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# 1973 Preliminary Report of Kentucky Small Grain Field Trials at Princeton, Murray, Bowling Green and Lexington

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# AGRONOMY NOTES

DEPARTMENT of AGRONOMY Lexington 40506

1973 Preliminary Report of Kentucky  
Small Grain Field Trials at  
Princeton, Murray, Bowling Green and Lexington

Charles R. Tutt, Morris J. Bitzer and Verne C. Finkner

PRINCETON

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Winter Wheat					Winter Barley				
Recommended Varieties	Yield Bu/A		Test Wt. Lb/Bu		Recommended Varieties	Yield Bu/A		Test Wt. Lb/Bu	
	1972	1973	1972	1973		1972	1973	1972	1973
Arthur	39.4	37.1	60.6	58.2	Barsoy	44.4	24.9	46.0	43.5
Arthur 71	31.8	29.6	60.0	58.0	Harrison	46.4	42.4	45.6	43.6
Blueboy	24.7	26.2	55.4	48.9	Jefferson	46.0	41.7	41.8	38.5
McNair 4823	37.5	27.5	60.4	53.4	Knob	53.9	34.8	41.4	36.6
<u>Other Varieties</u>					<u>Other Varieties</u>				
Abe	38.0	38.5	60.4	58.9	Dayton	21.6	11.1	40.2	--
Benhur	22.4	21.8	59.9	54.3	Keowee	38.0	31.2	44.4	40.7
Blueboy II	28.3	29.1	57.6	49.5	Lakeland	51.1	56.4	44.5	46.9
Knox 62	20.8	27.1	60.5	56.0	McNair 601	45.5	35.2	40.6	41.7
Monon	27.4	26.2	59.5	51.9	Paoli	53.3	41.6	44.9	42.5
McNair 701	28.7	28.3	55.0	50.8	Schuyler	58.6	34.8	40.5	40.2

Winter Oats									
Recommended Varieties	Yield Bu/A		Test Wt. Lb/Bu		Other Varieties	Yield Bu/A		Test Wt. Lb/Bu	
	1972	1973	1972	1973		1972	1973	1972	1973
Coker 66-22		50.3	--	25.5	Chilocco		38.4	--	25.4
Compact		61.0	--	27.5	Nora		44.7	--	27.6
Dubois		42.4	--	28.2	Ora		57.5	--	28.5
Norline		51.9	--	27.4	Pennlan		65.6	--	31.5
Walken		75.8	--	31.5					
	Winter Killed					Winter Killed			

MURRAY

<u>Winter Wheat</u>					<u>Winter Barley</u>				
<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>		<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>	
	<u>Bu/A</u>		<u>Lb/Bu</u>			<u>Bu/A</u>		<u>Lb/Bu</u>	
	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>		<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>
Arthur	--	27.9	--	56.3	Barsoy	31.1	15.8	44.0	--
Arthur 71	--	27.8	--	56.0	Harrison	23.8	16.2	47.4	--
Blueboy	--	25.6	--	54.5	Jefferson	34.1	35.1	40.1	42.7
McNair 4823	--	19.1	--	55.9	Knob	30.1	22.0	41.6	42.6
<u>Other Varieties</u>					<u>Other Varieties</u>				
Abe	--	37.9	--	56.2	Dayton	30.2	16.1	44.1	37.6
Benhur	--	23.3	--	55.2	Keowee	24.6	8.3	46.8	--
Blueboy II	--	23.3	--	54.5	Lakeland	29.6	30.2	43.8	42.7
Knox 62	--	24.8	--	57.2	McNair 601	41.0	29.2	41.5	45.7
Monon	--	23.8	--	55.5	Paoli	24.4	16.1	40.9	--
McNair 701	--	31.1	--	52.2	Schuyler	17.4	11.9	43.2	--

Winter Oats

<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>		<u>Other Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>	
	<u>Bu/A</u>		<u>Lb/Bu</u>			<u>Bu/A</u>		<u>Lb/Bu</u>	
	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>		<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>
Coker 66-22	--	85.8	--	34.4	Chilocco	--	76.5	--	35.5
Compact	--	72.0	--	36.8	Nora	--	32.9	--	33.8
Dubois	--	84.2	--	36.1	Ora	--	49.2	--	35.2
Norline	--	74.1	--	35.4	Pennlan	--	75.3	--	35.5
Walken	--	71.4	--	33.8					

BOWLING GREEN

<u>Winter Wheat</u>					<u>Winter Barley</u>				
<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>		<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>	
	<u>Bu/A</u>		<u>Lb/Bu</u>			<u>Bu/A</u>		<u>Lb/Bu</u>	
	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>		<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>
Arthur	49.2	36.9	60.5	56.5	Barsoy	43.3	52.5	43.2	46.2
Arthur 71	46.3	45.3	62.2	57.0	Harrison	55.7	50.4	45.4	47.1
Blueboy	29.4	31.8	56.1	50.7	Jefferson	46.7	64.5	44.4	44.4
McNair 4823	34.2	34.6	61.4	54.5	Knob	48.8	40.7	41.1	42.1
<u>Other Varieties</u>					<u>Other Varieties</u>				
Abe	51.4	46.3	61.6	56.4	Dayton	38.6	34.3	40.7	38.2
Benhur	39.0	37.3	60.3	56.0	Keowee	40.6	39.0	42.4	43.1
Blueboy II	39.8	43.6	58.0	53.0	Lakeland	47.1	34.2	43.0	41.7
Knox 62	35.7	32.2	60.3	56.1	McNair 601	46.4	48.0	41.6	43.1
Monon	38.6	31.3	60.5	53.2	Paoli	37.5	52.3	44.0	45.3
McNair 701	37.8	37.2	57.2	53.9	Schuyler	38.3	44.5	42.7	40.6

LEXINGTON

<u>Winter Wheat</u>					<u>Winter Barley</u>		
<u>Recommended Varieties</u>	<u>Yield</u>		<u>Test Wt.</u>		<u>Recommended Varieties</u>	<u>Yield</u>	
	<u>Bu/A</u>		<u>Lb/Bu</u>			<u>Bu/A</u>	
	<u>1972</u>	<u>1973</u>	<u>1972</u>	<u>1973</u>		<u>1972</u>	<u>1973</u>
Arthur	62.6	49.4	59.1	58.2	Barsoy		55.6
Arthur 71	57.1	51.9	58.8	58.4	Harrison		58.2
Blueboy	30.8	38.0	52.6	53.2	Jefferson		47.8
McNair 4823	46.8	42.7	61.8	53.0	Knob		48.3
<u>Other Varieties</u>					<u>Other Varieties</u>		
Abe	48.7	57.2	58.0	58.4	Dayton	Winter Killed	46.1
Benhur	47.9	33.4	60.3	53.5	Keowee		56.3
Blueboy II	37.9	38.9	59.8	51.0	Lakeland		57.1
Knox 62	44.7	27.1	60.0	57.6	McNair 601		54.1
Monon	45.2	34.1	59.8	54.5	Paoli		47.3
McNair 701	12.1	43.6	55.8	54.0	Schuyler		51.2