

SOYBEAN VARIETY TESTS 2005



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EARLY SEASON ROUNDUP READY SOYBEAN VARIETY TESTS

Table 1. Early Season Roundup Ready Soybean Production Bixby, OK 2005²

| Variety ⁴ | Maturity Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| AG 4403 | 4.4 | 9/20 | 28 | 0 | 0 | 3850 | 24.6 |
| DG3463NRR | 3.4 | 9/20 | 25 | 0 | 0 | 3700 | 22.5 |
| AG 4404 | 4.4 | 9/20 | 26 | 0 | 0 | 3600 | 22.3 |
| AG 3905 | 3.9 | 9/20 | 26 | 0 | 0 | 3950 | 19.9 |
| AG 3802 | 3.8 | 9/8 | 29 | 0 | 0 | 4100 | 11.1 |
| DKB36-52 | 3.6 | 9/8 | 25 | 0 | 0 | 3750 | 10.8 |
| 93M92 | 3.9 | 9/8 | 23 | 0 | 0 | 3500 | 10.7 |
| AG 3602 | 3.6 | 9/8 | 25 | 0 | 0 | 4050 | 8.5 |
| 93M51 | 3.5 | 9/8 | 23 | 0 | 0 | 3500 | 7.8 |

¹Mean yield =15.3 Bu/Acre. LSD @ .05 = 1.9 Bu/Acre. C.V. = 7.2 %.

²Planted May 5, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Table 2. Early Season Roundup Ready Soybean Production Haskell, OK 2005²

| Variety ⁴ | Maturity Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| AG 4404 | 4.4 | 8/29 | 30 | 0 | 1 | 4000 | 51.4 |
| AG 3905 | 3.9 | 8/29 | 33 | 0 | 0 | 3650 | 48.0 |
| DG3463NRR | 3.4 | 10/3 | 36 | 0 | 1 | 3600 | 46.4 |
| DKB36-52 | 3.6 | 8/29 | 30 | 0 | 0 | 3700 | 45.5 |
| 93M92 | 3.9 | 8/29 | 32 | 0 | 1 | 3600 | 45.4 |
| AG 3802 | 3.8 | 8/29 | 35 | 0 | 0 | 3650 | 42.5 |
| AG 3602 | 3.6 | 8/29 | 29 | 0 | 0 | 4150 | 38.6 |
| 93M51 | 3.5 | 8/29 | 30 | 0 | 1 | 3400 | 37.2 |
| AG 4403 | 4.4 | 10/3 | 33 | 0 | 1 | 3950 | 30.5 |

¹Mean yield = 42.8 Bu/Acre. LSD @ .05 = 3.9 Bu/Acre. C.V. = 5.3 %.

²Planted April 20, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Table 3. Early Season Roundup Ready Soybean Production Chickasha, OK 2005²

| Variety ⁴ | Maturity Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| AG 4403 | 4.4 | 11/3 | 28 | 2 | 0 | 3100 | 21.7 |
| 93M92 | 3.9 | 9/7 | 24 | 0 | 0 | 2650 | 17.5 |
| AG 3802 | 3.8 | 9/7 | 26 | 0 | 0 | 3850 | 16.4 |
| AG 4404 | 4.4 | 11/3 | 27 | 1 | 0 | 3150 | 15.9 |
| 93M51 | 3.5 | 9/7 | 26 | 0 | 0 | 3200 | 15.3 |
| AG 3905 | 3.9 | 11/3 | 24 | 1 | 0 | 2950 | 14.2 |
| DG3463NRR | 3.4 | 11/3 | 28 | 2 | 0 | 3350 | 13.7 |
| AG 3602 | 3.6 | 9/7 | 22 | 0 | 0 | 3800 | 11.6 |
| DKB36-52 | 3.6 | 9/7 | 21 | 0 | 0 | 3250 | 11.6 |

¹Mean yield = 15.3 Bu/Acre. LSD @ .05 = 2.4 Bu/Acre. C.V. = 9.1 %.

