

2011 Louisiana Soybean Performance Trials

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**Table 1. Performance of Maturity Group III
Soybean Varieties Across 4 Locations in 2011.**

| Entry No. | Entry Name | 4-Loc Avg Yld | DLRS Yield | MRRS Yield | RRS Yield | NERS Yield |
|-----------------|-------------------|---------------|------------|------------|-----------|------------|
| 30 | S44-D5 Brand | 52 | 57 | 52 | 37 | 62 |
| 141 | Progeny 4211 | 48 | 57 | 33 | 33 | 68 |
| 139 | Rev® 44R22TM | 45 | 36 | 50 | 29 | 66 |
| 7 | Delta Grow 4460RR | 44 | 51 | 25 | 35 | 67 |
| 31 | S42-T4 Brand | 43 | 51 | 36 | 26 | 58 |
| 18 | Pioneer 93Y92 | 42 | 38 | 42 | 35 | 55 |
| 95 | Progeny 3911RY | 31 | 31 | 16 | 18 | 61 |
| Variety Average | | 44 | 46 | 36 | 30 | 62 |

**Table 2. Performance of Maturity Group
IV Soybean Varieties Across 4 Locations in 2011.**

| Entry No. | Entry Name | 4-Loc Avg Yld | DLRS Yield | MRRS Yield | RRS Yield | NERS Yield |
|-----------|---------------------|---------------|------------|------------|-----------|------------|
| 9 | S08-14087 RR | 52 | 76 | 35 | 31 | 68 |
| 98 | Progeny 4750RR | 52 | 60 | 51 | 29 | 66 |
| 146 | Rev® 49R43TM | 50 | 58 | 49 | 31 | 64 |
| 12 | Pioneer 94Y70 | 50 | 53 | 56 | 33 | 59 |
| 88 | Morsoy Xtra 46X71 | 50 | 60 | 37 | 32 | 72 |
| 143 | Armor X1210 | 49 | 55 | 57 | 30 | 54 |
| 155 | Rev® 48R21TM | 49 | 57 | 52 | 25 | 61 |
| 1 | Delta Grow 4880RR | 49 | 59 | 45 | 29 | 62 |
| 13 | Pioneer 94Y80 | 49 | 51 | 38 | 42 | 64 |
| 11 | Pioneer 94Y50 | 49 | 54 | 49 | 29 | 62 |
| 58 | Schillinger 457.RCP | 48 | 54 | 54 | 24 | 61 |
| 133 | Rev® 47R53TM | 48 | 55 | 32 | 34 | 71 |
| 134 | Rev® 46R73TM | 48 | 40 | 52 | 33 | 66 |
| 103 | Progeny 4710RY | 47 | 65 | 37 | 24 | 64 |
| 132 | Rev® 49R22TM | 47 | 48 | 52 | 27 | 63 |
| 129 | Rev® 49R11TM | 47 | 63 | 42 | 20 | 63 |
| 86 | Dyna-Gro 31RY45 | 47 | 59 | 27 | 33 | 70 |
| 102 | Progeny 4611RY | 47 | 55 | 31 | 35 | 66 |
| 156 | Rev® 49R10TM | 47 | 59 | 39 | 28 | 60 |
| 40 | Morsoy 4707 | 47 | 55 | 50 | 22 | 60 |
| 54 | Pioneer 94Y82 | 47 | 47 | 35 | 36 | 69 |
| 135 | Rev® 48R10TM | 46 | 50 | 52 | 25 | 59 |
| 38 | HBK R4729 | 46 | 53 | 49 | 21 | 62 |
| 96 | Progeny 4911Ry | 46 | 59 | 41 | 30 | 55 |
| 24 | AG4832 | 46 | 55 | 26 | 36 | 67 |
| 99 | Progeny 4807RR | 46 | 47 | 49 | 24 | 64 |
| 101 | Progeny 4510RY | 46 | 50 | 34 | 32 | 67 |
| 131 | Rev® 48R33TM | 46 | 49 | 52 | 28 | 53 |
| 100 | Progeny 4906RR | 46 | 48 | 35 | 34 | 65 |
| 125 | Rev® 48R22 | 45 | 51 | 50 | 24 | 55 |
| 147 | Dyna-Gro 33G48 | 45 | 54 | 43 | 28 | 57 |
| 42 | Morsoy Xtra 46X29 | 45 | 44 | 38 | 29 | 68 |
| 104 | Progeny 4811RY | 45 | 53 | 26 | 33 | 65 |
| 37 | HBK R4829 | 44 | 50 | 51 | 20 | 55 |
| 51 | USG 74E88 | 44 | 51 | 49 | 22 | 54 |
| 94 | Delta Grow 4670 R2Y | 44 | 48 | 25 | 33 | 69 |
| 85 | Dyna-Gro 37RY47 | 43 | 58 | 32 | 26 | 58 |
| 159 | Miami 949LL | 43 | 58 | 28 | 30 | 58 |
| 77 | HBK RY4721 | 43 | 52 | 27 | 27 | 66 |
| 8 | Delta Grow 4770RR | 43 | 47 | 39 | 26 | 60 |
| 97 | Progeny 4928LL | 43 | 63 | 24 | 29 | 56 |
| 10 | S08-17361 | 43 | 57 | 28 | 28 | 60 |
| 32 | S49-H7 Brand | 43 | 48 | 46 | 22 | 55 |

| | | | | | | |
|-----------------|---------------------|----|----|----|----|----|
| 122 | Delta Grow 4875R2Y | 42 | 57 | 21 | 31 | 61 |
| 3 | Delta Grow 4975RR | 42 | 48 | 35 | 25 | 62 |
| 142 | Armor X1208 | 42 | 50 | 27 | 34 | 60 |
| 72 | GoSoy 4810 LL | 42 | 53 | 34 | 29 | 55 |
| 25 | AG4932 | 42 | 48 | 30 | 30 | 61 |
| 60 | Schillinger 495.RC | 42 | 49 | 32 | 27 | 60 |
| 2 | Delta Grow 4970RR | 41 | 50 | 33 | 27 | 56 |
| 145 | Armor DK 4744 | 41 | 46 | 30 | 26 | 63 |
| 59 | Schillinger 458.RCS | 41 | 53 | 24 | 22 | 66 |
| 123 | S46-A1 Brand | 40 | 46 | 34 | 25 | 57 |
| 21 | UA 4910 | 40 | 49 | 39 | 26 | 46 |
| 41 | Morsoy Xtra 48X00 | 40 | 49 | 28 | 19 | 63 |
| 75 | HALO 4:94 | 40 | 51 | 24 | 27 | 57 |
| 84 | Dyna-Gro 33RY47 | 40 | 48 | 18 | 32 | 62 |
| 36 | HBK R4924 | 39 | 42 | 33 | 23 | 59 |
| 144 | Armor X1211 | 39 | 53 | 28 | 22 | 54 |
| 39 | Morsoy Xtra 47X31 | 39 | 46 | 23 | 30 | 57 |
| 71 | Schillinger 478.RCS | 38 | 53 | 27 | 15 | 58 |
| 74 | HALO 4:75 | 38 | 37 | 29 | 28 | 57 |
| 73 | HALO 4:65 | 38 | 35 | 30 | 28 | 59 |
| 138 | Rev® 45R10TM | 38 | 38 | 28 | 27 | 59 |
| 140 | Rev® 47R22TM | 38 | 45 | 19 | 33 | 54 |
| 70 | Schillinger 4990.RC | 37 | 41 | 28 | 19 | 59 |
| 124 | Delta Grow 4861LL | 36 | 45 | 26 | 25 | 50 |
| 76 | HBK R4830 | 31 | 36 | 24 | 11 | 53 |
| Variety Average | | 44 | 51 | 36 | 28 | 60 |

