

# Crop Production



## Soybean tests show yield leaders

By **BILL SPIEGEL**

**J**UST in time to take advantage of remaining soybean seed company discount offers, Kansas State University soybean breeder Bill Schapaugh has released the annual Soybean Performance Tests.

Statewide, farmers harvested 2.8 million acres of soybeans, averaging 37 bushels per acre for a total crop of 103.6 million bushels, according to the Kansas Agricultural Statistics Service. That's not as good as the 2004 crop, which averaged 41 bushels per acre, but remains the second-best soybean

crop since 1995.

The trials listed on this page reflect the top 10 soybean varieties at each Performance Test location throughout Kansas, except for the Finney County irrigated trials, which were abandoned due to drought and iron chlorosis.

Unless two varieties differ by more than the least significant difference, or LSD, little confidence can be placed in one being superior to the other.

For the printed publication, which includes full trials, agronomic information and multiple-year yield averages, visit your local Extension office or go to [www.k-state.edu/kscpt](http://www.k-state.edu/kscpt).

### Republic County dryland, Belleville

| Brand            | Name      | Yield |
|------------------|-----------|-------|
| Asgrow           | AG3305    | 60.4  |
| Pioneer          | 93B36     | 59.9  |
| Dekalb           | DKB34-51  | 59.6  |
| Pioneer          | 93M92     | 59.0  |
| Dyna-Gro         | SX05138   | 58.5  |
| NK               | S37-N4    | 58.2  |
| Midland-Phillips | 385NRS    | 57.6  |
| NK               | S32-G5    | 57.6  |
| Ohlde            | O-3334NRR | 57.3  |
| Asgrow           | AG3602    | 57.1  |

**Test average: 52.6 bushels per acre**  
LSD: 4.2 bushels

### Franklin County dryland, Ottawa

| Brand             | Name      | Yield |
|-------------------|-----------|-------|
| Renze             | R4836SRcn | 66.3  |
| MFA Morsoy        | RTS 4824  | 65.0  |
| Phillips          | 486NRS    | 64.8  |
| MFA Morsoy        | RT 4485N  | 64.3  |
| Advanced Genetics | AD4444NRR | 64.3  |
| Ohlde             | O-4292    | 63.8  |
| Midland           | MG4506NRR | 63.4  |
| Dekalb            | KDB44-51  | 63.4  |
| Garst             | 3712RR/N  | 63.1  |
| Dekalb            | DKB42-51  | 63.0  |

**Test average: 58.0 bushels per acre**  
LSD: 4.0 bushels

### Shawnee County dryland, Topeka

| Brand      | Name        | Yield |
|------------|-------------|-------|
| Renze      | R4836SRcn   | 61.8  |
| Renze      | R4486RRcn   | 58.4  |
| Kansas AES | KS4704RR    | 57.6  |
| Kruger     | K-389RR/SCN | 57.4  |
| Pioneer    | 94M30       | 56.9  |
| Phillips   | 385NRS      | 56.5  |
| Willcross  | RR2446N     | 55.7  |
| Dyna-Gro   | DG33A37     | 55.2  |

|          |          |      |
|----------|----------|------|
| Dekalb   | DKB44-51 | 54.8 |
| Dyna-Gro | DG 32C38 | 54.7 |

**Test average: 51.1 bushels per acre**  
LSD: 4.0 bushels

### Crawford County dryland, Pittsburg

#### Maturity Group IV

| Brand         | Name       | Yield |
|---------------|------------|-------|
| Willcross     | RR2446N    | 47.8  |
| Dyna-Gro      | DG32C38    | 48.1  |
| MFA Morsoy    | RT 4485N   | 47.6  |
| Dyna-Gro      | DG 3468NRR | 47.1  |
| Dyna-Gro      | DG 33A37   | 46.6  |
| Prairie Brand | PB-4583NRR | 46.6  |
| Midland       | MG9A432NRS | 46.1  |
| Dekalb        | DKB46-51   | 46.3  |
| Willcross     | RR2432N    | 45.8  |
| Asgrow        | AG4404     | 45.3  |

**Test average: 44.0 bushels per acre**  
LSD: 3.3 bushels

### Crawford County dryland, Pittsburg

#### Maturity Group V

| Brand        | Name       | Yield |
|--------------|------------|-------|
| MFA Morsoy   | RT 4731N   | 42.8  |
| MFA Morsoy   | RTS 4824   | 42.8  |
| Midwest Seed | GR4752     | 42.5  |
| MFA Morsoy   | RT 5154N   | 42.3  |
| Asgrow       | AG4903     | 42.3  |
| Asgrow       | AG5605     | 41.5  |
| Garst        | D484RR/N   | 41.8  |
| Midwest Seed | GRX48-01-5 | 41.5  |
| Willcross    | RR2544NSTS | 41.8  |
| M-Pride      | MPV5505NRR | 41.8  |
| Asgrow       | AG4801     | 41.5  |

