

**2001 INDIANA SMALL GRAINS PERFORMANCE TRIAL RESULTS,
TABLES 1 THROUGH 10.**

Table 1. Results of winter wheat performance trials in Porter Co., Location 1, north west Indiana.

Entry Type and Name	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Three-year average, 1999, 2000, 2001						
v Patton	90.4 *	58.6	3	36	0	5-14
v Roane Public	89.9 *	59.2	6	34	0	5-15
v Hopewell Public	88.6 *	57.2	2	36	0	5-16
v Madison Public	88.3 *	57.7	3	37	0	5-14
v Patterson Public	86.9 *	58.9	6	37	0	5-13
b Beck 108	86.1 *	59.1	2	38	0	5-15
v Clark Public	79.9	57.8	4	36	0	5-13
v Goldfield Public	79.8	58.5	2	37	0	5-14
v Cardinal Public	79.0	57.3	4	39	0	5-15
v Caldwell Public	74.6	57.9	17	35	0	5-14
Grand mean	84.3	58.2	5	37	0	5-14
B LSD (k=100)	7.3	1.8	16	1	ns	2
C.V. (%)	7.1	1.1	124	4		2
Two-year average, 2000, 2001						
b Croplan 547W	94.3 *	57.7	21	32	0	5-13
v Roane Public	92.4 *	59.1	4	33	0	5-14
b Beck 101	92.3 *	57.8	8	34	0	5-11
v Patton	91.7 *	58.5	2	35	0	5-13
v Madison Public	90.6 *	57.7	1	36	0	5-14
v Hopewell Public	90.6 *	57.5	2	35	0	5-15
b Beck 104	88.5 *	57.7	8	38	0	5-14
v Patterson Public	87.3 *	59.1	6	35	0	5-12
b Beck 108	86.2 *	59.6	1	38	0	5-14
v Cardinal Public	80.9	57.0	4	39	0	5-15
v Clark Public	80.0	58.5	3	36	0	5-11
v Goldfield Public	77.0	58.8	1	37	0	5-13
v Caldwell Public	76.1	58.4	21	35	0	5-13
Grand mean	86.8	58.3	6	36	0	5-13
B LSD (k=100)	9.4	2.6	ns	2	ns	2
C.V. (%)	4.5	0.6	154	4		2
2001 results(3)						
b Croplan 547W	91.2 *	58.3	0	31	0	5-14
b Beck 101	90.7 *	59.3	0	33	0	5-12
v Hopewell Public	87.2 *	58.2	0	35	0	5-16
v Ernie Public	87.1 *	60.3	0	31	0	5-14

Table 1 contd. Results of winter wheat performance trials in Porter Co., Location 1, north west Indiana.

Entry Type and Name	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
2001 results, continued(3)						
v Madison Public	85.8	58.8	0	37	0	5-16
b Bernard Steyer	85.4	59.1	0	39	0	5-16
v Patton	85.3	59.8	0	35	0	5-14
v Roane Public	84.8	59.4	0	32	0	5-15
v Mitchell AgriPro	84.6	58.7	0	35	0	5-14
v Patterson Public	84.5	60.5	0	35	0	5-14
b Beck 104	82.5	58.1	0	38	0	5-15
v Cardinal Public	80.9	56.8	0	40	0	5-16
b Beck 108	78.0	61.1	0	37	0	5-15
v Caldwell Public	77.7	60.5	0	35	0	5-15
v Clark Public	75.0	59.7	0	36	0	5-13
v Goldfield Public	72.1	59.3	0	36	0	5-15
Grand mean	83.3	59.2	0	35	0	5-15
B LSD (k=100)	5.1	0.5	ns	1	ns	1
C.V. (%)	4.5	0.6		3		1

(1) Lower-case letters indicate entry type as follows:
v-variety, b-brand, m-mixture (blend),
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

(2) Yields followed by an asterisk (*) are not statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Pinney Purdue Agricultural Center, Wanatah.

Jon D. Leuck, superintendent.

Randomized complete block design: 4 replications.

Table 1 contd. Results of winter wheat performance trials in Porter Co., Location 1, north west Indiana.