Table 3. Performance of Maturity Group V Soybean Varieties Across 4 Locations in 2011.

| Entry No. | Entry Name | 4-Loc Avg Yld | DLRS Yield | MRRS Yield | RRS Yield | NERS Yield |
|-----------|-----------------------|---------------|------------|------------|-----------|------------|
| 137 | Rev® 56R63TM | 48 | 65 | 41 | 32 | 54 |
| 110 | Progeny 5711RY | 47 | 61 | 46 | 29 | 53 |
| 56 | Delta Grow 5625R2Y | 47 | 69 | 44 | 22 | 53 |
| 121 | Delta Grow 5110R2Y EX | 46 | 65 | 44 | 28 | 49 |
| 136 | Rev® 51R53TM | 46 | 51 | 33 | 35 | 64 |
| 91 | Dyna-Gro 39RY57 | 46 | 65 | 44 | 23 | 50 |
| 105 | Progeny 5111RY | 45 | 58 | 52 | 24 | 48 |
| 87 | Dyna-Gro 32RY55 | 45 | 60 | 45 | 19 | 56 |
| 67 | AGS 597 RR | 44 | 63 | 38 | 29 | 48 |
| 50 | USG 75Z98 | 44 | 57 | 47 | 24 | 49 |
| 116 | Progeny 5960LL | 44 | 54 | 43 | 33 | 48 |
| 27 | AG5332 | 44 | 62 | 29 | 29 | 57 |
| 109 | Progeny 5610RY | 44 | 54 | 44 | 25 | 52 |
| 26 | AG5232 | 43 | 56 | 49 | 15 | 55 |
| 92 | GoSoy 5911 LL | 43 | 53 | 43 | 29 | 49 |
| 108 | Progeny 5655RY | 43 | 60 | 38 | 24 | 50 |
| 63 | AGS 5911 LL | 43 | 60 | 39 | 27 | 47 |
| 14 | Pioneer 95Y01 | 43 | 48 | 33 | 34 | 57 |
| 17 | Pioneer 95Y70 | 43 | 61 | 31 | 30 | 48 |
| 20 | Osage | 43 | 44 | 42 | 29 | 56 |
| 52 | Pioneer 95Y10 | 42 | 52 | 24 | 34 | 60 |
| 118 | USG 75J90R | 42 | 56 | 43 | 20 | 51 |
| 48 | Morsoy 5429 | 42 | 59 | 41 | 22 | 48 |
| 90 | Morsoy Xtra 53X51 | 42 | 56 | 41 | 23 | 48 |
| 55 | Delta Grow 5555RR | 42 | 60 | 34 | 26 | 48 |
| 33 | S54-V4 Brand | 42 | 50 | 41 | 24 | 53 |
| 47 | Morsoy 5168 | 42 | 56 | 26 | 31 | 54 |
| 80 | HBK RY5121 | 42 | 63 | 37 | 14 | 54 |
| 113 | Progeny 5330RR | 42 | 54 | 35 | 21 | 57 |
| 16 | Pioneer 95Y31 | 42 | 47 | 38 | 23 | 59 |
| 152 | Armor 55-R22 | 41 | 57 | 39 | 19 | 51 |
| 45 | HBK R5226 | 41 | 54 | 35 | 29 | 48 |
| 46 | Delta Grow 5545RR | 41 | 59 | 30 | 25 | 51 |
| 93 | Delta Grow 5565R2Y | 41 | 52 | 37 | 22 | 53 |
| 34 | S57-K3 Brand | 41 | 59 | 38 | 23 | 45 |
| 161 | Dyna-Gro 35F55 | 41 | 55 | 30 | 28 | 52 |
| 120 | Delta Grow 5656R2Y EX | 41 | 55 | 40 | 18 | 51 |
| 127 | Dyna-Gro 35P53 | 41 | 58 | 29 | 22 | 54 |
| 65 | AGS 554 RR | 40 | 55 | 29 | 26 | 51 |
| 81 | HBK RY5220 | 40 | 48 | 41 | 22 | 50 |
| 79 | HALO 5:65 | 40 | 52 | 33 | 27 | 49 |
| 29 | AG5831 | 40 | 48 | 40 | 20 | 51 |
| 117 | USG 75Z38 | 40 | 48 | 35 | 28 | 48 |