²Planted May 10, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Table 4. Early Season Roundup Ready Soybean Production Lahoma, OK 2005²

| Variety ⁴ | Maturity Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| DG3463NRR | 3.4 | 11/7 | 26 | 1 | 0 | 3400 | 34.4 |
| AG 4403 | 4.4 | 11/7 | 27 | 2 | 0 | 3500 | 32.9 |
| AG 3905 | 3.9 | 11/7 | 27 | 2 | 0 | 3250 | 27.5 |
| AG 4404 | 4.4 | 9/6 | 24 | 0 | 0 | 3650 | 22.5 |
| 93M92 | 3.9 | 9/6 | 24 | 0 | 0 | 2900 | 21.0 |
| AG 3802 | 3.8 | 9/6 | 23 | 1 | 0 | 4100 | 18.3 |
| 93M51 | 3.5 | 9/6 | 22 | 1 | 0 | 3600 | 17.5 |
| DKB36-52 | 3.6 | 9/6 | 22 | 1 | 0 | 3600 | 15.9 |
| AG 3602 | 3.6 | 9/6 | 22 | 1 | 0 | 3900 | 13.2 |

¹Mean yield = 22.6 Bu/Acre. LSD @ .05 = 2.6 Bu/Acre. C.V. = 6.6 %.

²Planted April 18, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

Table 5. Early Season Roundup Ready Soybean Production Goodwell, OK 2005^{2***}

| Variety ⁴ | Maturity Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| DG3463NRR | 3.4 | | | | | | |
| AG 3602 | 3.6 | | | | | | |
| DKB36-52 | 3.6 | | | | | | |
| AG 3802 | 3.8 | | | | | | |
| AG 3905 | 3.9 | | | | | | |
| AG 4403 | 4.4 | | | | | | |
| AG 4404 | 4.4 | | | | | | |
| 93M51 | 3.5 | | | | | | |
| 93M92 | 3.9 | | | | | | |

¹Mean yield = Bu/Acre. LSD @ .05 = Bu/Acre. C.V. = %

²Planted May 5, 2005 on a 30" row spacing. Not harvested. Supplemental irrigation used at this location. ***This test was wiped out by Jack rabbits in 2005.***

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties 39M51 and 93M92 are from Pioneer Hi-Bred International Inc.; Asgrow AG3602, AG3802, AG3905, AG4403, AG4404, and Dekalb DKB36-52 are from Monsanto; DynaGro 3463NRR is from UAP Southwest DynaGro Seed Co.

EARLY SEASON CONVENTIONAL SOYBEAN VARIETY TESTS

Table 1. Early Season Soybean Production Bixby, OK 2005².

| Variety | Mat. Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|------------|------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| 5002T | 4.6 | 10/13 | 21 | 0 | 0 | 3050 | 25.6 |
| V99-1030 | 4.0 | 10/13 | 24 | 0 | 0 | 3550 | 16.1 |
| V00-1380 | 4.6 | 9/20 | 17 | 0 | 0 | 4250 | 14.7 |
| LS00-1755 | 4.0 | 9/20 | 23 | 0 | 0 | 3450 | 14.2 |
| LN97-15076 | 4.0 | 9/8 | 21 | 0 | 0 | 3600 | 8.2 |
| Macon III | 4.0 | 9/8 | 20 | 0 | 0 | 3200 | 7.7 |
| MD00-6612 | 4.0 | 9/20 | 28 | 0 | 0 | 3700 | 7.4 |
| V99-7139 | 4.0 | 9/8 | 23 | 0 | 0 | 4500 | 7.0 |

¹Mean yield =12.6 Bu/Acre. LSD @ .05 = 2.4 Bu/Acre. C.V. = 10.9%.

