

Wheat Tech, Inc.

2007 Main Corn Variety Trial

Logan County, Kentucky

| Brand | Variety | Herb Tol | Maturity | Yield Bu/a | | TW lbs |
|---------------|---------------|----------|----------|--------------|-----|-------------|
| Garst | 8452CB/LL | LL | 112 | 166.7 | a | 56.0 |
| NK | N68-B8 | LL | 110 | 159.9 | abc | 56.4 |
| NK | N72-Q6 | LL | 112 | 156.1 | a-d | 56.6 |
| NK | N76-M5 | LL | 113 | 150.1 | a-e | 56.9 |
| Garst | 8353CB/LL | LL | 114 | 149.0 | a-e | 57.3 |
| AgVenture | 8036YPRR | RR | 111 | 143.9 | a-g | 56.6 |
| DeKalb | DKC 61-73 | RR | 111 | 142.1 | a-g | 57.4 |
| Beck's | 5816CBRR | RR | 112 | 141.9 | a-g | 58.5 |
| Beck's | 5555 CBRWRR | RR | 111 | 140.8 | a-g | 59.2 |
| Asgrow | RX715RR2/YGCB | RR | 111 | 140.7 | a-g | 58.1 |
| Croplan | 6992RB | RR | 113 | 139.3 | a-h | 57.2 |
| AgVenture | 8109R2CB | RR | 111 | 138.8 | a-h | 59.4 |
| Beck's | 5444CBRWRR | RR | 110 | 137.5 | a-h | 57.3 |
| Pioneer | 33N58 | RR | 115 | 137.0 | a-h | 59.5 |
| AgVenture | 8923 | Conv | 115 | 135.6 | a-h | 56.2 |
| Stine | 9720 RR/YGCB | RR | 111 | 133.8 | a-h | 58.5 |
| Stine | 9724 RR/YGCB | RR | 110 | 133.8 | a-h | 57.5 |
| Prairie Farms | 6993 | RR | 113 | 133.5 | a-h | 58.3 |
| Croplan | 691CL | CL | 112 | 133.5 | a-h | 55.5 |
| AgVenture | 9146YPRR | RR | 116 | 132.3 | a-h | 57.9 |
| Beck's | 6733 | Conv | 114 | 132.2 | a-h | 58.8 |
| Garst | 8534YG1/GT | RR | 108 | 132.0 | a-h | 57.0 |
| Garst | 8489GT | RR | 112 | 130.1 | b-h | 59.7 |
| Pioneer | 31G71 | RR | 118 | 129.6 | b-h | 58.5 |
| DeKalb | DKC 62-99 | RR | 112 | 129.6 | b-h | 59.1 |
| Beck's | 7916CBRR | RR | 116 | 128.3 | b-h | 57.0 |
| DeKalb | DKC 63-42 | RR | 113 | 127.7 | b-h | 57.5 |
| AgVenture | 8442YPRR | RR | 113 | 127.5 | b-h | 58.7 |
| Stine | 9721 RR/YGCB | RR | 112 | 125.0 | c-h | 57.4 |
| Croplan | 799RB | RR | 117 | 124.0 | d-h | 57.2 |
| Prairie Farms | 6333 | RR | 111 | 122.8 | d-h | 60.4 |
| DeKalb | DKC 64-76 | RR | 114 | 121.7 | d-h | 60.4 |
| Pioneer | 31P41 | Conv | 118 | 120.9 | d-h | 57.9 |
| Pioneer | 34A20 | RR | 109 | 120.6 | d-h | 59.1 |
| Pioneer | 33M57 | RR2/LL | 115 | 111.0 | fgh | 61.5 |
| Garst | 8295YG1/RR | RR | 118 | 110.6 | gh | 58.4 |
| Mean | | | | 134.4 | | 58.0 |

Planted: April 18th

Harvested: September 7th

Wheat Tech, Inc.

2007 Main Corn Variety Trial

Logan County, Kentucky

Yield by Maturity

111 days or earlier

| Brand | Variety | Herb Tol | Maturity | Yield Bu/a | TW lbs |
|---------------|---------------|----------|----------|--------------|-------------|
| NK | N68-B8 | LL | 110 | 159.9 | 56.4 |
| AgVenture | 8036YPRR | RR | 111 | 143.9 | 56.6 |
| DeKalb | DKC 61-73 | RR | 111 | 142.1 | 57.4 |
| Beck's | 5555 CBRWRR | RR | 111 | 140.8 | 59.2 |
| Asgrow | RX715RR2/YGCB | RR | 111 | 140.7 | 58.1 |
| AgVenture | 8109R2CB | RR | 111 | 138.8 | 59.4 |
| Beck's | 5444CBRWRR | RR | 110 | 137.5 | 57.3 |
| Stine | 9724 RR/YGCB | RR | 110 | 133.8 | 57.5 |
| Stine | 9720 RR/YGCB | RR | 111 | 133.8 | 58.5 |
| Garst | 8534YG1/GT | RR | 108 | 132.0 | 57.0 |
| Prairie Farms | 6333 | RR | 111 | 122.8 | 60.4 |
| Pioneer | 34A20 | RR | 109 | 120.6 | 59.1 |
| Mean | | | | 137.2 | 58.1 |

