

NDSU Langdon Research Extension Center
2012 Variety Trial Data

Winter Wheat Varieties - Willow City 2012				
	Yield (bu/a)		Test Weight (lbs/bu)	
	Fungicide	No Fungicide	Fungicide	No Fungicide
Accipiter	72.3	73.1	61.7	61.4
Art	68.1	64.8	61.8	61.4
Boomer	74.9	74.4	61.4	61.0
CDC Falcon	73.7	72.1	61.7	60.9
Darrell	71.1	73.3	61.9	61.9
Decade	74.3	70.2	63.1	62.5
Expedition	67.0	67.3	63.2	62.4
Ideal	73.5	72.4	63.1	62.5
Jerry	75.3	74.3	61.9	61.4
Overland	73.8	72.1	61.5	61.7
Smoky Hill	71.1	69.0	63.0	62.9
SY Wolf	69.3	68.4	62.6	62.2
Radiant	72.6	71.2	61.3	61.2
Average	72.1	70.9	62.1	61.8
Lsd 5%		2.4		0.4
CV		2.3		0.5

Winter Wheat Varieties - Devils Lake 2012				
	Yield (bu/a)		Test Weight (lbs/bu)	
	Fungicide	No Fungicide	Fungicide	No Fungicide
Accipiter	89.7	78.1	57.9	57.9
Art	104.9	100.8	61.8	61.0
Boomer	87.1	89.6	58.3	57.6
CDC Falcon	88.7	86.4	58.7	57.5
Darrell	99.8	98.5	60.9	60.3
Decade	98.8	98.6	60.4	60.1
Expedition	103.9	98.6	61.9	61.3
Ideal	105.6	92.9	61.0	60.4
Jerry	94.4	86.2	59.9	58.2
Overland	108.6	108.9	61.8	61.8
Smoky Hill	114.8	107.2	61.9	60.9
SY Wolf	104.4	98.6	60.4	61.3
Average	100.0	95.4	60.4	59.9
Lsd 5%		8.5		1.2
CV		6.0		1.3

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Winter Wheat Varieties - Tolna 2012				
	Yield (bu/a)		Test Weight (lbs/bu)	
	Fungicide	No Fungicide	Fungicide	No Fungicide
Accipiter	69.6	77.6	61.6	61.1
Art	79.0	69.4	63.3	63.3
Boomer	64.5	59.9	61.2	60.8
CDC Falcon	71.4	74.5	62.0	60.6
Darrell	82.5	74.1	62.6	62.6
Decade	67.3	69.1	62.9	62.1
Expedition	56.2	58.6	62.5	62.7
Ideal	79.1	78.4	63.2	62.8
Jerry	66.2	63.7	60.8	60.9
Overland	76.9	72.7	62.3	62.1
Smoky Hill	63.8	52.4	63.8	63.6
SY Wolf	72.3	65.9	63.6	63.4
Average	70.7	68.0	62.5	62.1
Lsd 5%		8.5		0.7
CV		8.4		0.7

Winter Wheat Varieties - Langdon 2012				
	Yield (bu/a)		Test Weight (lbs/bu)	
	Fungicide	No Fungicide	Fungicide	No Fungicide
Accipiter	74.1	65.4	61.9	60.8
Art	75.2	67.4	61.6	61.3
Boomer	80.5	71.0	60.8	59.7
CDC Falcon	76.0	68.0	61.1	60.6
Darrell	68.9	63.3	61.7	61.1
Decade	80.3	68.4	61.8	60.7
Expedition	76.1	57.0	61.0	59.3
Ideal	74.5	65.2	60.9	60.3
Jerry	69.8	62.5	61.1	60.3
Overland	74.5	73.9	61.4	60.8
Smoky Hill	68.2	60.9	61.9	60.9
SY Wolf	73.2	68.8	62.0	61.4
Radiant	65.7	59.9	60.8	60.4
Robidoux	79.5	72.2	61.2	59.8
WB Matlock	78.7	65.5	62.0	61.1
McGill	77.7	69.9	61.5	60.4
Peregrine	76.2	73.7	61.0	61.1
Hawken	76.1	66.0	61.9	60.9
Wesley	71.9	59.0	61.6	60.8

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Winter Wheat Varieties - Langdon 2012 continued				
Lyman	69.7	65.9	61.5	60.5
Carter	65.1	55.1	61.5	60.6
Min	84.4	79.7	62.0	61.4
Max	62.7	55.1	60.3	59.0
Average	74.5	66.0	61.4	60.5
Lsd 5%		7.2		0.7
CV		6.1		0.7
Yield averaged over 4 locations				
	Yield (bu/a)		Yield Average	
	Fungicide	No Fungicide		
Overland	83.4	81.9	82.7	
Darrell	83.2	77.3	80.2	
Ideal	81.8	77.2	79.5	
Decade	80.6	76.6	78.6	
Art	80.2	75.6	77.9	
SY Wolf	79.8	75.4	77.6	
CDC Falcon	79.4	75.2	77.3	
Boomer	77.4	73.7	75.6	
Accipiter	76.7	73.5	75.1	
Smoky Hill	76.4	72.4	74.4	
Jerry	76.4	71.7	74.0	
Expedition	75.8	70.4	73.1	