²Planted May 4, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 2. Early Season Soybean Production Haskell, OK 2005².

| Variety | Mat. Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|------------|------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| 5002T | 4.6 | 10/3 | 22 | 0 | 0 | 3050 | 50.7 |
| V99-7139 | 4.0 | 8/29 | 30 | 0 | 1 | 3850 | 40.5 |
| LN97-15076 | 4.0 | 8/29 | 29 | 0 | 1 | 3350 | 35.1 |
| V00-1380 | 4.6 | 10/3 | 17 | 0 | 0 | 3650 | 34.2 |
| V99-1030 | 4.0 | 10/3 | 20 | 0 | 0 | 3500 | 31.3 |
| LS00-1755 | 4.0 | 10/3 | 18 | 0 | 0 | 3000 | 30.1 |
| Macon III | 4.0 | 8/29 | 26 | 0 | 1 | 3000 | 26.3 |
| MD00-6612 | 4.0 | 10/3 | 37 | 0 | 0 | 3150 | 12.6 |

¹Mean yield = 32.6 Bu/Acre. LSD@.05 = 5.8 Bu/Acre. C.V. = 10.1%.

²Planted April 20, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 3. Early Season Soybean Production Chickasha, OK 2005².

| Variety | Mat. Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|------------|------------|--------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| LN97-15076 | 4.0 | 9/7 | 22 | 0 | 0 | 3350 | 19.5 |
| 5002T | 4.6 | 11/3 | 18 | 2 | 0 | 4050 | 17.2 |
| V99-1030 | 4.0 | 11/3 | 21 | 1 | 0 | 3700 | 16.8 |
| Macon III | 4.0 | 9/7 | 21 | 0 | 0 | 2700 | 16.7 |
| MD00-6612 | 4.0 | 11/3 | 25 | 2 | 0 | 3450 | 16.3 |
| LS00-1755 | 4.0 | 11/3 | 17 | 1 | 0 | 3150 | 14.5 |
| V00-1380 | 4.6 | 11/3 | 17 | 2 | 0 | 3600 | 13.3 |
| V99-7139 | 4.0 | 9/7 | 20 | 0 | 0 | 3150 | 10.8 |

¹Mean yield = 15.7 Bu/Acre. LSD@.05= 3.4 Bu/Acre. C.V. = 12.5%.

²Planted May 10, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 4. Early Season Soybean Production Lahoma, OK 2005².

| Variety | Mat. Group | Harvest Date | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/L b. | Yield in ¹ Bu/Acre |
|------------|------------|--------------|------------------|-------------------------------|----------------------------|------------|-------------------------------|
| V99-1030 | 4.0 | 11/7 | 17 | 1 | 0 | 3350 | 24.6 |
| 5002T | 4.6 | 11/7 | 15 | 2 | 0 | 3200 | 22.8 |
| V99-7139 | 4.0 | 9/6 | 25 | 0 | 0 | 4000 | 22.8 |
| LS00-1755 | 4.0 | 11/7 | 21 | 1 | 0 | 3600 | 18.9 |
| V00-1380 | 4.6 | 11/7 | 15 | 0 | 0 | 3500 | 18.8 |
| MD00-6612 | 4.0 | 11/7 | 27 | 2 | 2 | 3350 | 16.5 |
| Macon III | 4.0 | 9/6 | 21 | 0 | 0 | 2850 | 15.6 |
| LN97-15076 | 4.0 | 9/6 | 23 | 0 | 0 | 3400 | 12.8 |

¹Mean yield = 19.1 Bu/Acre. LSD@.05= 4.2 Bu/Acre. C.V. = 12.5%.

²Planted April 18, 2005 on a 30" row spacing. Harvested as ready. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

