

USTN Public Data <sup>1</sup>									EC3-105E					YEAR 2017					ALL LOCATIONS - 2017				
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of				Test										
									Mean	Yield	Y/M	Moisture	Weight										
EC3-105E	3182	AL	42-05	Cruiser 250	105	none		tall	111	207	10.9	19.5	58.3										
EC3-105E	3180	AL	40-03UP	Cruiser 250	103	none	Ultra-Pure	short	110	205	11.5	18.6	59.2										
EC3-105E	3151	MAS	DM4035	none	100	none		average	109	203	11.1	18.8	56.2										
EC3-105E	3181	AL	72-04	Cruiser 250	104	none		average	108	201	11.3	17.5	54.7										
EC3-105E	3152	MAS	MGM312220	none	100	none		average	102	189	11	17.8	56.8										
EC3-105E	3153	MAS	MGM270104	none	100	none		average	101	188	10.8	17.6	57										
<b>SUMMARY STATISTICS<sup>2</sup></b>																							
mean										186	9.8	19.8	57										
lsd05										34.1	2.3	2.2	1.6										
lsd25										17.3	1.3	1.2	0.9										
df										5	27.7	15.8	23.7										
cv										9.8	8.8	6.3	1.5										
r2_plot										43.9	62.2	74.8	65.8										
r2_blup										81.4	84.4	90.2	85.6										
locs										4	4	4	3										
varline										385	3.4	4.9	1.9										
vargxe										161	1.3	0.1	0.2										
resid										330	0.7	1.5	0.8										
plant																							
harvest																							

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USTN Public Data <sup>1</sup>									IN_Valparaiso								
EC3-105E									YEAR 2017								
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Yield % of		Test		Stalk	Root			
									Mean	Yield	Y/M	Moisture	Weight	Lodging %	Lodging %		
EC3-105E	3182	AL	42-05	Cruiser 250	105	none		tall	111	238	12.5	18.9	60.2	2	0		
EC3-105E	3180	AL	40-03UP	Cruiser 250	103	none	Ultra-Pure	short	107	230	12.8	17.8	61.4	0	0		
EC3-105E	3151	MAS	DM4035	none	100	none		average	104	223	12.2	18	58.2	1	0		
EC3-105E	3181	AL	72-04	Cruiser 250	104	none		average	114	245	15.1	16.7	56.6	1	0		
EC3-105E	3152	MAS	MGM312220	none	100	none		average	101	217	12.8	17	58.9	0	0		
EC3-105E	3153	MAS	MGM270104	none	100	none		average	102	217	13.1	16.8	59.2	2	0		
<b>SUMMARY STATISTICS<sup>2</sup></b>																	
mean										214	11.5	19	59	0.1	0		
lsd05										234	3.2	14.1	2.8				
lsd25										46.1	1.9	2.7	1.3				
df										1	32.5	1	3.8				
cv										8.6	9.3	5.6	1.3				
r2_plot										61.7	80.4	81.5	78.3				
r2_blup										74.2	78.8	88.9	81.5				
locs																	
varline										385	3.4	4.9	1.9				
vargxe										161	1.3	0.1	0.2				
resid										339	1.1	1.1	0.6				
plant										5/16/17							
harvest										10/31/17							