| | | | | | | |
|------------------------|-----------------------|-----------|-----------|-----------|-----------|-----------|
| 119 | Delta Grow 5252R2Y EX | 40 | 54 | 39 | 17 | 49 |
| 106 | Progeny 5210RY | 40 | 54 | 30 | 20 | 54 |
| 111 | Progeny 5811RY | 40 | 62 | 21 | 21 | 54 |
| 89 | Morsoy Xtra 51X11 | 40 | 55 | 37 | 20 | 46 |
| 43 | HBK R5525 | 39 | 57 | 36 | 19 | 44 |
| 126 | Rev® 57R21TM | 39 | 54 | 35 | 18 | 49 |
| 53 | Pioneer 95Y50 | 39 | 46 | 42 | 12 | 55 |
| 158 | Whitney 1154LL | 38 | 55 | 26 | 28 | 44 |
| 107 | Progeny 5321RY | 38 | 52 | 30 | 29 | 43 |
| 66 | AGS 568 RR | 38 | 54 | 35 | 18 | 47 |
| 83 | HBK RY5521 | 38 | 61 | 23 | 14 | 54 |
| 115 | Progeny 5460LL | 38 | 54 | 21 | 28 | 49 |
| 154 | Armor 53-R15 | 38 | 57 | 25 | 18 | 52 |
| 57 | Delta Grow 5461LL | 38 | 55 | 25 | 26 | 45 |
| 78 | HALO 5:25 | 38 | 55 | 23 | 23 | 50 |
| 15 | Pioneer 95Y20 | 38 | 49 | 31 | 22 | 49 |
| 6 | Delta Grow 5280RR | 37 | 47 | 31 | 18 | 54 |
| 19 | Ozark | 37 | 53 | 32 | 18 | 46 |
| 114 | Progeny 5261LL | 37 | 50 | 28 | 26 | 45 |
| 148 | Armor X1213 | 37 | 54 | 24 | 22 | 48 |
| 69 | AGS 6011 LL | 37 | 53 | 31 | 18 | 47 |
| 157 | Delta Grow 5275R2Y | 37 | 55 | 20 | 24 | 49 |
| 62 | GoSoy 5111 LL | 37 | 65 | 21 | 15 | 47 |
| 49 | AG5832 | 37 | 50 | 27 | 27 | 42 |
| 28 | AG5632 | 36 | 58 | 16 | 18 | 54 |
| 160 | Dyna-Gro 37RY52 | 36 | 50 | 20 | 17 | 58 |
| 4 | Delta Grow 5160RR | 36 | 46 | 22 | 27 | 49 |
| 61 | Schillinger 557.RC | 36 | 58 | 20 | 18 | 47 |
| 150 | Armor X1216 | 36 | 53 | 24 | 14 | 53 |
| 64 | GoSoy 6111 LL | 36 | 38 | 42 | 15 | 47 |
| 151 | Armor X1217 | 35 | 51 | 26 | 17 | 48 |
| 153 | Armor DK 5363 | 35 | 50 | 12 | 29 | 50 |
| 44 | HBK R5529 | 35 | 56 | 11 | 19 | 55 |
| 82 | HBK RY5421 | 35 | 53 | 28 | 13 | 47 |
| 68 | Shillinger 5220.RC | 35 | 45 | 26 | 20 | 48 |
| 35 | S56-G6 Brand | 34 | 53 | 30 | 11 | 43 |
| 112 | Progeny 5160LL | 33 | 51 | 12 | 23 | 46 |
| 128 | USG ALLEN RR | 32 | 50 | 11 | 25 | 42 |
| 149 | Armor X1215 | 30 | 29 | 28 | 18 | 45 |
| 5 | Delta Grow 5300RR | 27 | 40 | 12 | 9 | 50 |
| Variety Average | | 40 | 54 | 32 | 23 | 50 |

| Dean Lee Research Station | | | | |
|----------------------------------|---|-------|-----------------------------------|--------------|
| Maturity Group III and Early IV | | | | |
| Agronomic and Cultural Practices | | | | |
| Maturity Group: | MG III and MG Early IV | | | |
| Location: | Dean Lee Research Station, Alexandria, LA | | | |
| Irrigated (yes or no): | No | | | |
| Irrigation Type: | N/A | | | |
| Tillage System: | Fall-Stale | | | |
| Soil pH: | 7.8 | | | |
| Organic Matter (%): | <2% | | | |
| Soil Texture: | Coushatta silt loam | | | |
| Row Spacing (inches): | 38 | | | |
| Plot Length (feet): | 25 | | | |
| Planting Date: | 21-Apr | | | |
| Harvest Date: | 23-Aug | | | |
| Seeding Rate (sd/A): | 130,000 | | | |
| Fertilizer Applied 1: | 200# of 0-18-36, fall-applied | | | |
| Foliar Insecticide 1: | Belt | Rate: | 3 oz/A | Date: 8-Aug |
| Foliar Insecticide 2: | Bracket 97 | Rate: | 1 lb/A | Date: 12-Aug |
| Foliar Insecticide 3: | Orthene 90 | Rate: | 0.75 lb/A | Date: 18-Aug |
| Pre Emerge Herb 1: | Charger Max | Rate: | 1.2 pt/A | Date: 23-May |
| Post Herb 1: | Reflex /Charger Max /Basagran | Rate: | 1.25 pt/A, 1.2 pt/A, 1 qt/A | Date: 11-May |
| Post Herb 2: | Section | Rate: | 10 oz/A | Date: 23-May |
| Post Herb 3: | Reflex** /Section | Rate: | 1.25 pt/A, 10 oz/A | Date: 29-Jun |
| Harvest Aid | Gramoxone | Rate: | 16 oz/A | Date: 12-Aug |

**Applied with post-directed layby rig

| D | | | | |
|------------------------|--|--|--|--|
| Maturity Group: | | | | |
| Location: | | | | |
| Irrigated (yes or no): | | | | |
| Irrigation Type: | | | | |
| Tillage System: | | | | |
| Soil pH: | | | | |
| Organic Matter (%): | | | | |
| Soil Texture: | | | | |
| Row Spacing (inches): | | | | |
| Plot Length (feet): | | | | |
| Planting Date: | | | | |
| Harvest Date: | | | | |
| Seeding Rate (sd/A): | | | | |
| Fertilizer Applied 1: | | | | |
| Foliar Insecticide 1: | | | | |
| Foliar Insecticide 2: | | | | |
| Foliar Insecticide 3: | | | | |
| Pre Emerge Herb 1: | | | | |
| Post Herb 1: | | | | |
| Post Herb 2: | | | | |
| Post Herb 3: | | | | |
| Harvest Aid | | | | |

Dean Lee Research Station
Maturity Group IV
Agronomic and Cultural Practices

| | | | |
|---|-------|-----------------------------|--------------|
| MG IV | | | |
| Dean Lee Research Station, Alexandria, LA | | | |
| No | | | |
| N/A | | | |
| Fall-State | | | |
| 7.8 | | | |
| <2% | | | |
| Coushatta silt loam | | | |
| 38 | | | |
| 25 | | | |
| 21-Apr | | | |
| 16-Sep | | | |
| 130,000 | | | |
| 200# of 0-18-36, fall-applied | | | |
| Belt | Rate: | 3 oz/A | Date: 8-Aug |
| Bracket 97 | Rate: | 1 lb/A | Date: 12-Aug |
| Orthene 90 | Rate: | 0.75 lb/A | Date: 18-Aug |
| Charger Max | Rate: | 1.2pt/A | Date: 11-May |
| Reflex /Charger Max /Basagran | Rate: | 1.25 pt/A, 1.2 pt/A, 1 qt/A | Date: 11-May |
| Section | Rate: | 10 oz/A | Date: 23-May |
| Reflex** /Section | Rate: | 1.25 pt/A, 10 oz/A | Date: 29-Jun |
| Gramoxone | Rate: | 16 oz/A | Date: 9-Sep |

**Applied with post-directed layby rig

| |
|---|
| Dean Lee Research Station |
| Agronomic and Cultural Practices |
| Maturity Group: |
| Location: |
| Irrigated (yes or no): |
| Irrigation Type: |
| Tillage System: |
| Soil pH: |
| Organic Matter (%): |
| Soil Texture: |
| Row Spacing (inches): |
| Plot Length (feet): |
| Planting Date: |
| Harvest Date: |
| Seeding Rate (sd/A): |
| Fertilizer Applied 1: |
| Foliar Insecticide 1: |
| Foliar Insecticide 2: |
| Foliar Insecticide 3: |
| Pre Emerge Herb 1: |
| Post Herb 1: |
| Post Herb 2: |
| Post Herb 3: |
| Harvest Aid: |