FULL SEASON ROUNDUP READY SOYBEAN VARIETY TESTS

Table 1. Full Season Roundup Ready Soybean Production Bixby, OK 2005²

| Variety ⁴ | Maturity Group | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| AG4903 | 4.9 | 23 | 0 | 0 | 3700 | 38.6 |
| DG38K57 | 5.0 | 28 | 0 | 0 | 3700 | 37.7 |
| DG3600NRR | 6.0 | 26 | 0 | 0 | 3300 | 37.5 |
| AG5501 | 5.5 | 26 | 1 | 0 | 3650 | 37.5 |
| 95M81 | 5.0 | 26 | 0 | 0 | 4000 | 36.6 |
| DG3535NRR | 5.3 | 26 | 0 | 1 | 3700 | 33.1 |
| AG5601 | 5.6 | 31 | 0 | 0 | 4250 | 32.2 |
| 95M50 | 5.0 | 27 | 0 | 0 | 3400 | 31.7 |
| DKB46-51 | 5.0 | 25 | 1 | 0 | 3300 | 30.6 |
| AG4802 | 4.8 | 26 | 1 | 0 | 3050 | 28.6 |
| AG5301 | 5.3 | 26 | 1 | 0 | 3600 | 28.5 |
| DG3562NRR | 5.6 | 20 | 0 | 0 | 3600 | 27.8 |

¹Mean Yield = 33.4 Bu/Acre. LSD @ .05 = 4.2 Bu/Acre. C.V. = 7.5%.

²Planted June 23, 2005 on a 30" row spacing. Harvested all plots on November 8, 2005. No supplemental irrigation used at this location.

³ = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties DynoGro 3535NRR, 38K57, 3600NRR, and 3562NRR are from UAP Southwest DynaGro Seed Co.; Dekalb DKB46-51, Asgrow AG4802, AG4903, AG5301, AG5501, and AG5601 are from Monsanto; 95M50 and 95M81 are from Pioneer Hi-Bred International Inc.

Table 2. Full Season Roundup Ready Soybean Production Haskell, OK 2005²

| Variety ⁴ | Maturity Group | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| DG3562NRR | 5.6 | 35 | 0 | 1 | 3450 | 55.1 |
| DG3600NRR | 6.0 | 38 | 0 | 1 | 3500 | 51.8 |
| AG5501 | 5.5 | 41 | 0 | 1 | 3400 | 50.3 |
| DKB46-51 | 5.0 | 39 | 0 | 1 | 3200 | 50.0 |
| 95M50 | 5.0 | 35 | 0 | 1 | 3300 | 49.9 |
| DG38K57 | 5.0 | 35 | 0 | 2 | 3400 | 47.9 |
| AG5601 | 5.6 | 38 | 0 | 2 | 4550 | 46.8 |
| DG3535NRR | 5.3 | 36 | 0 | 1 | 3900 | 46.3 |
| AG4802 | 4.8 | 34 | 0 | 0 | 2650 | 45.9 |
| AG5301 | 5.3 | 42 | 0 | 1 | 3550 | 43.6 |
| AG4903 | 4.9 | 36 | 0 | 0 | 3300 | 41.2 |
| 95M81 | 5.0 | 38 | 0 | 1 | 4300 | 33.2 |

¹Mean Yield = 46.9 Bu/Acre. LSD @ .05 = 4.4 Bu/Acre. C.V. = 5.5 %.

²Planted June 10, 2005 on a 30" row spacing. Harvested all plots on October 18, 2005. No supplemental irrigation used at this location.

³ = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties DynoGro 3535NRR, 38K57, 3600NRR, and 3562NRR are from UAP Southwest DynaGro Seed Co.; Dekalb DKB46-51, Asgrow AG4802, AG4903, AG5301, AG5501, and AG5601 are from Monsanto; 95M50 and 95M81 are from Pioneer Hi-Bred International Inc.

Table 3. Full Season Roundup Ready Soybean Production Chickasha, OK 2005²

| Variety ⁴ | Maturity Group | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| 95M81 | 5.0 | 32 | 0 | 0 | 3650 | 44.4 |
| AG5601 | 5.6 | 28 | 0 | 0 | 3450 | 40.3 |
| DG38K57 | 5.0 | 32 | 0 | 1 | 3650 | 38.6 |
| 95M50 | 5.0 | 32 | 0 | 0 | 3100 | 37.3 |
| DG3535NRR | 5.3 | 30 | 0 | 0 | 3700 | 35.3 |
| AG5501 | 5.5 | 31 | 1 | 0 | 3800 | 33.5 |
| AG4903 | 4.9 | 27 | 1 | 0 | 3100 | 30.5 |
| DKB46-51 | 5.0 | 35 | 0 | 0 | 3250 | 27.9 |
| AG5301 | 5.3 | 31 | 1 | 0 | 3300 | 26.7 |
| DG3600NRR | 6.0 | 40 | 0 | 0 | 3400 | 26.2 |
| AG4802 | 4.8 | 27 | 1 | 0 | 3250 | 24.5 |
| DG3562NRR | 5.6 | 31 | 0 | 0 | 3200 | 17.6 |

