

First Harvest Farm Management, LLC 2020 "Competitive Seed Comparison Plot" Final Yield Calculations

Plot location	Participating Company	Hybrid	In-Furrow Applied Attribute (Terrasym 408; Accomplish LM; MycoApply EndoPrime EC)	Plant Date	Harvest Moisture	Sample Weight	Row Length	Row Width	Sample Test Weight	Yield	Stalk Quality 1 to 4**	Notes	
East	LG Seeds	5618VT2	Terrasym 408	4/21/2020	16.3	2090	717	120	64.1	223.3	2	Hybrid Average Yield: 226.8 bu./acre	
East	LG Seeds	5618VT2	Accomplish LM	4/21/2020	15.5	2264	717	120	63.7	244.2	2		
East	LG Seeds	5618VT2	MycoApply EndoPrime EC	4/21/2020	15.5	2152	717	120	62.8	232.1	2		Some issues with excessive soil moisture
East	LG Seeds	5618VT2	No Biologic Enhancement	4/21/2020	15.6	1928	717	120	63.7	207.7	2		
East	Nu-Tech	71F5CYFR	Terrasym 408	4/21/2020	15.9	2030	717	120	62.3	217.9	3	Hybrid Average Yield: 229.8 bu./acre	
East	Nu-Tech	71F5CYFR	Accomplish LM	4/21/2020	16.2	2173	717	120	61.1	232.4	3		Some issues with excessive soil moisture
East	Nu-Tech	71F5CYFR	MycoApply EndoPrime EC	4/21/2020	15.0	2178	717	120	62.1	236.3	3		
East	Nu-Tech	71F5CYFR	No Biologic Enhancement	4/21/2020	15.5	2157	717	120	62.7	232.6	3		
East	Becks	6374 V2P	Terrasym 408	4/21/2020	15.3	2232	717	120	63.4	241.3	1	Hybrid Average Yield: 242.3 bu./acre	
East	Becks	6374 V2P	Accomplish LM	4/21/2020	15.6	2259	717	120	62.9	243.3	1		
East	Becks	6374 V2P	MycoApply EndoPrime EC	4/21/2020	16.1	2268	717	120	61.7	242.9	1		
East	Becks	6374 V2P	No Biologic Enhancement	4/21/2020	16.2	2259	717	120	61.3	241.6	1		
East	AgriGold	A6659 VT2	Terrasym 408	4/21/2020	16.9	2388	717	120	61.3	253.3	2	Hybrid Average Yield: 255 bu./acre	
East	AgriGold	A6659 VT2	Accomplish LM	4/21/2020	18.4	2412	717	120	60.2	251.2	2		
East	AgriGold	A6659 VT2	MycoApply EndoPrime EC	4/21/2020	17.6	2574	717	120	60.6	270.7	1		Limited Stalk Issues-No Yield Impact
East	AgriGold	A6659 VT2	No Biologic Enhancement	4/21/2020	17.7	2330	717	120	61.2	244.7	2		
East	Wyffels	W8936 DGRIB	Terrasym 408	4/21/2020	17.8	2320	717	120	61.1	243.4	1	Hybrid Average Yield: 242.5 bu./acre	
East	Wyffels	W8936 DGRIB	Accomplish LM	4/21/2020	17.1	2275	717	120	61.5	240.7	1		
East	Wyffels	W8936 DGRIB	MycoApply EndoPrime EC	4/21/2020	17.7	2318	717	120	60.2	243.5	1		
East	Wyffels	W8936 DGRIB	No Biologic Enhancement	4/21/2020	17.3	2295	717	120	60.2	242.2	1		
East	Golden Harvest	G14 N11-522-EZ1	Terrasym 408	4/21/2020	17.4	2050	717	120	58.8	216.1	3	Hybrid Average Yield: 234.6 bu./acre	
East	Golden Harvest	G14 N11-522-EZ1	Accomplish LM	4/21/2020	18.4	2351	717	120	58.1	244.9	3		
East	Golden Harvest	G14 N11-522-EZ1	MycoApply EndoPrime EC	4/21/2020	18.7	2290	717	120	56.9	237.6	3		Stalk Quality Issues likely impacted yield
East	Golden Harvest	G14 N11-522-EZ1	No Biologic Enhancement	4/21/2020	18.6	2310	717	120	58	240.0	3		
West	DeKalb	DKC 65-94 RIB	No Biologic Enhancement	4/21/2020	17.6	2360	717	120	62.9	248.2	1	Hybrid Average Yield: 248.4 bu./acre	