Dean Lee Research Station

Maturity Group V

Economic and Cultural Practices

| | | | | |
|---|-------|-----------------------------------|-------|--------|
| MG V | | | | |
| Dean Lee Research Station, Alexandria, LA | | | | |
| No | | | | |
| N/A | | | | |
| Fall-State | | | | |
| 7.8 | | | | |
| <2% | | | | |
| Coushatta silt loam | | | | |
| 38 | | | | |
| 25 | | | | |
| 21-Apr | | | | |
| 9/23-9/26 | | | | |
| 130,000 | | | | |
| 200# of 0-18-36, fall-applied | | | | |
| Belt | Rate: | 3 oz/A | Date: | 18-Aug |
| Bracket 97 | Rate: | 1 lb/A | Date: | 12-Aug |
| Orthene 90 | Rate: | 0.75 lb/A | Date: | 18-Aug |
| Charger Max | Rate: | 1.2 pt/A | Date: | 11-May |
| Reflex /Charger Max /Basagran | Rate: | 1.25 pt/A, 1.2 pt/A, 1 qt/A | Date: | 11-May |
| Section | Rate: | 10 oz/A | Date: | 23-May |
| Reflex** /Section | Rate: | 1.25 pt/A, 10 oz/A | Date: | 29-Jun |
| Gramoxone | Rate: | 16 oz/A | Date: | 12-Sep |

**Applied with post-directed layby rig

Table 4. Performance of Maturity Group III Soybean Varieties at the Dean Lee Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | Plant Height ^b | Lodging ^c | Iron Deficiency ^d | CB ^e 8/5/2011 |
|-------------|--------------------------|--------------------|------------------|---------------------------|----------------------|------------------------------|--------------------------|
| | | Yield ^a | Avg ^a | | | | |
| 141 | Progeny 4211 | 57 | / | 28 | 2 | 3.0 | 2.7 |
| 30 | S44-D5 Brand | 57 | 46 | 33 | 2 | 3.3 | 1.0 |
| 31 | S42-T4 Brand | 51 | / | 30 | 2 | 2.7 | 4.3 |
| 7 | Delta Grow 4460RR | 51 | / | 31 | 2 | 4.3 | 2.3 |
| 18 | Pioneer 93Y92 | 38 | 37 | 24 | 1 | 3.3 | 4.7 |
| 139 | Rev [®] 44R22TM | 36 | 37 | 26 | 2 | 4.3 | 3.3 |
| 95 | Progeny 3911RY | 31 | / | 24 | 1 | 4.0 | 5.0 |
| LSD (P=.05) | | 14.6 | | 7.8 | 0.4 | 1.6 | 1.3 |
| CV% | | 17.7 | | 15.7 | 15.0 | 25.1 | 22.4 |
| Grand Mean | | 45.9 | | 28.0 | 1.6 | 3.6 | 3.3 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Plant height in inches at R8 growth stage
- c) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- d) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- e) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Table 5. Performance of Maturity Group IV Soybean Varieties at the Dean Lee Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | | Plant | | Iron | CB ^f |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|-------------------------|-----------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d | Deficiency ^e | 8/22/11 |
| 9 | S08-14087 RR | 76 | / | 120 | 29 | 1.8 | 2.3 | 3.5 |
| 103 | Progeny 4710RY | 65 | 60 | 121 | 28 | 1.5 | 3.3 | 4.0 |
| 129 | Rev [®] 49R11TM | 63 | / | 118 | 30 | 1.8 | 5.7 | 6.5 |
| 97 | Progeny 4928LL | 63 | 60 | 125 | 35 | 2.5 | 4.7 | 2.0 |
| 98 | Progeny 4750RR | 60 | 58 | 121 | 31 | 2.5 | 4.0 | 3.0 |
| 88 | Morsoy Xtra 46X71 | 60 | / | 120 | 33 | 2.3 | 2.3 | 3.0 |
| 156 | Rev [®] 49R10TM | 59 | 54 | 122 | 36 | 2.8 | 2.7 | 4.5 |
| 1 | Delta Grow 4880RR | 59 | 55 | 122 | 32 | 1.8 | 4.0 | 4.0 |
| 86 | Dyna-Gro 31RY45 | 59 | / | 120 | 31 | 1.0 | 2.7 | 5.5 |
| 96 | Progeny 4911Ry | 59 | / | 127 | 36 | 3.8 | 4.7 | 2.5 |
| 146 | Rev [®] 49R43TM | 58 | / | 120 | 28 | 1.5 | 3.7 | 5.5 |
| 85 | Dyna-Gro 37RY47 | 58 | / | 124 | 29 | 2.5 | 2.3 | 2.5 |
| 159 | Miami 949LL | 58 | / | 121 | 32 | 1.8 | 3.0 | 2.5 |
| 122 | Delta Grow 4875R2Y | 57 | / | 118 | 34 | 1.5 | 4.3 | 4.5 |
| 155 | Rev [®] 48R21TM | 57 | 57 | 126 | 29 | 2.5 | 3.7 | 3.5 |
| 10 | S08-17361 | 57 | / | 122 | 33 | 1.3 | 1.0 | 3.0 |
| 143 | Armor X1210 | 55 | / | 123 | 30 | 2.3 | 3.3 | 4.0 |
| 24 | AG4832 | 55 | / | 123 | 36 | 1.5 | 3.7 | 4.0 |
| 40 | Morsoy 4707 | 55 | / | 126 | 31 | 1.5 | 4.7 | 4.0 |
| 133 | Rev [®] 47R53TM | 55 | / | 120 | 29 | 2.5 | 5.3 | 5.5 |
| 102 | Progeny 4611RY | 55 | / | 121 | 29 | 1.3 | 2.7 | 3.5 |
| 11 | Pioneer 94Y50 | 54 | / | 119 | 30 | 2.3 | 4.0 | 6.5 |
| 58 | Schillinger 457.RCP | 54 | 50 | 119 | 31 | 2.8 | 2.7 | 7.5 |
| 147 | Dyna-Gro 33G48 | 54 | 52 | 123 | 32 | 1.3 | 6.7 | 4.0 |
| 38 | HBK R4729 | 53 | 52 | 123 | 29 | 1.5 | 4.7 | 3.5 |
| 12 | Pioneer 94Y70 | 53 | 52 | 120 | 25 | 1.8 | 5.3 | 5.5 |
| 104 | Progeny 4811RY | 53 | / | 118 | 32 | 1.8 | 4.0 | 5.0 |
| 71 | Schillinger 478.RCS | 53 | 56 | 129 | 31 | 2.3 | 6.3 | 2.5 |
| 59 | Schillinger 458.RCS | 53 | 52 | 119 | 29 | 1.5 | 2.3 | 6.0 |
| 72 | GoSoy 4810 LL | 53 | / | 124 | 33 | 1.8 | 4.7 | 3.0 |
| 144 | Armor X1211 | 53 | 52 | 126 | 28 | 2.5 | 3.0 | 3.0 |
| 77 | HBK RY4721 | 52 | / | 120 | 33 | 1.8 | 2.7 | 4.0 |
| 75 | HALO 4:94 | 51 | 54 | 127 | 36 | 1.3 | 5.0 | 3.0 |
| 51 | USG 74E88 | 51 | / | 116 | 33 | 1.8 | 6.3 | 6.5 |
| 125 | Rev [®] 48R22 | 51 | 49 | 118 | 30 | 2.0 | 7.3 | 4.5 |
| 13 | Pioneer 94Y80 | 51 | 53 | 121 | 30 | 2.0 | 4.7 | 4.5 |
| 37 | HBK R4829 | 50 | 52 | 124 | 32 | 2.5 | 5.3 | 4.0 |
| 101 | Progeny 4510RY | 50 | 53 | 122 | 28 | 1.5 | 2.3 | 4.5 |
| 142 | Armor X1208 | 50 | / | 121 | 34 | 1.0 | 2.0 | 5.5 |
| 135 | Rev [®] 48R10TM | 50 | 47 | 121 | 30 | 1.3 | 4.3 | 4.5 |
| 2 | Delta Grow 4970RR | 50 | 50 | 122 | 33 | 2.3 | 5.0 | 3.0 |
| 41 | Morsoy Xtra 48X00 | 49 | 52 | 120 | 27 | 1.5 | 4.7 | 3.5 |
| 131 | Rev [®] 48R33TM | 49 | / | 121 | 30 | 2.0 | 4.3 | 5.5 |
| 21 | UA 4910 | 49 | 51 | 122 | 33 | 1.5 | 6.3 | 2.5 |
| 60 | Schillinger 495.RC | 49 | 48 | 126 | 31 | 2.8 | 7.0 | 2.0 |

