	Yield	Historic Avg. Yield	Yield Increase	Why achieved or not achieved high yield?	Agronomic Changes	Crop Health Imaging
Farmland	IN 5354HXR	280.00	200.00	80.00	Early planting - other areas in field were wet, this area did not lose N or oxygen	Increase populations, more N, increase drainage, improve planter w/fertilizer app	Did not help this year, but definitely in future - help in field scouting for deficiencies and get corrections made in timely manner
La Moille	IL 5244wx	279.70	225.00	54.70	Headline full rate		
Modoc	IN 6733HXR	271.00	210.00	61.00	Too much rain early in growing season	Increase N application	Did not benefit from imaging this year. He does see the benefit in the future.
Bluffton	OH 5454HXR	267.70	200.00	67.70	Environmental challenges; lack of rain. There are 3 things that helped him achieve 267.70 bu/a - fungicide (did not do on any other acres), increase N rate and population		
Sidney	OH 5779VT3	266.10	195.00	71.10	Too much rain in the spring; had a little more rain in fall		
Liberty	IN 5435HXR	265.80	225.00	40.80	Highest population ever planted, fungicide, early planting	Likes current agronomic practices; see what new products come out next year	Helped determine problem areas
Richmond	IN 5435HXR	259.10	210.00	49.10	Population too high	Decrease planting pop to 34,000	Nothing this time, but possibly in future
Gaston	IN 6179VT3	257.90	200.00	57.90	Pattern till, 104 fertilizer, balanced fertility	Adt. N testing	Water damage
Germantown	OH 6179VT3	257.10	205.00	52.10		Increase populations	Showed that they need to tile
Gaston	IN 6733HXR	255.10	200.00	55.10	Sprayed fungicide	Increase planting pop from 34,000 to 35,000 & 36,000	
Minister	OH 6179VT3	252.60	190.00	62.60		Increase populations, N rates	
Richmond	IN 6179VT3	252.50	200.00	52.50	Picked wrong part of field	Apply more N early	Nothing this time, but possibly in future
Fort Recovery	OH 5354RR	251.10	180.00	71.10		Preplant AMS, NH3 sidedress, fungicide	Pinpointed low nitrogen, confirm and correct
Muncie	IN 6733HXR	250.10	200.00	50.10	Increased pop. From 36,000 to 38,000	N/A	Did not learn much
Hobbs	IN 6179VT3	250.00	190.00	60.00	Did not apply addt. 60 lbs. of sidedress to due wet ground - weather	Better soils need addt. N and increase pops	
Hobbs	IN 5716A3	249.10	190.00	59.10			
Hobbs	IN 5716A3	248.00	190.00	58.00			
Elnora	IN 5779VT3	244.70	200.00	44.70	CPS messed up urea application, streaked N	Sidedress N and increase pop	Showed N application problems
Fort Recovery	OH 6363HXR	244.00	200.00	44.00	Increased pop, higher N usage	Increase planting pop, use more soil samples, use higher N rates	
Hobbs	IN 6179VT3	243.10	190.00	53.10			
Watseka	IL 6733HXR	241.60	180.00	61.60	Water damage	Increase population	Foliar feed
Normal	IL 6733HXR	241.50	180.00	61.50		Apply sable at grown silk w/fungicide; add sidedress pass to N program	Showed how the corn reacted to the sidedress
Richmond	IN 6733HXR	241.00	190.00	51.00	Not everything emerged	Apply more N early	Nothing this time, but possibly in future
Kenton	OH 5442VT3	240.30	180.00	60.30	Utilized red clover cover crop	Plant earlier and use Torque IQ	Liked seeing stress areas in field
Connerville	IN 5716A3	240.20	195.00	45.20	Early cold snap stunted and contributed to 8,000 plant/acre loss	Increase N, keeping pop at 35,000	Knowing problem areas helped take care of those issues
Kokomo	IN 5354HXR	239.70	220.00	19.70	Fungicide, split app N, high population, but had too much rain and could have yielded better		
Whitesville	KY 6733HXR	239.20			Heavy rain after planting. No rain after June	Nothing	Showed how the corn reacted to the sidedress
New Carlisle	OH 5354HXR	238.90	185.00	53.90	Excess rain	Increase populations from 30,000 to 33 or 34,000	Very little help