Soil type: Runnymede silt loam.
Soil test: pH 6.0, P 27 ppm (medium), K 179 ppm (medium).
Fertility program: 300 lbs./acre 8-32-16 broadcast and incorporated prior to seeding. Topdressed February 21, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rates of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: October 2, 2000.
Date of harvest: July 6, 2001.
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Table 2. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Three-year average, 1999, 2000, 2001						
b DB 500W	100.7 *	57.5	3	39	0	5-10
v Roane Public	99.2 *	59.5	7	34	0	5-11
b Beck 101	97.3 *	57.5	4	35	0	5-09
v Hopewell Public	94.5 *	57.4	1	37	0	5-13
v Madison Public	94.5 *	56.5	9	37	0	5-10
b Beck 108	93.5 *	58.3	3	40	0	5-11
v Patterson Public	91.9 *	58.2	4	38	0	5-09
v NK Coker 9474	91.4	59.6	3	35	0	5-09
v Cardinal Public	89.8	57.2	3	41	0	5-13
v Goldfield Public	84.5	57.9	2	40	0	5-10
v Clark Public	82.9	57.1	6	38	0	5-09
v Caldwell Public	79.6	57.6	6	37	0	5-11
Grand mean	91.7	57.9	4	38	0	5-10
BLSD (k=100)	8.9	1.1	ns	1	ns	2
C.V. (%)	5.9	1.5	103	3		2

Two-year average, 2000, 2001						
b Croplan 547W	102.0 *	57.2	7	33	0	5-09
b DB 500W	100.0 *	57.8	2	37	0	5-09
v Roane Public	98.7 *	59.5	5	32	0	5-09
b Beck 101	98.4 *	57.8	3	34	0	5-07
b Beck 104	98.3 *	57.7	4	38	0	5-09
v Madison Public	98.2 *	57.0	3	36	0	5-09
v Hopewell Public	96.7 *	57.6	1	35	0	5-12
b DB 491W	94.2 *	58.3	2	37	0	5-08

Table 2 contd. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 2000, 2001, continued						
b Beck 108	91.8	59.0	2	37	0	5-09
v Patterson Public	89.8	58.8	1	36	0	5-08
v Cardinal Public	89.2	57.5	2	40	0	5-11
v NK Coker 9474	86.5	59.4	1	33	0	5-08
v Clark Public	83.1	57.9	5	36	0	5-08
v Goldfield Public	81.1	58.2	0	38	0	5-10
v Caldwell Public	79.6	58.2	6	35	0	5-09
Grand mean	92.5	58.1	3	36	0	5-09
BLSD (k=100)	9.1	1.6	ns	1	ns	1
C.V. (%)	5.4	1.4	169	4		2

2001 results(3)						
v Madison Public	99.4 *	58.0	3	33	0	5-11
v Roane Public	99.2 *	60.9	0	30	0	5-10
b Beck 101	98.5 *	59.4	3	31	0	5-08
b Croplan 547W	98.2 *	58.0	0	31	0	5-10
b DB 500W	97.7 *	59.1	0	35	0	5-10
b Bernard Steyer	97.6 *	59.6	0	37	0	5-11
v Hopewell Public	93.7 *	58.7	0	33	0	5-13
b Beck 104	93.2	59.3	1	35	0	5-10
b DB 491W	90.1	59.7	0	35	0	5-09
v Cardinal Public	90.1	58.2	0	38	0	5-12
v Patterson Public	87.3	60.9	1	34	0	5-10
v Ernie Public	87.2	60.0	13	32	0	5-10
v Clark Public	83.3	59.7	10	35	0	5-09
v NK Coker 9474	82.4	61.4	0	32	0	5-09
b Beck 108	81.8	61.1	5	35	0	5-10
v Goldfield Public	80.3	59.9	0	36	0	5-12
v Caldwell Public	77.6	59.9	1	34	0	5-11
Grand mean	90.4	59.6	2	34	0	5-10
BLSD (k=100)	5.8	0.6	6	2	ns	1
C.V. (%)	4.8	0.7	177	4		2

(1) Lower-case letters indicate entry type as follows:
 v-variety, b-brand, m-mixture (blend),
 h-hybrid.
 Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.
 Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