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USTN Public Data <sup>1</sup>									OH_Apple_Creek					
EC3-105E YEAR 2017									Yield % of					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Mean	Yield	Y/M	Moisture	Test Weight	Stalk Lodging %
EC3-105E	3182	AL	42-05	Cruiser 250	105	none		tall	109	221	12.3	18.1	58.7	0
EC3-105E	3180	AL	40-03UP	Cruiser 250	103	none	Ultra-Pure	short	115	234	13.6	17.2	59.5	1
EC3-105E	3151	MAS	DM4035	none	100	none		average	111	225	13	17.4	56.1	1
EC3-105E	3181	AL	72-04	Cruiser 250	104	none		average	110	223	14.1	16	54.7	0
EC3-105E	3152	MAS	MGM312220	none	100	none		average	103	209	12.5	16.6	56.8	0
EC3-105E	3153	MAS	MGM270104	none	100	none		average	101	206	12.7	16.2	57.3	0
<b>SUMMARY STATISTICS<sup>2</sup></b>														
mean										203	11.3	18.4	57	0
lsd05										139	3.1	14.1	2.7	
lsd25										36.2	1.8	2.7	1.3	
df										1.3	31.2	1	3.9	
cv										3.9	5.5	3.6	1.3	
r2_plot										89.7	92.3	91.8	79.9	
r2_blup										76.8	80.3	89	81.6	
locs														
varline										385	3.4	4.9	1.9	
vargxe										161	1.3	0.1	0.2	
resid										62.9	0.4	0.4	0.5	
plant										5/23/17				
harvest										10/27/16				

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USTN Public Data <sup>1</sup>									OH_Hoytville					
EC3-105E YEAR 2017									Yield % of					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Mean	Yield	Y/M	Moisture	Test Weight	Stalk Lodging %
EC3-105E	3182	AL	42-05	Cruiser 250	105	none		tall	113	194	10.6	18.6	56.3	1
EC3-105E	3180	AL	40-03UP	Cruiser 250	103	none	Ultra-Pure	short	106	182	10.2	17.7	57	1
EC3-105E	3151	MAS	DM4035	none	100	none		average	111	190	10.7	17.9	54.2	0
EC3-105E	3181	AL	72-04	Cruiser 250	104	none		average	111	191	11.4	16.7	52.4	3
EC3-105E	3152	MAS	MGM312220	none	100	none		average	97	167	9.8	16.9	54.7	0
EC3-105E	3153	MAS	MGM270104	none	100	none		average	103	176	10.3	16.8	54.6	0
<b>SUMMARY STATISTICS<sup>2</sup></b>														
mean										172	9.3	18.9	54.9	0.02
lsd05										184	3.2	14.1	2.9	
lsd25										41.4	1.8	2.7	1.4	
df										1.1	30.7	1	3.4	
cv										8.2	10	4.5	2	
r2_plot										73.4	84.5	87.3	64.1	
r2_blup										75.2	79.2	89	81	
locs														
varline										385	3.4	4.9	1.9	
vargxe										161	1.3	0.1	0.2	
resid										198	0.9	0.7	1.2	
plant										6/1/17				
harvest										11/14/17				

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USTN Public Data <sup>1</sup>									PA_Rock_Springs					
EC3-105E YEAR 2017									Yield % of					
Test	USTN#	Breeder	Hybrid	Seed trt	CRMt	Traits	Native traits	Stature	Mean	Yield	Y/M	Moisture	Stalk Lodging %	Root Lodging %
EC3-105E	3182	AL	42-05	Cruiser 250	105	none		tall	119	184	8.7	22.6	0	2
EC3-105E	3180	AL	40-03UP	Cruiser 250	103	none	Ultra-Pure	short	118	182	10	21.5	0	1
EC3-105E	3151	MAS	DM4035	none	100	none		average	117	181	9	21.8	0	26
EC3-105E	3181	AL	72-04	Cruiser 250	104	none		average	97	150	5.4	20.7	4	54
EC3-105E	3152	MAS	MGM312220	none	100	none		average	108	166	9.5	20.8	1	2
EC3-105E	3153	MAS	MGM270104	none	100	none		average	100	155	7.6	20.6	0	24
<b>SUMMARY STATISTICS<sup>2</sup></b>														
mean										154	7.1	22.8	0	2.9
lsd05										137	3.1	14.2		
lsd25										38.9	1.8	2.7		
df										1.4	39.3	1		
cv										17.4	11	8.6		
r2_plot										43	88.6	56.2		
r2_blup										72.2	79.7	88.8		
locs														
varline										385	3.4	4.9		
vargxe										161	1.3	0.1		
resid										723	0.6	3.9		
plant										6/5/17				
harvest										11/17/17				

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