Glenwood	IN 6179VT3	238.50	190.00	48.50	Too much rain - could have yielded better		
Sheldon	IL 5354HXR	238.40	190.00	48.40	Corn was behind wheat	Increase population and N	Reassured fungicide application was correct
Lafayette	IN 6733HXR	237.60	205.00	32.60	Split application N	Split application / more liberal use of fungicide	Post-field activity - will be helpful in 2011 decisions
Lawrenceville	IL 6733	236.80	220.00	16.80	Corn didn't root well from excessive early rain, looked poor from day one	Twin row corn at high pops	
Roachdale	IN 6733HXR	236.60	215.00	21.60	Helped sub irrigation / rainfall hurt yields	Increase population slightly	
Napoleon	OH 5668	236.20	200.00	36.20	Second pass of nitrogen	Boosting nitrogen	No impact - noticed foliage was heavier where pop was higher
Fort Recovery	OH 5668	235.80	200.00	35.80		N/A	
Metamore	IL 6733HXR	235.70					
Shirley	IN 5354HXR	235.70	160.00	75.70	Weather	Plant more 5354	Didn't help make any decisions
Kenton	OH 5442VT3	235.30	170.00	65.30	Due to rain, unable to sidedress with anhydrous ammonia	Nitrogen timing and earlier planting	Knowing problem areas
Wilmingtion	OH 6733HXR	235.00	200.00	35.00		N/A	
Ashley	OH 6179VT3	234.40	195.00	39.40	Missed a few late sensors showers - cold have added some more bushels (weather)	More scouting, fertility - GPS more	Helped with scouting
Vincennes	IN 6733HXR	233.60	240.00	-6.40	Very wet uneven stands	Twin rows	Showed where water damaged corn the worst
Bismarck	IL 5442VT3	233.50	210.00	23.50	Water damage early June	Increase populations	Showed wetspots
Greensburg	IN 6733HXR	233.20	185.00	48.20	Heat and wet June	Increase population	Gave a big picture of the differences in field
Bourbon	IN 5608VT3	233.20	200.00	33.20	Raised population to 32,000 from 28,000. Should have put fungicide on due to wind damage early.	Keep pop up and spray fungicide	Showed all the green snap damage and the difference in two hybrids
Terre Haute	IN 6733HXR	233.00	225.00	8.00	Poor stand establishment needed popup fertilizer	None	
Tolono	IL 6733HXR	232.20	200.00	32.20	Low mucky ground	Utilize fungicide on responsive hybrids; will try addt N sidedress or urea with agrotain again; try BioGold on some acres	
Michigantown	IN 5435HXR	230.90	180.00	50.90	Sidedressing hybrid placement, increasing population	Increase population and sidedress more	Water holes
Owensboro	KY 6733HXR	230.30	185.00	45.30	Fungicide	Increase population. Use more foliar feed or spray	Showed what expected to see in field
Albany	KY 6733HXR	229.40			Field is tiled	N/A	
Monroeville	IN 5779VT3	228.60	190.00	38.60	Increased populations and N	Increase population, possibly split nitrogen app	shows trouble areas due to compaction and drainage
Marseilles	IL 5435HXR	228.40	220.00	8.40	Some minor green snap was observed	N is key in achieving top end yield particularly in corn on corn	
Fort Recovery	OH 6363HXR	228.40	170.00	58.40		Preplant AMS, NH3 sidedress, fungicide	Pinpointed low nitrogen, added 3rd app of 28%
Fort Recovery	OH 6363HXR	228.20	210.00	18.20	No rain	Increase N rate	
Greensburg	IN 6363HXR	228.10	172.00	56.10	Wet June, heat	Use higher rates of N	Helped identify problem areas and scout
Milton	IN 6733HXR	228.00	220.00	8.00	Hail damage at knee high	Planter (White) was too inconsistent at depth, spacing	
Yorkshire	OH 5454HXR	225.60	180.00	45.60		Increase populations	
Napoleon	OH 5668	225.20	200.00	25.20	Second pass of nitrogen	Boosting nitrogen	No impact - noticed foliage was heavier where pop was higher
Napoleon	OH 5354HXR	223.60	220.00	3.60	Very dry late, wet spring	Continue to use fungicide	Showed differences across field. Specifically the areas that need special attention.