Table 2 contd. Results of winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Purdue University Agronomy Research Center, Lafayette.
James J. Beaty III, superintendent.
Randomized complete block design: 4 replications.
Soil type: Drummer (Chalmers) silt loam.
Soil test: pH 5.9, P 56 ppm (very high), K 111 ppm (medium).
Fertility program: 200 lbs./acre 18-46-0 broadcast and incorporated prior to seeding. Topdressed February 13, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rates of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: September 29, 2000.
Date of harvest: Blocks 1 and 3, July 2, 2001, Blocks 2 and 4, July 6, 2001.
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Table 3. Results of late-seeded winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Three-year average, 1999, 2000, 2001						
v Madison Public	88.5 *	54.5	5	35	0	5-13
v Patterson Public	82.6 *	57.3	5	34	0	5-12
v Cardinal Public	82.4 *	55.8	5	37	0	5-15
v Roane Public	82.2 *	58.6	3	31	0	5-13
v Goldfield Public	78.9 *	57.3	2	38	0	5-13
v Caldwell Public	75.1	55.9	5	34	0	5-13
v Clark Public	72.3	55.8	2	35	0	5-12
Grand mean	80.3	56.5	4	35	0	5-13
BLSD (k=100)	12.1	1.7	ns	2	ns	1
C.V. (%)	7.1	1.1	161	4		1

Table 3 contd. Results of late-seeded winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average 2000, 2001						
b Croplan 547W	91.5 *	55.5	2	29	0	5-11
v Madison Public	90.7 *	54.3	2	32	0	5-11
v Cardinal Public	85.2 *	56.0	6	34	0	5-13
v Patterson Public	81.1 *	57.6	6	31	0	5-10
v Goldfield Public	78.7 *	57.3	1	35	0	5-12
v Roane Public	77.8 *	58.3	4	28	0	5-11
v Caldwell Public	74.3	56.0	6	31	0	5-11
v Clark Public	71.7	56.3	3	32	0	5-09
Grand mean	81.4	56.4	4	32	0	5-11
BLSD (k=100)	13.9	3.0	ns	4	ns	1
C.V. (%)	7.0	1.2	180	5		2
2001 results(3)						
v Madison Public	83.7 *	51.7	0	27	0	5-14
b Croplan 547W	82.0 *	53.5	3	23	0	5-14
v Cardinal Public	79.8 *	54.4	8	31	0	5-16
v Hopewell Public	76.7	53.8	6	26	0	5-17
v Goldfield Public	74.9	56.4	0	31	0	5-15
v Patterson Public	69.8	57.6	0	26	0	5-13
v Ernie Public	65.9	56.5	0	23	0	5-14
v Roane Public	63.6	57.0	0	22	0	5-14
v Clark Public	63.1	55.4	3	26	0	5-13
v Caldwell Public	60.4	54.3	8	26	0	5-15
Grand mean	72.0	55.1	3	26	0	5-15
BLSD (k=100)	6.9	1.2	10	2	ns	1
C.V. (%)	7.0	1.6	183	6		2

(1) Lower-case letters indicate entry type as follows:
v-variety, b-brand, m-mixture (blend),
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

Table 3 contd. Results of late-seeded winter wheat performance trials in Tippecanoe Co., Location 2, west central Indiana.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Purdue University Agronomy Research Center, Lafayette.
James J. Beaty III, superintendent.
Randomized complete block design: 4 replications.
Soil type: Drummer (Chalmers) silt loam.
Soil test: pH 6.3, P 33 ppm (high), K 120 ppm (medium).
Fertility program: 200 lbs./acre 18-46-0 broadcast and incorporated prior to seeding. Topdressed February 19, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rate of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: October 23, 2000.
Date of harvest: July 13, 2001.
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Table 4. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Three-year average, 1999, 2000, 2001						
v Patton	93.6 *	57.7	10	37	0	5-11
v Hopewell Public	93.3 *	56.1	3	36	0	5-13
b Beck 101	91.4 *	56.1	5	35	0	5-11
v Madison Public	89.7 *	56.1	11	37	0	5-11
v Patterson Public	89.0 *	57.8	11	37	0	5-10
b Beck 108	88.9 *	58.1	6	39	0	5-13
v Roane Public	84.8 *	58.1	21	33	0	5-13
v Clark Public	84.7 *	56.5	10	37	0	5-10
v Cardinal Public	82.9	56.8	13	39	0	5-13
v Goldfield Public	81.8	57.3	14	40	0	5-12
v Caldwell Public	80.6	56.8	14	37	0	5-12
Grand mean	87.3	57.0	11	37	0	5-12
BLSD (k=100)	9.4	1.1	16	2	ns	2
C.V. (%)	10.9	1.2	124	5		2