¹Mean Yield = 31.9 Bu/Acre. LSD @ .05 = 4.5 Bu/Acre. C.V. = 8.2 %.

²Planted June 21, 2005 on a 30" row spacing. Harvested all plots on November 3, 2005. No supplemental irrigation used at this location.

³ = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties DynoGro 3535NRR, 38K57, 3600NRR, and 3562NRR are from UAP Southwest DynaGro Seed Co.; Dekalb DKB46-51, Asgrow AG4802, AG4903, AG5301, AG5501, and AG5601 are from Monsanto; 95M50 and 95M81 are from Pioneer Hi-Bred International Inc.

Table 4. Full Season Roundup Ready Soybean Production Lahoma, OK 2005²

| Variety ⁴ | Maturity Group | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| AG4903 | 4.9 | 29 | 0 | 0 | 3250 | 37.9 |
| AG5601 | 5.6 | 26 | 0 | 0 | 4400 | 34.3 |
| DG38K57 | 5.0 | 32 | 0 | 0 | 3950 | 33.7 |
| DG3600NRR | 6.0 | 32 | 0 | 0 | 3250 | 31.3 |
| AG5501 | 5.5 | 25 | 0 | 0 | 3700 | 30.5 |
| 95M50 | 5.0 | 20 | 0 | 0 | 3200 | 30.0 |
| DG3535NRR | 5.3 | 27 | 0 | 0 | 3900 | 28.7 |
| DG3562NRR | 5.6 | 29 | 0 | 0 | 3300 | 28.6 |
| 95M81 | 5.0 | 26 | 0 | 0 | 3900 | 27.9 |
| AG5301 | 5.3 | 27 | 0 | 0 | 3600 | 27.4 |
| DKB46-51 | 5.0 | 28 | 0 | 0 | 3250 | 24.2 |
| AG4802 | 4.8 | 26 | 1 | 0 | 3150 | 24.0 |

¹Mean Yield = 29.9 Bu/Acre. LSD @ .05 = 3.1 Bu/Acre. C.V. = 6.1 %.

²Planted June 7, 2005 on a 30" row spacing. Harvested all plots on November 7, 2005. No supplemental irrigation used at this location.

³ = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties DynoGro 3535NRR, 38K57, 3600NRR, and 3562NRR are from UAP Southwest DynaGro Seed Co.; Dekalb DKB46-51, Asgrow AG4802, AG4903, AG5301, AG5501, and AG5601 are from Monsanto; 95M50 and 95M81 are from Pioneer Hi-Bred International Inc.

Table 5. Full Season Roundup Ready Soybean Production Goodwell, OK 2005^{2***}

| Variety ⁴ | Maturity Group | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|----------------------|----------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| DG3535NRR | 5.3 | | | | | |
| DG38K57 | 5.0 | | | | | |
| DG3600NRR | 6.0 | | | | | |
| DG3562NRR | 5.6 | | | | | |
| DKB46-51 | 5.0 | | | | | |
| AG4802 | 4.8 | | | | | |
| AG4903 | 4.9 | | | | | |
| AG5301 | 5.3 | | | | | |
| AG5501 | 5.5 | | | | | |
| AG5601 | 5.6 | | | | | |
| 95M50 | 5.0 | | | | | |
| 95M81 | 5.0 | | | | | |

¹Mean Yield = Bu/Acre. LSD @ .05 = Bu/Acre. C.V. = %.