Onarga	IL 6179VT3	223.20	200.00	23.20	Water damage, lack of rain, heat	Increase N levels	Water damage, see plant health
Arcanum	OH 5555VT3	223.00	180.00	43.00	Beck's yields better	N/A	
Napoleon	OH 5354HXR	222.90	220.00	2.90	Very dry late, wet spring	Continue to use fungicide	Showed differences across field. Specifically the areas that need special attention.
Ostrandrer	OH 5716A3	222.60	140.00	82.60	Applied hog manure 4 times between fall and spring at 6,000 gl. Each app	Better way to handle and apply hog manure, soil fertility compaction	See it as a tool with newer farms
Congerville	IL 6179VT3	222.50	185.00	37.50	Excessive heat during and after pollination	More ground applied fungicide	
Arcanum	OH 5454HXR	221.00	204.00	17.00		Keep on doing the same thing each year	
Onarga	IL 6179VT3	219.10	200.00	19.10	Lots of rain	Increase population and N	Wet holes and N rates on field
De Graff	OH 5454HXR	218.90	180.00	38.90	Tillage and population	Increase seed population	Showed where need to tile
Centerville	IN 5716A3	218.40	200.00	18.40	Extra N	Keep population above 32,000, more sidedress	
Arcanum	OH 6179VT3	218.00	205.00	13.00		N/A	
Kokomo	IN 5354HXR	217.30	220.00	-2.70	Heat, too much rain = negative / Increased fungicide and split app N	Plant deeper	
New Bremen	OH 5435HXR	216.60	150.00	66.60	No rain	Decrease populations	
Carlyle	IL 6733HXR	215.20			Adequate above normal rainfall	Would not sidedress with 28% N, would use anhydrous ammonia for better results	
Fort Loramie	OH 5354HXR	214.50	180.00	34.50	Hauled steer manure on the field in spring and last fall	N/A	
Fort Recovery	OH 6733HXR	213.60	230.00	-16.40	Bad water damage due to weather	Apply mor Headline fungicide; increase populations to 35,000	Helped make mgmt decisions
Shelbyville	IL 5608VT3	210.10	195.00	15.10	NH3 was sidedressed in wet conditions. Concerns of N loss from poor sealing conditions	None. Bad weather past 2 300 Bushel attempts	
New Haven	IN 5442VT3	210.10	235.00	-25.90	6 in. of rain in 2 hours, field was 95% under water	More bio's to build molecular activity in soil after water	Very obvious where tile is needed
Potomac	IL 6733HXR	208.70	185.00	23.70	Conventional 5 acre test strip yielded more bushels with a lower pop & less N; hard to determine	N/A	
Arcanum	OH 6733HXR	207.90	180.00	27.90	Didn't get chisel fall and didn't get planted deep to; too hot of starter	Put on 1 ton of gypsum and chisel n fall	
South Charleston	OH 5538HXT	206.80	175.00	31.80	Above average planting season, great emergence	Watch calcium levels more closely on soil test & potash need more N	
Payne	OH 5454RR	206.60	180.00	26.60	No rain in August	Increase population	Info was too late getting to farmer. Would do again
Payne	OH 6179VT3	206.00	190.00	16.00	Fall too dry	Possibly increase population	
Ohio City	OH 5555CBWRR	205.00					
Ft. Wayne	IN 5354HXR	204.90	165.00	39.90	Too wet earlier, too dry late	N/A	Liked it, worked for him
Fowler	IN 5442VT3	204.60	167.00	37.60	Water damage	Not sure due to water damage	Fungicide spraying
Delaware	OH 6733	204.30	190.00	14.30	Had some rootworm issues with dry weather that caused stalks to cannabolize	Use more triple stacked corn hybrids	Helped find some of the down corn