Table 4 contd. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 2000, 2001						
b Croplan 547W	98.0 *	56.1	2	31	0	5-09
v Patton	89.7 *	57.2	12	35	0	5-08
b Beck 108	89.5 *	58.1	9	38	0	5-11
v Hopewell Public	88.1 *	55.7	3	35	0	5-12
b Beck 101	87.1 *	55.6	5	32	0	5-08
b Beck 104	86.0 *	55.5	19	38	0	5-10
v Patterson Public	85.2	57.4	14	36	0	5-08
v Madison Public	84.1	55.4	13	34	0	5-09
v Clark Public	79.9	56.4	12	35	0	5-08
v Cardinal Public	76.9	56.1	15	37	0	5-11
v Goldfield Public	75.8	56.8	15	38	0	5-10
v Roane Public	75.3	57.8	26	30	0	5-11
v Caldwell Public	74.4	55.8	18	34	0	5-10
Grand mean	83.8	56.5	13	35	0	5-10
BLSD (k=100)	12.3	1.3	ns	2	ns	2
C.V. (%)	11.2	0.9	129	6		2
2001 results(3)						
v Patton	89.1 *	57.3	0	32	0	5-09
v Patterson Public	84.7 *	57.9	0	31	0	5-09
b Beck 104	84.4 *	56.5	0	34	0	5-11
b Croplan 547W	83.8 *	56.2	0	27	0	5-10
b Bernard Steyer	82.9 *	56.8	0	34	0	5-11
v Hopewell Public	82.6 *	55.5	0	32	0	5-12
b Beck 108	81.6 *	58.8	0	34	0	5-11
b Beck 101	81.2	55.6	0	28	0	5-09
v Bravo Central Ohio	80.6	57.7	0	33	0	5-10
v Madison Public	80.3	55.9	0	30	0	5-11
v Mitchell AgriPro	80.2	56.3	0	34	0	5-10
v Clark Public	75.1	56.8	0	31	0	5-09
v Ernie Public	74.5	57.3	0	28	0	5-09
v Cardinal Public	73.9	56.2	0	33	0	5-12
v Goldfield Public	73.1	58.0	0	35	0	5-11
v Roane Public	72.9	58.0	0	26	0	5-11
v Caldwell Public	69.1	56.2	0	32	0	5-11
Grand mean	79.4	56.9	0	31	0	5-10
BLSD (k=100)	7.8	0.5	ns	4	ns	1
C.V. (%)	6.6	0.7		8		1

Table 4 contd. Results of winter wheat performance trials in Randolph Co., Location 3, east central Indiana.

(1) Lower-case letters indicate entry type as follows: v-variety, b-brand, m-mixture (blend), h-hybrid.
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.
Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Davis-Purdue Agricultural Center, Farmland.
Jeffrey L. Boyer, superintendent.
Randomized complete block design: 4 replications.
Soil type: Blount silty clay loam.
Soil test: pH 6.3, P 51 ppm (very high), K 113 ppm (medium).
Fertility program: 262 lbs./acre 8-21-32 broadcast and incorporated prior to seeding. Topdressed February 21, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rates of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: October 16, 2000.
Date of harvest: July 12, 2001.
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Table 5. Results of winter wheat performance trials in south west Indiana, Location 4, (Daviss Co., in 1999, and Knox Co., in 2001).

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 1999, 2001						
v Patterson Public	70.3 *	57.1	13	34	0	5-06
v Madison Public	70.2 *	55.3	9	34	0	5-05
v Hopewell Public	69.8 *	55.8	4	32	0	5-05
v NK Coker 9663	69.3 *	56.6	22	36	0	5-04
v Patton	68.7 *	56.0	8	33	0	5-05
v Roane Public	68.5 *	57.1	20	32	0	5-05
v Cardinal Public	68.3 *	55.4	14	35	0	5-05

Table 5 contd. Results of winter wheat performance trials in south west Indiana, Location 4, (Daviss Co., in 1999, and Knox Co., in 2001).