| | | | | | | | | |
|-------------|---------------------|------|----|-------|------|------|------|------|
| 25 | AG4932 | 48 | / | 128 | 33 | 1.5 | 3.7 | 2.5 |
| 3 | Delta Grow 4975RR | 48 | 50 | 124 | 35 | 2.0 | 4.7 | 3.5 |
| 32 | S49-H7 Brand | 48 | 53 | 123 | 32 | 2.0 | 4.7 | 2.5 |
| 94 | Delta Grow 4670 R2Y | 48 | / | 121 | 26 | 2.3 | 2.3 | 5.5 |
| 100 | Progeny 4906RR | 48 | 50 | 123 | 31 | 2.0 | 2.7 | 3.0 |
| 84 | Dyna-Gro 33RY47 | 48 | / | 119 | 29 | 1.3 | 2.0 | 3.0 |
| 132 | Rev® 49R22TM | 48 | 51 | 123 | 34 | 4.0 | 6.0 | 3.0 |
| 8 | Delta Grow 4770RR | 47 | 50 | 116 | 30 | 1.3 | 3.3 | 7.5 |
| 99 | Progeny 4807RR | 47 | 47 | 119 | 30 | 2.0 | 4.3 | 5.0 |
| 54 | Pioneer 94Y82 | 47 | / | 121 | 32 | 2.0 | 2.3 | 6.5 |
| 123 | S46-A1 Brand | 46 | / | 122 | 27 | 1.5 | 4.0 | 5.0 |
| 145 | Armor DK 4744 | 46 | 47 | 127 | 28 | 1.5 | 5.7 | 2.5 |
| 39 | Morsoy Xtra 47X31 | 46 | / | 123 | 35 | 1.3 | 3.7 | 4.0 |
| 124 | Delta Grow 4861LL | 45 | 47 | 121 | 34 | 1.0 | 3.0 | 4.5 |
| 140 | Rev® 47R22TM | 45 | 47 | 122 | 31 | 1.3 | 4.0 | 5.5 |
| 42 | Morsoy Xtra 46X29 | 44 | 50 | 128 | 28 | 1.8 | 4.0 | 2.0 |
| 36 | HBK R4924 | 42 | 49 | 121 | 36 | 2.8 | 7.3 | 2.5 |
| 70 | Schillinger 4990.RC | 41 | 47 | 128 | 30 | 2.3 | 7.0 | 3.0 |
| 134 | Rev® 46R73TM | 40 | / | 119 | 29 | 1.5 | 4.3 | 6.5 |
| 138 | Rev® 45R10TM | 38 | / | 116 | 36 | 1.8 | 3.7 | 6.6 |
| 74 | HALO 4:75 | 37 | / | 116 | 37 | 1.5 | 2.3 | 6.6 |
| 76 | HBK R4830 | 36 | / | 123 | 34 | 1.5 | 6.7 | 3.5 |
| 73 | HALO 4:65 | 35 | 52 | 118 | 28 | 1.3 | 5.0 | 6.5 |
| LSD (P=.05) | | 12.6 | | 5.7 | 6.5 | 1.4 | 2.4 | 1.8 |
| CV% | | 15.2 | | 2.3 | 10.4 | 36.4 | 35.7 | 21.4 |
| Grand Mean | | 51.4 | | 121.5 | 31.0 | 1.9 | 4.1 | 4.2 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- f) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Table 6. Performance of Maturity Group V Soybean Varieties at the Dean Lee Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | Maturity ^b | Plant | | Iron Deficiency ^e | CB ^f 8/22/11 |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|------------------------------|----------------------------|
| | | Yield ^a | Avg ^a | | Height ^c | Lodging ^d | | |
| 56 | Delta Grow 5625R2Y | 69 | / | 141 | 21 | 1.5 | 3.0 | 4.0 |
| 62 | GoSoy 5111 LL | 65 | / | 133 | 21 | 1.5 | 1.7 | 5.0 |
| 91 | Dyna-Gro 39RY57 | 65 | / | 146 | 22 | 1.0 | 3.0 | 3.0 |
| 121 | Delta Grow 5110R2Y EX | 65 | / | 130 | 42 | 2.5 | 3.7 | 4.0 |
| 137 | Rev [®] 56R63TM | 65 | / | 140 | 24 | 1.5 | 2.7 | 4.0 |
| 67 | AGS 597 RR | 63 | 64 | 147 | 23 | 1.3 | 3.7 | 4.0 |
| 80 | HBK RY5121 | 63 | / | 132 | 23 | 1.5 | 4.3 | 5.0 |
| 111 | Progeny 5811RY | 62 | / | 133 | 24 | 1.3 | 3.7 | 5.0 |
| 27 | AG5332 | 62 | / | 131 | 28 | 2.3 | 2.7 | 5.0 |
| 17 | Pioneer 95Y70 | 61 | 59 | 146 | 28 | 1.5 | 3.0 | 3.0 |
| 110 | Progeny 5711RY | 61 | / | 139 | 23 | 1.5 | 2.3 | 3.0 |
| 83 | HBK RY5521 | 61 | / | 134 | 27 | 1.5 | 4.7 | 4.0 |
| 87 | Dyna-Gro 32RY55 | 60 | / | 135 | 24 | 1.5 | 3.3 | 5.0 |
| 108 | Progeny 5655RY | 60 | / | 136 | 22 | 1.5 | 4.7 | 4.0 |
| 55 | Delta Grow 5555RR | 60 | 60 | 136 | 23 | 1.5 | 3.7 | 4.0 |
| 63 | AGS 5911 LL | 60 | / | 146 | 22 | 1.3 | 3.3 | 4.0 |
| 48 | Morsoy 5429 | 59 | 61 | 137 | 26 | 1.8 | 3.0 | 4.0 |
| 46 | Delta Grow 5545RR | 59 | / | 144 | 23 | 1.8 | 3.0 | 3.0 |
| 34 | S57-K3 Brand | 59 | 56 | 147 | 22 | 1.5 | 3.3 | 3.0 |
| 61 | Schillinger 557.RC | 58 | 57 | 140 | 24 | 1.5 | 4.7 | 4.0 |
| 127 | Dyna-Gro 35P53 | 58 | 60 | 132 | 27 | 2.3 | 3.7 | 5.0 |
| 28 | AG5632 | 58 | / | 144 | 19 | 1.0 | 6.3 | 4.0 |
| 105 | Progeny 5111RY | 58 | / | 130 | 24 | 1.3 | 2.7 | 8.0 |
| 50 | USG 75Z98 | 57 | / | 139 | 23 | 1.5 | 3.0 | 6.0 |
| 154 | Armor 53-R15 | 57 | 59 | 132 | 19 | 1.5 | 3.0 | 5.0 |
| 152 | Armor 55-R22 | 57 | / | 136 | 24 | 1.5 | 3.0 | 4.0 |
| 43 | HBK R5525 | 57 | 57 | 140 | 19 | 1.3 | 3.3 | 3.0 |
| 44 | HBK R5529 | 56 | 54 | 139 | 21 | 1.5 | 3.3 | 3.0 |
| 90 | Morsoy Xtra 53X51 | 56 | / | 132 | 25 | 2.0 | 2.3 | 4.0 |
| 118 | USG 75J90R | 56 | / | 131 | 23 | 1.3 | 3.7 | 5.0 |
| 26 | AG5232 | 56 | / | 132 | 21 | 1.5 | 4.3 | 4.0 |
| 47 | Morsoy 5168 | 56 | 57 | 136 | 36 | 2.8 | 4.7 | 3.0 |
| 157 | Delta Grow 5275R2Y | 55 | 56 | 133 | 18 | 1.5 | 2.7 | 5.0 |
| 65 | AGS 554 RR | 55 | 57 | 147 | 24 | 1.3 | 2.7 | 3.0 |
| 78 | HALO 5:25 | 55 | 57 | 136 | 16 | 1.3 | 3.0 | 4.0 |
| 158 | Whitney 1154LL | 55 | / | 132 | 34 | 2.0 | 3.7 | 4.0 |
| 57 | Delta Grow 5461LL | 55 | 53 | 133 | 34 | 1.8 | 6.3 | 4.0 |
| 120 | Delta Grow 5656R2Y EX | 55 | / | 137 | 21 | 1.5 | 4.0 | 4.0 |
| 161 | Dyna-Gro 35F55 | 55 | 59 | 136 | 26 | 1.5 | 3.3 | 5.0 |
| 89 | Morsoy Xtra 51X11 | 55 | / | 146 | 23 | 1.8 | 3.7 | 3.0 |
| 109 | Progeny 5610RY | 54 | 56 | 131 | 28 | 1.3 | 3.0 | 7.0 |
| 119 | Delta Grow 5252R2Y EX | 54 | / | 132 | 15 | 1.0 | 3.7 | 6.0 |
| 106 | Progeny 5210RY | 54 | 57 | 140 | 21 | 1.5 | 3.3 | 5.0 |
| 115 | Progeny 5460LL | 54 | 54 | 131 | 33 | 1.5 | 5.3 | 3.0 |
| 148 | Armor X1213 | 54 | / | 131 | 22 | 1.3 | 3.0 | 5.0 |
| 66 | AGS 568 RR | 54 | 57 | 147 | 24 | 1.3 | 3.7 | 2.0 |
| 113 | Progeny 5330RR | 54 | 57 | 132 | 21 | 1.8 | 4.0 | 4.0 |
| 126 | Rev [®] 57R21TM | 54 | 53 | 131 | 25 | 1.8 | 3.0 | 6.0 |
| 116 | Progeny 5960LL | 54 | 54 | 136 | 23 | 1.5 | 3.3 | 5.0 |