112-114 days

| Brand | Variety | Herb Tol | Maturity | Yield Bu/a | TW lbs |
|---------------|--------------|----------|----------|--------------|-------------|
| Garst | 8452CB/LL | LL | 112 | 166.7 | 56.0 |
| NK | N72-Q6 | LL | 112 | 156.1 | 56.6 |
| NK | N76-M5 | LL | 113 | 150.1 | 56.9 |
| Garst | 8353CB/LL | LL | 114 | 149.0 | 57.3 |
| Beck's | 5816CBRR | RR | 112 | 141.9 | 58.5 |
| Croplan | 6992RB | RR | 113 | 139.3 | 57.2 |
| Prairie Farms | 6993 | RR | 113 | 133.5 | 58.3 |
| Croplan | 691CL | CL | 112 | 133.5 | 55.5 |
| Beck's | 6733 | Conv | 114 | 132.2 | 58.8 |
| Garst | 8489GT | RR | 112 | 130.1 | 59.7 |
| DeKalb | DKC 62-99 | RR | 112 | 129.6 | 59.1 |
| DeKalb | DKC 63-42 | RR | 113 | 127.7 | 57.5 |
| AgVenture | 8442YPRR | RR | 113 | 127.5 | 58.7 |
| Stine | 9721 RR/YGCB | RR | 112 | 125.0 | 57.4 |
| DeKalb | DKC 64-76 | RR | 114 | 121.7 | 60.4 |
| Mean | | | | 137.6 | 57.9 |

Wheat Tech, Inc.

2007 Main Corn Variety Trial

Logan County, Kentucky

Yield by Maturity

115 days or later

| Brand | Variety | Herb Tol | Maturity | Yield Bu/a | TW lbs |
|-------------|------------|----------|----------|--------------|-------------|
| Pioneer | 33N58 | RR | 115 | 137.0 | 59.5 |
| AgVenture | 8923 | Conv | 115 | 135.6 | 56.2 |
| AgVenture | 9146YPRR | RR | 116 | 132.3 | 57.9 |
| Pioneer | 31G71 | RR | 118 | 129.6 | 58.5 |
| Beck's | 7916CBRR | RR | 116 | 128.3 | 57.0 |
| Croplan | 799RB | RR | 117 | 124.0 | 57.2 |
| Pioneer | 31P41 | Conv | 118 | 120.9 | 57.9 |
| Pioneer | 33M57 | RR | 115 | 111.0 | 61.5 |
| Garst | 8295YG1/RR | RR | 118 | 110.6 | 58.4 |
| Mean | | | | 125.5 | 58.2 |

Yield by Herbicide Tolerance

Treated with conventional herbicide

| Brand | Variety | Maturity | Yield Bu/a | TW lbs |
|-------------|-----------|----------|--------------|-------------|
| Garst | 8452CB/LL | 112 | 166.7 | 56.0 |
| NK | N68-B8 | 110 | 159.9 | 56.4 |
| NK | N72-Q6 | 112 | 156.1 | 56.6 |
| NK | N76-M5 | 113 | 150.1 | 56.9 |
| Garst | 8353CB/LL | 114 | 149.0 | 57.3 |
| AgVenture | 8923 | 115 | 135.6 | 56.2 |
| Beck's | 6733 | 114 | 132.2 | 58.8 |
| Pioneer | 31P41 | 118 | 120.9 | 57.9 |
| Mean | | | 146.3 | 57.0 |

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Logan County, Kentucky

Yield by Herbicide Tolerance

Clearfield Variety

| Brand | Variety | Maturity | Yield Bu/a | TW lbs |
|-------------|---------|----------|--------------|-------------|
| Croplan | 691CL | 112 | 133.5 | 55.5 |
| Mean | | | 133.5 | 55.5 |

Glyphosate Tolerant Varieties

| Brand | Variety | Maturity | Yield Bu/a | TW lbs |
|---------------|---------------|----------|--------------|-------------|
| AgVenture | 8036YPRR | 111 | 143.9 | 56.6 |
| DeKalb | DKC 61-73 | 111 | 142.1 | 57.4 |
| Beck's | 5816CBRR | 112 | 141.9 | 58.5 |
| Beck's | 5555 CBRWRR | 111 | 140.8 | 59.2 |
| Asgrow | RX715RR2/YGCB | 111 | 140.7 | 58.1 |
| Croplan | 6992RB | 113 | 139.3 | 57.2 |
| AgVenture | 8109R2CB | 111 | 138.8 | 59.4 |
| Beck's | 5444CBRWRR | 110 | 137.5 | 57.3 |
| Pioneer | 33N58 | 115 | 137.0 | 59.5 |
| Stine | 9720 RR/YGCB | 111 | 133.8 | 58.5 |
| Stine | 9724 RR/YGCB | 110 | 133.8 | 57.5 |
| Prairie Farms | 6993 | 113 | 133.5 | 58.3 |
| AgVenture | 9146YPRR | 116 | 132.3 | 57.9 |
| Garst | 8534YG1/GT | 108 | 132.0 | 57.0 |
| Garst | 8489GT | 112 | 130.1 | 59.7 |
| DeKalb | DKC 62-99 | 112 | 129.6 | 59.1 |
| Pioneer | 31G71 | 118 | 129.6 | 58.5 |
| Beck's | 7916CBRR | 116 | 128.3 | 57.0 |
| DeKalb | DKC 63-42 | 113 | 127.7 | 57.5 |
| AgVenture | 8442YPRR | 113 | 127.5 | 58.7 |
| Stine | 9721 RR/YGCB | 112 | 125.0 | 57.4 |
| Croplan | 799RB | 117 | 124.0 | 57.2 |
| Prairie Farms | 6333 | 111 | 122.8 | 60.4 |
| DeKalb | DKC 64-76 | 114 | 121.7 | 60.4 |
| Pioneer | 34A20 | 109 | 120.6 | 59.1 |
| Pioneer | 33M57 | 115 | 111.0 | 61.5 |
| Garst | 8295YG1/RR | 118 | 110.6 | 58.4 |
| Mean | | | 131.0 | 58.4 |