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win. kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 1999, 2001, continued						
v Clark Public	66.3 *	55.7	23	35	0	5-03
v Goldfield Public	66.2 *	56.8	12	34	0	5-06
v NK Coker 9474	64.3 *	56.8	6	31	0	5-05
v Gibson	63.8 *	56.2	24	33	0	5-05
v Mason	63.2 *	55.9	13	34	0	5-03
b Beck 108	63.0 *	56.5	19	35	0	5-05
b Beck 101	62.3 *	55.6	6	32	0	5-05
v Caldwell Public	51.2 *	55.0	28	34	0	5-06
Grand mean	65.7	56.1	15	34	0	5-05
BLSD (k=100)	19.7	2.3	21	4	ns	ns
C.V. (%)	13.4	1.8	102	8		6
2001 results(3)						
v Cardinal Public	74.1 *	57.5	19	31	0	5-02
v Hopewell Public	73.2 *	56.7	6	29	0	5-03
b Beck 104	72.5 *	57.1	13	33	0	5-05
v Patterson Public	71.4 *	57.4	13	32	0	5-05
v NK Coker 9663	69.6 *	56.9	21	33	0	5-03
v Madison Public	69.2 *	55.6	7	30	0	5-04
v Patton	68.0 *	57.0	14	30	0	5-04
v Roane Public	67.3 *	57.5	16	26	0	5-03
v Goldfield Public	65.2 *	57.8	16	31	0	5-04
v NK Coker 9474	63.5 *	58.0	5	27	0	5-03
v Gibson	62.3 *	57.7	15	29	0	5-03
b Croplan 547W	62.2 *	56.2	6	28	0	5-04
v Mitchell AgriPro	60.0 *	56.2	7	29	0	5-05
b Beck 101	59.7 *	56.9	10	29	0	5-03
b Pancho Steyer	59.2 *	55.5	20	30	0	5-06
v Ernie Public	58.8 *	57.0	11	28	0	5-05
v Clark Public	58.0	56.5	21	30	0	5-02
v Mason	55.7	55.8	15	31	0	5-03
b Beck 108	51.3	57.3	31	30	0	5-04
v Caldwell Public	47.4	56.0	20	30	0	5-05
Grand mean	63.4	56.8	14	30	0	5-04
BLSD (k=100)	15.6	0.6	9	2	ns	1
C.V. (%)	14.7	0.8	44	5		2

Table 5 contd. Results of winter wheat performance trials in south west Indiana, Location 4, (Daviss Co., in 1999, and Knox Co., in 2001).

(1) Lower-case letters indicate entry type as follows: v-variety, b-brand, m-mixture (blend), h-hybrid.
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.
Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Southwest-Purdue Agricultural Center, Vincennes.
Melborn K. Lang, superintendent.
Randomized complete block design: 4 replications.
Soil type: Ade fine sandy loam.
Soil test: pH 5.9, P 42 ppm (high), K 172 ppm (high).
Fertility program: 200 lbs./acre 9-23-30 broadcast and incorporated prior to seeding. Topdressed March 1, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rates of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: October 20, 2000.
Date of harvest: June 25, 2001.
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Table 6. Results of winter wheat performance trials in Jennings Co., Location 5, south east Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win.Date kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 2000, 2001						
b Croplan 547W	107.6 *	57.7	7	36	0	5-07
b DB 500W	101.4 *	56.8	10	40	0	5-07
v Hopewell Public	100.4 *	56.9	2	38	0	5-09
v Gibson	100.3 *	58.2	5	36	0	5-05
v Patton	100.1 *	57.4	3	38	0	5-05