| | | | | | | | | |
|-------------|--------------------|------|----|-------|------|------|------|-----|
| 45 | HBK R5226 | 54 | 60 | 132 | 21 | 1.5 | 2.7 | 5.0 |
| 35 | S56-G6 Brand | 53 | 54 | 139 | 27 | 1.8 | 4.3 | 2.0 |
| 92 | GoSoy 5911 LL | 53 | / | 143 | 23 | 1.3 | 3.7 | 3.0 |
| 82 | HBK RY5421 | 53 | / | 131 | 21 | 1.3 | 2.3 | 7.0 |
| 19 | Ozark | 53 | 54 | 133 | 19 | 1.3 | 4.3 | 5.0 |
| 69 | AGS 6011 LL | 53 | / | 132 | 23 | 1.5 | 3.0 | 5.0 |
| 150 | Armor X1216 | 53 | / | 131 | 19 | 1.3 | 3.3 | 8.0 |
| 93 | Delta Grow 5565R2Y | 52 | / | 133 | 25 | 1.5 | 3.3 | 5.0 |
| 79 | HALO 5:65 | 52 | 56 | 141 | 25 | 1.5 | 3.3 | 3.0 |
| 52 | Pioneer 95Y10 | 52 | / | 131 | 29 | 1.5 | 3.7 | 6.0 |
| 107 | Progeny 5321RY | 52 | / | 134 | 49 | 3.5 | 3.7 | 3.0 |
| 112 | Progeny 5160LL | 51 | 52 | 133 | 18 | 1.3 | 3.3 | 4.0 |
| 136 | Rev® 51R53TM | 51 | / | 132 | 28 | 2.0 | 3.7 | 5.0 |
| 151 | Armor X1217 | 51 | / | 132 | 19 | 1.5 | 4.0 | 7.0 |
| 153 | Armor DK 5363 | 50 | 54 | 144 | 20 | 1.5 | 4.7 | 3.0 |
| 33 | S54-V4 Brand | 50 | / | 140 | 22 | 1.5 | 3.7 | 3.0 |
| 49 | AG5832 | 50 | / | 143 | 50 | 4.0 | 3.3 | 3.0 |
| 128 | USG ALLEN RR | 50 | / | 147 | 24 | 1.3 | 4.3 | 3.0 |
| 114 | Progeny 5261LL | 50 | / | 134 | 18 | 1.5 | 3.0 | 5.0 |
| 160 | Dyna-Gro 37RY52 | 50 | 53 | 132 | 17 | 1.3 | 3.3 | 6.0 |
| 15 | Pioneer 95Y20 | 49 | 48 | 133 | 18 | 1.5 | 3.3 | 4.0 |
| 117 | USG 75Z38 | 48 | / | 133 | 21 | 1.5 | 2.3 | 5.0 |
| 29 | AG5831 | 48 | 51 | 132 | 19 | 1.5 | 3.3 | 5.0 |
| 14 | Pioneer 95Y01 | 48 | 51 | 131 | 31 | 1.8 | 4.3 | 6.0 |
| 81 | HBK RY5220 | 48 | 54 | 132 | 23 | 1.5 | 3.7 | 5.0 |
| 6 | Delta Grow 5280RR | 47 | 53 | 140 | 24 | 1.8 | 3.3 | 5.0 |
| 16 | Pioneer 95Y31 | 47 | 51 | 131 | 24 | 1.5 | 4.0 | 7.0 |
| 4 | Delta Grow 5160RR | 46 | / | 132 | 31 | 1.8 | 4.0 | 6.0 |
| 53 | Pioneer 95Y50 | 46 | / | 133 | 23 | 1.3 | 3.7 | 3.0 |
| 68 | Shillinger 5220.RC | 45 | / | 131 | 29 | 1.8 | 4.0 | 5.0 |
| 20 | Osage | 44 | 51 | 136 | 19 | 1.0 | 5.7 | 4.0 |
| 5 | Delta Grow 5300RR | 40 | 48 | 133 | 19 | 1.5 | 5.0 | 5.0 |
| 64 | GoSoy 6111 LL | 38 | / | 135 | 21 | 1.8 | 3.7 | 5.0 |
| 149 | Armor X1215 | 29 | / | 136 | 25 | 1.8 | 3.7 | 3.0 |
| LSD (P=.05) | | 9.9 | | 7.9 | 5.1 | 0.7 | 1.6 | |
| CV% | | 11.3 | | 2.9 | 10.6 | 22.5 | 27.4 | |
| Grand Mean | | 54.2 | | 135.8 | 23.9 | 1.6 | 3.6 | 4.4 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days to reach physiological maturity (R8 growth stage)
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- f) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Macon Ridge Research Station