²Planted May5, 2005 on a 30" row spacing. Plots were not harvested. Supplemental irrigation used at this location.*** This test was wiped out by Jack rabbits in 2005.***

³ = no shattering or lodging, 5 = very severe shattering or lodging.

⁴Varieties DynoGro 3535NRR, 38K57, 3600NRR, and 3562NRR are from UAP Southwest DynaGro Seed Co.; Dekalb DKB46-51, Asgrow AG4802, AG4903, AG5301, AG5501, and AG5601 are from Monsanto; 95M50 and 95M81 are from Pioneer Hi-Bred International Inc.

Table 1. Full Season Group IV Soybean Production Bixby, OK 2005².

| Variety | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|-----------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| Manokin | 26 | 0 | 0 | 3050 | 38.9 |
| Md92-5769 | 25 | 0 | 0 | 3800 | 38.8 |
| OK039409 | 30 | 0 | 0 | 3050 | 37.0 |
| 5001T | 20 | 0 | 0 | 3800 | 36.3 |
| OK915702 | 24 | 0 | 0 | 3600 | 33.2 |
| KS4694 | 24 | 0 | 0 | 3050 | 31.5 |
| KS4202 | 23 | 0 | 0 | 3100 | 30.5 |
| KS4602N | 22 | 0 | 0 | 3250 | 29.9 |
| LS00-1755 | 23 | 0 | 0 | 4000 | 23.9 |

¹Mean yield = 33.3 Bu/Acre. LSD @ .05 = 3.4 Bu/Acre. C.V. = 5.9 %.

²Planted June 23, 2005 on a 30" row spacing. Harvested all plots on October 13, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 2. Full Season Group IV Soybean Production Haskell, OK 2005².

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| 5001T | 23 | 0 | 0 | 3250 | 53.6 |
| Manokin | 20 | 0 | 0 | 3700 | 48.3 |
| OK039409 | 40 | 0 | 1 | 2750 | 47.5 |
| KS4202 | 29 | 0 | 0 | 2700 | 45.5 |
| KS4602N | 33 | 0 | 0 | 2650 | 44.8 |
| OK915702 | 30 | 0 | 1 | 3850 | 41.9 |
| KS4694 | 28 | 0 | 0 | 3000 | 41.8 |
| Md92-5769 | 23 | 0 | 0 | 3500 | 38.1 |
| LS00-1755 | 23 | 0 | 0 | 3400 | 36.3 |

¹Mean yield = 44.2 Bu/Acre. LSD @ .05 = 4.4 Bu/Acre. C.V. = 5.7 %.

²Planted June 10, 2005 on a 30" row spacing. Harvested all plots on October 3, 2005 except variety 5001T which was harvested on October 18, 2005. No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 3. Full Season Group IV Soybean Production Lahoma, OK 2005².

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| OK039409 | 28 | 0 | 0 | 3350 | 36.0 |
| Manokin | 16 | 1 | 0 | 3800 | 32.4 |
| OK915702 | 23 | 0 | 0 | 3700 | 29.5 |
| 5001T | 25 | 0 | 0 | 3500 | 27.7 |
| KS4202 | 22 | 2 | 0 | 2950 | 25.4 |
| LS00-1755 | 21 | 0 | 0 | 3650 | 25.3 |
| KS4602N | 20 | 1 | 0 | 3200 | 23.9 |
| Md92-5769 | 21 | 0 | 0 | 3800 | 23.8 |
| KS4694 | 23 | 1 | 0 | 3300 | 21.2 |

¹Mean yield = 27.2 Bu/Acre. LSD @ .05 = 3.4 Bu/Acre. C.V. = 7.2 %.