Toledo	IL 6363HXR	204.20	210.00	-5.80	Excessive water and flooding, but more than late planting	Increase populations and N	Did not receive Crop Health Imaging
Berne	IN 6179VT3	204.20	155.00	49.20	Too much water, lost stand count pop	Increase pop, use diff sidedress app, use diff N products	Need to get results back sooner
Maplewood	OH 5354HXR	203.60	120.00	83.60	Using only inline ripper turbo till prior to corn; staying off when wet finally getting compaction from previous operations.	Not sure yet	
Danville	IN 6733HXR	202.00	160.00	42.00		N/A	
Sunman	IN 5676HXR	201.70	160.00	41.70	Wet	N/A	Didn't get image back early enough
Lewisport	KY 5779VT3	200.60	175.00	25.60	Weather	Increase fertility	
Muncie	IN 5454HXR	200.10	177.00	23.10	Heavy rains, weed breakout	Sidedress 28 instead of dribbling it in, try a fungicide	
Payne	OH 5354HXR	198.50	190.00	8.50	Fall too dry	Possibly increase population	
Hartford City	IN 5435HXR	195.10	175.00	20.10	Too much rain, then not late enough	No, continue same for 2 yrs	
Bluffton	IN 6733HXR	194.80	190.00	4.80	Too much water, lost stand count pop	10 lbs more N per acre	
Brownstown	IN 5435HXR	190.20	160.00	30.20	Wet, spraying later	N/A	found low areas
Seymour	IN 6733HXR	188.80	180.00	8.80	Wet June hurt stand, heat	Increase populations	2nd image matched yield maps
Hartford City	IN 5454HXR	187.30	218.00	-30.70	Too much rain to achieve high yield	Utilize amonia sulfate and foliar apps on every acre	
Woodburn	IN 5779VT3	184.50	180.00	4.50	Trouble with rye-tillage	Deeper rippings	Packing on ends
West Alexandria	OH 5454RR	184.10	155.00	29.10		Continue checking different seeding rates	Populations and nitrogen timing
Medaryville	IN 5435HXR	183.00	150.00	33.00	Extra N	More N, less population	Gave a picture early in season
Carthage	IL 5668	182.50	180.00	2.50	Excessive rain from April-Sept, aprox 65", variable plant stand & ear size	Establish perfect stands, pattern tile more areas	When plant health was done, corn already prematurely dead from excessive disease pressue and lack of nutrients
Montpelier	IN 5435HXR	181.20	180.00	1.20	Too much rain to achieve high yield	No changes	Would have applied addt. N, if no rain
Seymour	IN 6363HXR	180.00	180.00	0.00	Dry weather late, heat, poor stand because of wet June	Increase populations	
Green Valley	IL 6733HXR	176.90	170.00	6.90	Excessive heat after pollination, lack of rainfall and extremely wet after planting		
Clay	KY 6733HXR	175.70	160.00	15.70	Sidedressed and then did not get anymore rain, which explains no yield increase to sidedressing	Increase population	Showed what we already knew, but can see benefit in certain situations
McClure	OH 6733HXR	167.00	180.00	-13.00	Too wet early, too dry late	N/A	
West Alexandria	OH 5435	164.40	137.00	27.40	Weather, wet early, dry late - excessive N loss	Start using fertilizer openers on planter; did not learn from plot, but customers plot (?)	Was not able to use imagery for decisions, but it did allow me to manage scouting better
Whitesville	KY 6733HXR	146.40			Heavy rain after planting. No rain after June	Nothing	
Van Wert	OH 6733HXR	135.00	170.00	-34.20	High weed pressure	Spray for weeds	No, not this year. Definitely try again
Greenville	KY 6179VT3	123.40	165.00	-41.60	Lack of rain	Change more acres to no-till	Did not help make any decisions this year