Table 6 contd. Results of winter wheat performance trials in Jennings Co., Location 5, south east Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win.Date kill	Date headed
	bu./A.	lb./bu.	%	in.	%	
Two-year average, 2000, 2001, continued						
v Roane Public	99.0	59.8	10	34	0	5-07
b Beck 104	98.8	56.7	14	40	0	5-06
v Madison Public	97.7	56.3	23	38	0	5-06
b DB 491W	97.3	57.2	9	39	0	5-05
v NK Coker 9663	96.8	57.9	42	41	0	5-07
v Cardinal Public	96.7	57.2	11	41	0	5-09
v Patterson Public	94.1	57.8	13	40	0	5-05
b Beck 108	92.9	58.2	19	38	0	5-07
v NK Coker 9474	91.6	59.5	8	36	0	5-06
v NK Coker 9025	91.5	56.2	47	37	0	5-07
v NK Coker 9543	91.1	57.6	34	34	0	5-05
v Clark Public	90.0	56.9	4	38	0	5-05
v Goldfield Public	83.3	58.6	2	41	0	5-10
v Caldwell Public	77.9	56.8	24	37	0	5-07
Grand mean	95.2	57.6	15	38	0	5-07
BLSD (k=100)	7.7	1.1	38	2	ns	2
C.V. (%)	6.1	0.6	72	4		2
2001 results(3)						
b Croplan 547W	111.4 *	58.0	4	34	0	5-07
v Mitchell AgriPro	108.0 *	57.2	18	36	0	5-05
v Gibson	103.4	57.9	4	34	0	5-05
v Roane Public	103.2	60.2	10	32	0	5-07
v Hopewell Public	102.3	57.3	4	37	0	5-09
v Patton	102.2	57.0	5	35	0	5-05
v Bravo Central Ohio	101.6	57.9	26	37	0	5-07
b DB 500W	101.6	57.0	18	39	0	5-07
b Bernard Steyer	101.1	58.5	11	38	0	5-09
b Beck 104	100.1	57.2	23	38	0	5-05
v Cardinal Public	99.6	57.8	16	40	0	5-09
b DB 491W	98.9	56.9	16	37	0	5-05
v NK Coker 9663	98.6	58.0	68	38	0	5-09
v Clark Public	96.3	56.5	8	36	0	5-05
v Patterson Public	96.1	58.0	21	38	0	5-05
v Ernie Public	95.3	57.0	56	32	0	5-07
v Madison Public	94.1	56.2	43	37	0	5-07
v NK Coker 9025	91.5	56.8	71	34	0	5-07
v NK Coker 9474	91.4	59.7	14	34	0	5-08
b Beck 108	90.0	58.7	36	37	0	5-07
v NK Coker 9543	89.1	56.9	63	32	0	5-05
v Goldfield Public	85.2	59.3	3	40	0	5-10
v Caldwell Public	74.9	56.9	36	36	0	5-08

Table 6 contd. Results of winter wheat performance trials in Jennings Co., Location 5, south east Indiana.

Entry Type and Name	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win.Date	Plant Win.Date
	bu./A.	lb./bu.	%	in.	%	

2001 results, continued(3)

Grand mean	97.2	57.7	25	36	0	5-07
BLSD (k=100)	8.0	0.4	21	2	ns	ns
C.V. (%)	6.1	0.6	62	4		1

(1) Lower-case letters indicate entry type as follows:
v-variety, b-brand, m-mixture (blend),
h-hybrid.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Southeast-Purdue Agricultural Center, Butlerville.
Donald J. Biehle, superintendent.
Randomized complete block design: 4 replications.
Soil type: Avonburg.
Soil test: pH 6.1, P 24 ppm (medium), K 145 ppm (high).
Fertility program: 524 lbs./acre 7-17-38 broadcast and incorporated prior to seeding. Topdressed March 6, 2001 with 34-0-0 at the rate of 300 lbs./acre.
Rates of seeding: 1.4 to 1.8 million live seeds per acre.
Date of seeding: October 19, 2000.
Date of harvest: June 26, 2001.

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Table 7. Results of winter wheat performance trials averaged across four Indiana locations; 1) Porter, 2) Tippecanoe, 3) Randolph, and 4) Jennings Counties.

Entry Type and Name	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Win.Date	Plant Win.Date
	bu./A.	lb./bu.	%	in.	%	

Two-year average, 2000, 2001

b Croplan 547W	100.5 *	57.2	9	33	0	5-09
v Hopewell	Public 93.9 *	56.9	2	36	0	5-12
b Beck 104	92.9	56.9	11	38	0	5-10
v Madison	Public 92.6	56.6	10	36	0	5-09
v Roane	Public 91.4	59.0	11	32	0	5-10
b Beck 108	90.1	58.7	8	38	0	5-10
v Patterson	Public 89.1	58.3	8	37	0	5-08
v Cardinal	Public 85.9	56.9	8	39	0	5-12
v Clark	Public 83.3	57.4	6	36	0	5-08
v Goldfield	Public 79.3	58.1	5	38	0	5-11
v Caldwell	Public 77.0	57.3	17	35	0	5-10
Grand mean	88.7	57.6	9	36	0	5-10
BLSD (k=100)	6.7	1.0	ns	1	ns	1
C.V. (%)	7.2	1.0	129	4		2