²Planted June 6, 2005 on a 30" row spacing. Harvested all plots on November 7, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 1. Full Season Group V Soybean Production Bixby, OK 2005²

| Variety | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|-------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| OK986108 | 26 | 0 | 0 | 3200 | 37.8 |
| OK995815 | 32 | 0 | 0 | 3900 | 37.8 |
| OK986102 | 26 | 0 | 0 | 3250 | 36.2 |
| S00-9985-03 | 26 | 0 | 0 | 3800 | 35.9 |
| OK986109 | 28 | 0 | 0 | 3650 | 35.2 |
| S00-9970-09 | 21 | 0 | 0 | 3200 | 35.1 |
| OK986113 | 23 | 0 | 0 | 3350 | 32.6 |
| V00-1242 | 25 | 0 | 0 | 4150 | 32.0 |
| 5601T | 24 | 0 | 0 | 3500 | 28.9 |
| Hutcheson | 27 | 0 | 0 | 3550 | 27.7 |

¹Mean yield = 33.9 Bu/Acre. LSD @ .05 = 5.3 Bu/Acre. C.V. = 9.0 %.

²Planted June 23, 2005 on a 30" row spacing. Harvested all plots on November 8, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 2. Full Season Group V Soybean Production Haskell, OK 2005²

| Variety | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|-------------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| S00-9985-03 | 39 | 0 | 0 | 3250 | 54.9 |
| OK986102 | 33 | 0 | 1 | 3700 | 52.7 |
| OK986113 | 33 | 0 | 0 | 3450 | 52.2 |
| 5601T | 27 | 0 | 0 | 3200 | 46.4 |
| S00-9970-09 | 31 | 0 | 0 | 3250 | 40.5 |
| V00-1242 | 33 | 0 | 0 | 3700 | 37.2 |
| Hutcheson | 28 | 0 | 0 | 3700 | 35.9 |
| OK995815 | 43 | 0 | 0 | 4400 | 32.7 |
| OK986109 | 38 | 0 | 1 | 3500 | 32.6 |
| OK986108 | 38 | 0 | 0 | 3450 | 23.1 |

¹Mean yield = 40.8 Bu/Acre. LSD @ .05 = 3.7 Bu/Acre. C.V. = 5.3 %.

²Planted June 10, 2005 on a 30" row spacing. Harvested all plots on October 18, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 3. Full Season Group V Soybean Production Chickasha, OK 2005²

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| OK986113 | 32 | 0 | 0 | 2850 | 54.3 |
| V00-1242 | 28 | 0 | 0 | 3200 | 52.4 |
| OK986102 | 34 | 0 | 0 | 2900 | 50.1 |
| S00-9985-03 | 34 | 0 | 0 | 2550 | 49.7 |
| S00-9970-09 | 24 | 0 | 0 | 2800 | 46.2 |
| Hutcheson | 29 | 0 | 0 | 2900 | 45.9 |
| OK986109 | 31 | 0 | 0 | 2650 | 45.5 |
| 5601T | 29 | 0 | 0 | 3100 | 45.1 |
| OK995815 | 37 | 0 | 0 | 3700 | 43.9 |
| OK986108 | 33 | 0 | 0 | 3100 | 36.8 |

¹Mean yield = 47.0 Bu/Acre. LSD @ .05 = 4.7 Bu/Acre. C.V. = 5.8 %.

²Planted June 21, 2005 on a 30" row spacing. Harvested all plots on November 4, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 4. Full Season Group V Soybean Production Lahoma, OK 2005²

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| OK986108 | 30 | 0 | 0 | 3650 | 35.0 |
| OK986102 | 30 | 0 | 0 | 3300 | 31.3 |
| OK986113 | 23 | 0 | 0 | 3350 | 31.0 |
| S00-9970-09 | 21 | 0 | 0 | 3250 | 28.3 |
| V00-1242 | 26 | 0 | 0 | 3400 | 25.6 |
| 5601T | 21 | 0 | 0 | 3350 | 24.7 |
| S00-9985-03 | 24 | 0 | 0 | 2950 | 22.7 |
| OK986109 | 24 | 0 | 0 | 3600 | 21.1 |
| OK995815 | 34 | 0 | 0 | 4550 | 20.9 |
| Hutcheson | 22 | 0 | 0 | 3400 | 19.3 |

¹Mean yield = 26.0 Bu/Acre. LSD @ .05 = 3.7 Bu/Acre. C.V. = 8.4%.