**Test average: 38.6 bushels per acre**  
LSD: 3.0 bushels

### Nemaha County dryland, Centralia

| Brand         | Name        | Yield |
|---------------|-------------|-------|
| Kruger        | K-389RR/SCN | 66.6  |
| Prairie Brand | PB-3894NRR  | 65.8  |
| Midland       | MG9A385NRS  | 65.0  |
| Renze         | R3835SRcn   | 64.9  |
| AgSource      | 9383        | 64.2  |
| Ohlde         | O-3727NRS   | 64.0  |
| Taylor        | 398RRS      | 63.1  |
| Lewis         | 3853        | 63.1  |
| Willcross     | RR2386      | 61.7  |
| Ohlde         | O-3334NRR   | 61.6  |

**Test average: 58.3 bushels per acre**  
LSD: 2.8 bushels

### Harvey County dryland, Hesston

| Brand             | Name       | Yield |
|-------------------|------------|-------|
| Stine             | 3832-4     | 46.0  |
| Pioneer           | 94B73      | 45.6  |
| Garst             | 3512RR/N   | 45.5  |
| Advanced Genetics | AG3833NRS  | 45.2  |
| Ohlde             | O-3712NRR  | 45.2  |
| AgSource          | 9436       | 43.1  |
| Pioneer           | 93M80      | 42.8  |
| Ohlde             | O-4292     | 42.6  |
| Midland           | MG4506NRR  | 41.8  |
| Midland           | MG9A385NRS | 41.8  |

**Test average: 39.8 bushels per acre**  
LSD: 4.5 bushels

### Republic County irrigated, Scandia

| Brand            | Name     | Yield |
|------------------|----------|-------|
| Pioneer          | 93B86    | 87.1  |
| NK               | S35-F9   | 86.4  |
| Dyna-Gro         | SX05138  | 84.6  |
| Taylor           | 353RFR   | 85.4  |
| Midland-Phillips | 346NRR   | 82.3  |
| Pioneer          | 93M92    | 81.5  |
| Ohlde            | O-3494   | 82.0  |
| NK               | S30-D4   | 82.2  |
| Dekalb           | DKB36-52 | 81.9  |
| Asgrow           | AG3305   | 81.8  |
| NK               | S32-G5   | 81.8  |

**Test average: 79.4 bushels per acre**  
LSD: 3.1 bushels

### Shawnee County irrigated, Rossville

| Brand    | Name        | Yield |
|----------|-------------|-------|
| Midland  | MG9A385NRS  | 74.4  |
| Taylor   | 398RRS      | 69.2  |
| Garst    | 3624RR/N    | 68.4  |
| Kruger   | K-389RR/SCN | 68.3  |
| Phillips | 376NRR      | 68.1  |

|                   |             |      |
|-------------------|-------------|------|
| Advanced Genetics | AG3722NRR   | 65.4 |
| Kruger            | K-373RR/SCN | 64.0 |
| Phillips          | 385NRS      | 63.4 |
| Phillips          | 374NRR      | 62.9 |
| Taylor            | 353RR       | 62.6 |

**Test average: 56.5 bushels per acre**  
LSD: 8.3 bushels

### Thomas County irrigated, Colby

| Brand    | Name      | Yield |
|----------|-----------|-------|
| Dekalb   | DKB34-51  | 79.6  |
| Ohlde    | O-3334NRR | 77.8  |
| NK       | S35-F9    | 76.9  |
| Asgrow   | AG3305    | 77.1  |
| Dyna-Gro | DG 35D33  | 76.7  |
| Asgrow   | AG3005    | 76.1  |
| Dekalb   | DKB36-52  | 75.0  |
| Pioneer  | 93M50     | 72.7  |
| NK       | S30-D4    | 71.1  |
| Garst    | 3212RR/N  | 67.7  |

**Test average: 67.7 bushels per acre**  
LSD: 4.8 bushels

### Reno County irrigated, Hutchinson

| Brand             | Name      | Yield |
|-------------------|-----------|-------|
| Ohlde             | O-4292    | 52.2  |
| Garst             | 3712RR/N  | 51.0  |
| Advanced Genetics | AG4040NRR | 50.8  |
| Pioneer           | 94M30     | 50.5  |
| Croplan Genetics  | RC4095    | 48.8  |
| DeltaPine         | DP4331RR  | 48.5  |
| NK                | S35-F9    | 47.7  |
| Asgrow            | AG4404    | 47.1  |
| Phillips          | 465NRR    | 47.1  |
| Midland           | MG4506NRR | 47.0  |

**Test average: 41.6 bushels per acre**  
LSD: 7.1 bushels

### Cherokee County dryland, Columbus

| Brand        | Name      | Yield |
|--------------|-----------|-------|
| KSOY         | KS5502N   | 33.0  |
| Kansas AES   | KS502RR   | 31.3  |
| Pioneer      | 93M50     | 29.5  |
| Kansas AES   | K1463RR   | 29.3  |
| Kansas AES   | KS5004N   | 28.5  |
| Maryland AES | Manokin   | 28.5  |
| Virginia AES | Hutcheson | 28.5  |
| Kansas AES   | K4602RR   | 27.8  |
| KSOY         | KS4602N   | 27.5  |
| Pioneer      | 94M80     | 26.0  |

**Test average: 27.9 bushels per acre**  
LSD: 2.5 bushels