



Summary of 2017 Irrigated
Variety Performance Results

Variety ^b	2017 Individual Trial Yield ^a			2017 Multi-Location Average			
	Fort			Yield	Yield	Test	
	Burlington	Collins	Haxtun			Weight	Lodging
		bu/ac		bu/ac	% of avg	lb/bu	scale (1-9) ^c
SY Wolf	115.9	102.3	74.1	97.4	104%	57.0	3
WB4303	108.0	108.2	72.0	96.1	103%	55.3	2
Denali	106.8	105.0	74.6	95.5	102%	58.5	4
Byrd	110.1	96.2	78.8	95.1	102%	58.2	5
Langin	114.4	87.8	82.4	94.8	102%	57.9	5
KanMark	111.6	103.0	68.5	94.4	101%	58.0	3
Cowboy	109.4	103.7	67.8	93.6	100%	55.1	8
SY Sunrise	110.9	94.3	73.1	92.8	99%	58.9	5
Brawl CL Plus	113.3	83.5	75.4	90.7	97%	58.1	2
Avery	98.0	91.4	79.9	89.8	96%	57.0	8
Larry	110.4	96.0	60.7	89.0	95%	57.1	4
Sunshine	116.1	74.4	74.1	88.2	95%	56.2	5
Thunder CL	109.5	85.8	57.9	84.4	90%	57.6	1
WB-Grainfield	106.2	78.1	67.1	83.8	90%	58.8	4
Antero	92.7	77.8	79.8	83.4	89%	58.0	7
WB4458	99.4	88.0	61.4	83.0	89%	56.3	2
Experimentals							
CO13D1383	127.9	116.5	82.5	109.0	117%	58.6	2
CO12D296	112.0	118.7	86.8	105.8	113%	58.6	5
CO13D0787	111.7	104.0	97.0	104.2	112%	59.2	5
CO13D1299	124.5	103.8	82.9	103.8	111%	58.2	4
CO13D1783	107.1	108.0	81.1	98.8	106%	55.7	9
CO13D1638	110.1	97.2	88.7	98.7	106%	57.0	6
CO12D597	112.9	95.0	86.3	98.1	105%	57.6	6
CO12D1770	101.2	108.2	83.2	97.5	105%	57.4	4
CO12D2011	118.9	94.9	78.0	97.2	104%	59.0	4
CO13W187	108.3	94.7	75.5	92.8	99%	58.2	5
CO13D1479	100.8	101.7	67.3	90.0	96%	56.6	8
CO13D1379	104.8	97.1	66.4	89.4	96%	56.6	5
CO13D2042	98.7	93.8	72.5	88.3	95%	58.3	5
CO13D1164	94.8	86.2	81.9	87.6	94%	58.1	6
CO12M0367	96.7	98.8	65.5	87.0	93%	56.2	5
CO13D1714	103.3	76.1	80.7	86.7	93%	59.1	5
Average	108.3	96.0	75.7	93.3		57.6	5
^d LSD (P<0.30)	8.0	5.1	4.2				

^aVarieties in the top LSD yield group in each location are in bold.

^bVarieties ranked according to multi-location average yield in 2017.

^cLodging score: 1 equals no lodging and 9 equals severe lodging.

^dIf the difference between two variety yields equals or exceeds the LSD value then they are significantly different with less than 30% probability that the difference is due to random error.