All Maturity Groups

Agronomic and Cultural Practices

| | | | |
|--------------------------------|---|-------------------------|---------------------|
| Maturity Group: | MG III, IV, and V | | |
| Location: | MRRS Winnsboro | | |
| Irrigated (yes or no): | Yes | | |
| Irrigation Type: | furrow | | |
| Tillage System: | Minimum- reshape beds in fall | | |
| Soil pH: | 6.4 | | |
| Organic Matter (%): | Not available | | |
| Soil Texture: | Gigger silt loam | | |
| Row Spacing (inches): | 40 | | |
| Row/Plot Length (feet): | 20 | | |
| Planting Date: | 4/20/2011 | | |
| Harvest Date: | MG III and IV on 31-Aug; MG V on 12-Sep | | |
| Seeding Rate (sd/A): | 120,000 | | |
| Fertilizer Applied 1: | None indicated from soil test | | |
| Foliar Insecticide 1: | bifenthrin | Rate: 3 oz/A | Date: 7/18/2011 |
| Foliar Insecticide 2: | bifenthrin + Belt | Rate: 3 oz + 1.5 oz/A | Date: 8/1/2011 |
| Pre Emerge Herb 1: | Linex+Dual | Rate: 1 pt + 1 pt | Date: 20-Apr |
| Post Herb 1: | Glyphosate* + Blazer + Poast Plus | Rate: 1 qt + 1 pt + 1pt | Date: 7-Jun |
| Harvest Aid | Gramoxone | Rate: 2 pt | Date: 26-Aug, 8-Sep |

*Glyphosate application was applied under the hood.

Table 7. Performance of Maturity Group III and Early IV Soybean Varieties at the Macon Ridge Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | |
|-------------|--------------------------|--------------------|------------------|-----------------------|
| | | Yield ^a | Avg ^a | Maturity ^b |
| 30 | S44-D5 Brand | 52 | 60 | 128 |
| 139 | Rev [®] 44R22TM | 50 | 60 | 126 |
| 18 | Pioneer 93Y92 | 42 | 54 | 124 |
| 31 | S42-T4 Brand | 36 | / | 122 |
| 141 | Progeny 4211 | 33 | / | 120 |
| 7 | Delta Grow 4460RR | 25 | / | 122 |
| 95 | Progeny 3911RY | 16 | / | 108 |
| LSD (P=.05) | | 6.9 | | 1.8 |
| CV% | | 12.8 | | 1.0 |
| Grand Mean | | 36.2 | | 121.3 |