2001 results

b Croplan 547W	96.1 *	57.6	1	31	0	5-10
b Bernard	Steyer 91.8 *	58.5	3	37	0	5-12
v Hopewell	Public 91.4 *	57.4	1	34	0	5-12
v Roane	Public 90.0	59.6	3	30	0	5-11
b Beck 104	90.0	57.8	6	36	0	5-10
v Madison	Public 89.9	57.2	11	34	0	5-11
v Patterson	Public 88.1	59.3	6	35	0	5-09
v Cardinal	Public 86.1	57.3	4	38	0	5-12
v Ernie	Public 86.0	58.6	17	31	0	5-10
b Beck 108	82.8	59.9	10	36	0	5-11
v Clark	Public 82.4	58.2	4	34	0	5-09
v Goldfield	Public 77.7	59.1	1	37	0	5-12
v Caldwell	Public 74.8	58.4	9	34	0	5-11
Grand mean	86.7	58.4	6	34	0	5-11
BLSD (k=100)	6.0	1.0	18	1	ns	1
C.V. (%)	5.8	0.6	137	5		1

Table 7. Results of winter wheat performance trials averaged across four Indiana locations; 1) Porter, 2) Tippecanoe, 3) Randolph, and 4) Jennings Counties.

(1) Lower-case letters indicate entry type as follows: v-variety, b-brand, m-mixture (blend), h-hybrid.
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.
Other names are company or brand names, generally associated in the trade, with variety, brand, hybrid or blend names.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

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Table 8. Results of spring oats performance trials in Porter Co., Location 1, north west Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Date headed
	bu./A.	lb./bu.	%	in.	
Three-year average, 1999, 2000, 2001					
v Jay Public	146.6 *	36.7	1	36	6-03
v Classic Public	140.1 *	36.1	2	38	6-02
v INO 9201 Public	139.7 *	36.4	4	36	5-30
Grand mean	142.1	36.4	2	37	6-01
BLSD (k=100)	ns	0.2	ns	ns	1
C.V. (%)	6.3	1.7	113	3	4
Two-year average, 2000, 2001					
v Jay Public	164.7 *	37.1	2	39	6-03
v INO 9201 Public	158.2 *	36.7	6	39	5-30
v Classic Public	155.9 *	36.5	3	41	6-02
Grand mean	159.6	36.8	4	40	6-01
BLSD (k=100)	ns	0.1	ns	ns	2
C.V. (%)	6.3	2.0	88	3	4

Table 8 contd. Results of spring oats performance trials in Porter Co., Location 1, north west Indiana.

Entry Type and Name (1)	Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Date headed
	bu./A.	lb./bu.	%	in.	
2001 results(3)					
v Killdeer Public	164.1 *	37.2	0	43	6-07
v Sesqui Public	147.4	39.0	5	45	6-07
v Jay Public	145.5	37.5	0	42	6-03
v INO 9201 Public	145.0	37.1	5	42	5-30
v Classic Public	141.4	36.9	0	45	6-03
v Drumlin Public	133.0	37.1	8	48	6-01
v Wabasha Public	127.0	37.0	0	47	6-03
Grand mean	143.3	37.4	3	45	6-03
BLSD (k=100)	8.8	0.8	10	2	1
C.V. (%)	4.4	1.5	198	4	1

(1) Lower case letter (v) indicates the entry is a variety.
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) Conducted on the Pinney-Purdue Agricultural Center, Wanatah.
Jon D. Leuck, superintendent.
Randomized complete block design: 4 replications.
Soil type: Runnymede silt loam.
Soil test: pH 5.8, P 58 ppm (very high), K 151 ppm (high).
Fertility program: 200 lbs./acre 37-6-6 broadcast and incorporated prior to seeding.
Rate of seeding: 1.53 million live seeds or approximately 100 lbs./acre.
Date of seeding: March 22, 2001.
Date of harvest: July 17, 2001.

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Table 9. Results of spring oats performance trials in Tippecanoe Co., Location 2, west central Indiana.