²Planted June 7, 2005 on a 30" row spacing. Harvested all plots on November 7, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 1. Full Season Group VI Soybean Production Bixby, OK 2005²

| Variety | Height in Inches | Shattering ³ Score | Lodging ³ Score | Seeds/Lb. | Yield in ¹ Bu/Acre |
|-----------|------------------|-------------------------------|----------------------------|-----------|-------------------------------|
| Boggs | 26 | 0 | 0 | 4150 | 40.7 |
| OK926109 | 24 | 0 | 0 | 3450 | 34.9 |
| NC-ROY | 24 | 0 | 0 | 3850 | 34.4 |
| OK935907 | 29 | 0 | 0 | 3500 | 33.8 |
| OK925923 | 30 | 0 | 0 | 4300 | 32.2 |
| Dillon | 26 | 0 | 0 | 3450 | 31.0 |
| Derry | 39 | 1 | 1 | 3250 | 25.2 |
| N01-10974 | 28 | 0 | 0 | 2500 | 24.5 |
| Asmara | 25 | 0 | 0 | 2700 | 19.5 |
| Randolf | 23 | 2 | 0 | 2300 | 9.6 |

¹Mean yield = 28.6 Bu/Acre. LSD @ .05 = 3.3 Bu/Acre. C.V. = 6.8 %.

²Planted June 23, 2005 on a 30" row spacing. Harvested all plots on November 10, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 2. Full Season Group VI Soybean Production Haskell, OK 2005²

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| OK935907 | 37 | 0 | 1 | 3550 | 35.1 |
| NC-ROY | 37 | 0 | 0 | 4250 | 32.3 |
| OK925923 | 37 | 0 | 2 | 4250 | 29.8 |
| Dillon | 37 | 0 | 0 | 3650 | 27.9 |
| Boggs | 33 | 0 | 0 | 3900 | 24.9 |
| OK926109 | 35 | 0 | 1 | 3700 | 24.1 |
| Derry | 42 | 0 | 0 | 3650 | 21.6 |
| N01-10974 | 36 | 0 | 2 | 2800 | 20.4 |
| Asmara | 31 | 0 | 0 | 2900 | 17.8 |
| Randolf | 21 | 1 | 2 | 2350 | 7.7 |

¹Mean yield = 24.2 Bu/Acre. LSD @ .05 = 2.8 Bu/Acre. C.V. = 6.9 %.

²Planted June 10, 2005 on a 30" row spacing. Harvested all plots on October 8, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.

Table 3. Full Season Group VI Soybean Production Chickasha, OK 2005²

| Variety | Height in Inches | Shattering³ Score | Lodging³ Score | Seeds/Lb. | Yield in¹ Bu/Acre |
|----------------|-------------------------|-------------------------------------|----------------------------------|------------------|-------------------------------------|
| OK925923 | 37 | 0 | 0 | 3550 | 49.6 |
| Boggs | 38 | 0 | 0 | 3200 | 43.6 |
| NC-ROY | 38 | 0 | 0 | 3350 | 42.9 |
| OK935907 | 33 | 0 | 0 | 2850 | 36.8 |
| OK926109 | 31 | 0 | 0 | 2850 | 36.4 |
| Dillon | 35 | 0 | 0 | 3000 | 33.5 |
| N01-10974 | 34 | 0 | 0 | 2450 | 29.4 |
| Derry | 47 | 1 | 0 | 3350 | 24.1 |
| Asmara | 29 | 0 | 0 | 2600 | 17.4 |
| Randolf | 26 | 2 | 0 | 2100 | 15.4 |

¹Mean yield = 32.9 Bu/Acre. LSD @ .05 = 3.3 Bu/Acre. C.V. = 5.8 %.

²Planted June 21, 2005 on a 30" row spacing. Harvested all plots on November 4, 2005.

No supplemental irrigation used at this location.

³0 = no shattering or lodging, 5 = very severe shattering or lodging.