West	DeKalb	DKC 65-94 RIB	MycoApply EndoPrime EC	4/21/2020	16.9	2402	717	120	63.4	254.8	1		
West	DeKalb	DKC 65-94 RIB	Accomplish LM	4/21/2020	17.7	2472	717	120	62.3	259.7	1		
West	DeKalb	DKC 65-94 RIB	Terrasym 408	4/21/2020	18.1	2208	717	120	61.2	230.8	1		
West	Burrus	7W63 AM	No Biologic Enhancement	4/21/2020	17.8	2380	717	120	62	249.7	3	Hybrid Average Yield: 239.1 bu./acre	
West	Burrus	7W63 AM	MycoApply EndoPrime EC	4/21/2020	18.8	2198	717	120	60.6	227.8	3		
West	Burrus	7W63 AM	Accomplish LM	4/21/2020	18.6	2222	717	120	60.5	230.8	3		Stalk Quality Issues likely impacted yield
West	Burrus	7W63 AM	Terrasym 408	4/21/2020	17.8	2366	717	120	60.9	248.2	3		
West	Channel	216-36 STX RIB	No Biologic Enhancement	4/21/2020	18.0	2234	717	120	61.6	233.8	1	Hybrid Average Yield: 241.6 bu./acre	
West	Channel	216-36 STX RIB	MycoApply EndoPrime EC	4/21/2020	18.3	2274	717	120	58.4	237.1	1		
West	Channel	216-36 STX RIB	Accomplish LM	4/21/2020	18.1	2392	717	120	60.5	250.0	1		
West	Channel	216-36 STX RIB	Terrasym 408	4/21/2020	18.9	2371	717	120	59.5	245.4	1		
West	Lewis	15 DP 899 VT2PRIB	No Biologic Enhancement	4/21/2020	18.1	2616	717	120	59.1	273.5	1	Hybrid Average Yield: 267.9 bu./acre	
West	Lewis	15 DP 899 VT2PRIB	MycoApply EndoPrime EC	4/21/2020	18.2	2621	717	120	60.1	273.6	1		
West	Lewis	15 DP 899 VT2PRIB	Accomplish LM	4/21/2020	17.6	2516	717	120	59.6	264.6	1		
West	Lewis	15 DP 899 VT2PRIB	Terrasym 408	4/21/2020	18.5	2499	717	120	60.1	259.9	1		
West	DynaGro	D52VC15	No Biologic Enhancement	4/21/2020	17.3	2322	717	120	59.4	245.1	1	Hybrid Average Yield: 252.6 bu./acre	
West	DynaGro	D52VC15	MycoApply EndoPrime EC	4/21/2020	16.9	2422	717	120	59.3	256.9	1		
West	DynaGro	D52VC15	Accomplish LM	4/21/2020	16.2	2350	717	120	56	251.3	1		
West	DynaGro	D52VC15	Terrasym 408	4/21/2020	17.2	2432	717	120	59.8	257.0	1		
West	Pioneer	1108Q	No Biologic Enhancement	4/21/2020	16.8	2500	717	120	59.2	265.5	1	Hybrid Average Yield: 268.2 bu./acre	
West	Pioneer	1108Q	MycoApply EndoPrime EC	4/21/2020	17.4	2530	717	120	59.3	266.7	1		
West	Pioneer	1108Q	Accomplish LM	4/21/2020	17.2	2510	717	120	58	265.3	1		
West	Pioneer	1108Q	Terrasym 408	4/21/2020	16.1	2570	717	120	57.5	275.2	1		

Plot Harvested Bushels 1,994.11
Ave. Moisture Percent 17.20

Whole Plot Ave. 245.7 bu./acre
Yield Range (All) 207.7 to 275.2 bu./acre

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**** Stalk Quality Ratings: 1-No discernible issues; 2-Minor stalk quality issues < 10%; 3-Moderate stalk quality issues-- > 10% and < 25%; 4-Significant stalk quality issues > 25%**

Average Yield-No Biologic Additive	243.7196 Bu./Acre
Average Yield-Terrasym 408 Additive	242.6562 Bu./Acre
Average Yield-Valent MycoApply EndoPrime EC	248.3322 Bu./Acre
Average Yield-Accomplish LM	248.2048 Bu./Acre
Total Plot Average Yield/bu. per acre	245.73