Entry Type and Name (1)		Yield est.(2)	Test wt.	Lodg- ing %	Plant ht.	Date headed
		bu./A.	lb./bu.	%	in.	
Three-year average, 1999, 2000, 2001						
v Jay	Public	126.2 *	34.8	17	38	6-02
v INO 9201	Public	120.7 *	34.5	46	37	5-28
v Classic	Public	110.8	34.6	30	40	6-03
Grand mean		119.2	34.6	31	38	6-01
BLSD (k=100)		12.0	ns	ns	3	4
C.V. (%)		9.2	2.0	48	5	3
Two-year average, 2000, 2001						
v INO 9201	Public	123.6 *	34.4	69	35	5-25
v Jay	Public	123.3 *	35.5	24	36	5-31
v Classic	Public	110.0	35.1	44	39	6-01
Grand mean		119.0	35.0	46	37	5-29
BLSD (k=100)		4.6	ns	22	4	2
C.V. (%)		10.1	2.1	39	4	4
2001 results(3)						
v Drumlin	Public	142.4 *	36.5	65	40	5-29
v Sesqui	Public	139.7 *	38.5	19	38	6-05
v Jay	Public	133.3 *	36.3	18	35	5-31
v Wabasha	Public	132.8 *	36.6	6	37	6-01
v Killdeer	Public	132.8 *	35.4	48	36	6-03
v INO 9201	Public	131.5 *	34.5	55	36	5-24
v Classic	Public	118.2 *	36.4	28	38	6-01
Grand mean		133.0	36.3	34	37	5-31
BLSD (k=100)		ns	1.2	31	2	2
C.V. (%)		10.2	2.3	58	4	4

- (1) Lower case letter (v) indicates the entry is a variety. Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.
- (2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

Table 9 contd. Results of spring oats performance trials in Tippecanoe Co., Location 2, west central Indiana.

(3) Conducted on the Purdue University Agronomy Research Center, Lafayette.
 James J. Beaty III, superintendent.
 Randomized complete block design: 4 replications.
 Soil type: Drummer (Chalmers) silt loam.
 Soil test: pH 6.5, P 20 ppm (medium), K 192 ppm (high).
 Fertility program: 28 percent nitrogen solution, surface applied prior to seeding, to provide 70 lbs./acre of nitrogen.
 Rate of seeding: 1.53 million live seeds or approximately 100 lbs./acre.
 Date of seeding: March 23, 2001.
 Date of harvest: July 16, 2001.
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Table 10. Results of spring oats performance trials averaged across two Indiana Locations, 1) Porter, and 2) Tippecanoe Counties.

Entry Type and Name (1)		Yield est.(2)	Test wt.	Lodg- ing %	Plant ht.	Date headed
		bu./A.	lb./bu.	%	in.	
Three-year average, 1999, 2000, 2001						
v Jay	Public	136.4 *	35.7	9	37	6-02
v INO 9201	Public	130.2 *	35.4	25	36	5-29
v Classic	Public	125.4 *	35.4	16	39	6-02
Grand mean		130.7	35.5	17	37	6-01
BLSD (k=100)		ns	ns	ns	2	3
C.V. (%)		7.6	1.9	63	4	3
Two-year average, 2000, 2001						
v Jay	Public	144.0 *	36.3	13	37	6-02
v INO 9201	Public	140.9 *	35.5	38	37	5-28
v Classic	Public	133.0	35.8	23	40	6-02
Grand mean		139.3	35.9	25	38	5-31
BLSD (k=100)		8.6	ns	ns	3	5
C.V. (%)		7.9	2.0	52	4	4

Table 10 contd. Results of spring oats performance trials averaged across two Indiana Locations, 1) Porter, and 2) Tippecanoe Counties.

Entry Type and Name (1)		Yield est.(2)	Test wt.	Lodg- ing	Plant ht.	Date headed
		bu./A.	lb./bu.	%	in.	
2001 results						
v Killdeer	Public	148.5 *	36.3	24	40	6-05
v Sesqui	Public	143.6 *	38.8	12	42	6-06
v Jay	Public	139.4 *	36.9	9	38	6-01
v INO 9201	Public	138.2 *	35.8	30	39	5-27
v Drumlin	Public	137.7 *	36.8	36	44	5-31
v Wabasha	Public	129.9 *	36.8	3	42	6-02
v Classic	Public	129.8 *	36.7	14	41	6-02
Grand mean		138.2	36.9	18	41	6-02
BLSD (k=100)		ns	1.5	41	3	2
C.V. (%)		7.7	1.9	79	4	3

(1) Lower case letter (v) indicates the entry is a variety.

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.

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