a) Yield is expressed in bushels per acre corrected to 13% moisture content

b) Maturity = Number of days between planting and the R8 growth stage

**Table 8. Performance of Maturity Group IV Soybean Varieties
at the Macon Ridge Research Station in 2011.**

| Entry No. | Entry Name | 2010/2011 | | | Plant | | | Salt ^e 8/23/11 | Salt ^e 8/23/11 |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|-----|------------------------------|------------------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d | | | |
| 143 | Armor X1210 | 57 | / | 132 | 26 | 1.0 | / | / | |
| 12 | Pioneer 94Y70 | 56 | 62 | 130 | 26 | 1.3 | / | / | |
| 58 | Schillinger 457.RCP | 54 | 58 | 129 | 29 | 1.3 | / | / | |
| 155 | Rev [®] 48R21TM | 52 | 64 | 132 | 25 | 1.0 | / | / | |
| 131 | Rev [®] 48R33TM | 52 | / | 128 | 23 | 1.8 | / | / | |
| 132 | Rev [®] 49R22TM | 52 | 64 | 132 | 30 | 1.0 | / | / | |
| 134 | Rev [®] 46R73TM | 52 | / | 127 | 24 | 1.8 | / | / | |
| 135 | Rev [®] 48R10TM | 52 | 62 | 130 | 25 | 1.5 | / | / | |
| 37 | HBK R4829 | 51 | 60 | 132 | 21 | 1.0 | / | / | |
| 98 | Progeny 4750RR | 51 | 61 | 130 | 23 | 1.8 | / | / | |
| 125 | Rev [®] 48R22 | 50 | 58 | 126 | 24 | 1.5 | / | / | |
| 40 | Morsoy 4707 | 50 | / | 131 | 24 | 1.3 | / | / | |
| 99 | Progeny 4807RR | 49 | 59 | 131 | 25 | 1.3 | / | / | |
| 11 | Pioneer 94Y50 | 49 | / | 127 | 21 | 1.3 | / | / | |
| 51 | USG 74E88 | 49 | / | 127 | 25 | 1.5 | / | / | |
| 146 | Rev [®] 49R43TM | 49 | / | 129 | 24 | 1.8 | / | 1.8 | |
| 38 | HBK R4729 | 49 | 57 | 130 | 23 | 1.8 | / | / | |
| 32 | S49-H7 Brand | 46 | 55 | 131 | 26 | 1.3 | / | / | |
| 1 | Delta Grow 4880RR | 45 | 61 | 130 | 24 | 1.5 | / | / | |
| 147 | Dyna-Gro 33G48 | 43 | 57 | 132 | 24 | 1.5 | / | / | |
| 129 | Rev [®] 49R11TM | 42 | / | 127 | 22 | 1.0 | / | / | |
| 96 | Progeny 4911Ry | 41 | / | 131 | 38 | 1.0 | / | / | |
| 156 | Rev [®] 49R10TM | 39 | 49 | 125 | 34 | 2.5 | / | 1.8 | |
| 21 | UA 4910 | 39 | 55 | 130 | 26 | 1.3 | / | 1.8 | |
| 8 | Delta Grow 4770RR | 39 | 57 | 120 | 30 | 1.3 | 2.0 | 3.0 | |
| 42 | Morsoy Xtra 46X29 | 38 | 56 | 127 | 27 | 1.3 | 2.0 | 2.3 | |
| 13 | Pioneer 94Y80 | 38 | 54 | 122 | 25 | 1.3 | / | 1.8 | |
| 88 | Morsoy Xtra 46X71 | 37 | / | 123 | 24 | 1.0 | 2.0 | 3.0 | |
| 103 | Progeny 4710RY | 37 | 55 | 126 | 23 | 1.3 | / | / | |
| 100 | Progeny 4906RR | 35 | 49 | 126 | 27 | 1.3 | / | 1.7 | |
| 9 | S08-14087 RR | 35 | / | 124 | 33 | 1.3 | / | 1.8 | |
| 3 | Delta Grow 4975RR | 35 | 53 | 126 | 28 | 1.8 | / | 1.8 | |
| 54 | Pioneer 94Y82 | 35 | / | 119 | 26 | 1.0 | / | 2.8 | |
| 101 | Progeny 4510RY | 34 | 54 | 124 | 24 | 1.3 | / | 2.0 | |
| 72 | GoSoy 4810 LL | 34 | / | 126 | 33 | 1.0 | / | / | |
| 123 | S46-A1 Brand | 34 | / | 124 | 27 | 1.0 | / | 1.8 | |
| 2 | Delta Grow 4970RR | 33 | 48 | 125 | 27 | 1.8 | / | 1.8 | |
| 36 | HBK R4924 | 33 | 49 | 122 | 26 | 1.3 | / | 2.8 | |
| 60 | Schillinger 495.RC | 32 | 50 | 125 | 26 | 1.3 | / | 1.8 | |
| 85 | Dyna-Gro 37RY47 | 32 | / | 123 | 24 | 1.0 | / | 1.8 | |
| 133 | Rev [®] 47R53TM | 32 | / | 120 | 23 | 1.3 | 2.0 | 3.3 | |
| 102 | Progeny 4611RY | 31 | / | 119 | 23 | 1.0 | 2.0 | 3.8 | |
| 25 | AG4932 | 30 | / | 124 | 26 | 1.0 | / | 2.5 | |
| 73 | HALO 4:65 | 30 | 48 | 121 | 27 | 1.0 | 2.0 | 3.8 | |
| 145 | Armor DK 4744 | 30 | 51 | 124 | 24 | 1.5 | 2.0 | 2.0 | |

| | | | | | | | | |
|-------------|---------------------|-------|----|--------|-------|-------|-----|------|
| 74 | HALO 4:75 | 29 | / | 124 | 36 | 1.0 | / | 1.8 |
| 159 | Miami 949LL | 28 | / | 128 | 33 | 1.3 | 2.0 | / |
| 41 | Morsoy Xtra 48X00 | 28 | 50 | 122 | 24 | 1.0 | 2.0 | 3.3 |
| 144 | Armor X1211 | 28 | 46 | 127 | 28 | 1.5 | / | 1.7 |
| 10 | S08-17361 | 28 | / | 125 | 30 | 1.8 | / | 2.0 |
| 70 | Schillinger 4990.RC | 28 | 43 | 127 | 27 | 1.3 | / | 1.7 |
| 138 | Rev® 45R10TM | 28 | / | 121 | 27 | 1.0 | 2.0 | 4.0 |
| 71 | Schillinger 478.RCS | 27 | 48 | 126 | 26 | 1.5 | / | 1.8 |
| 77 | HBK RY4721 | 27 | / | 119 | 28 | 1.0 | 2.0 | 3.8 |
| 86 | Dyna-Gro 31RY45 | 27 | / | 123 | 23 | 1.0 | 2.0 | 3.5 |
| 142 | Armor X1208 | 27 | / | 121 | 28 | 1.0 | / | 3.3 |
| 104 | Progeny 4811RY | 26 | / | 121 | 26 | 1.3 | 2.0 | 2.8 |
| 124 | Delta Grow 4861LL | 26 | 44 | 124 | 31 | 1.3 | / | 1.8 |
| 24 | AG4832 | 26 | / | 122 | 26 | 1.0 | 2.0 | 3.8 |
| 94 | Delta Grow 4670 R2Y | 25 | / | 122 | 27 | 1.0 | 2.0 | 3.3 |
| 75 | HALO 4:94 | 24 | 41 | 128 | 29 | 1.0 | / | / |
| 76 | HBK R4830 | 24 | / | 125 | 26 | 1.3 | / | 2.3 |
| 59 | Schillinger 458.RCS | 24 | 49 | 119 | 22 | 1.0 | 2.0 | 2.8 |
| 97 | Progeny 4928LL | 24 | 42 | 127 | 34 | 1.3 | / | / |
| 39 | Morsoy Xtra 47X31 | 23 | / | 121 | 28 | 1.0 | 2.0 | 4.3 |
| 122 | Delta Grow 4875R2Y | 21 | / | 118 | 27 | 1.0 | 2.0 | 4.0 |
| 140 | Rev® 47R22TM | 19 | 42 | 117 | 26 | 1.0 | 2.0 | 4.3 |
| 84 | Dyna-Gro 33RY47 | 18 | / | 118 | 22 | 1.0 | / | 3.5 |
| LSD (P=.05) | | 8.39 | | 2.09 | 2.81 | 0.56 | 0.0 | 1.3 |
| CV% | | 16.51 | | 1.2 | 7.71 | 32.03 | 0.3 | 23.6 |
| Grand Mean | | 36.29 | | 125.22 | 26.29 | 1.25 | 2.0 | 2.6 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Salt Damage = Rated on a scale of 1 to 5, where 1 = no chlorotic tissue and 5 = severe leaf desiccation and defoliation

Table 9. Performance of Maturity Group V Soybean Varieties at the Macon Ridge Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | | Plant | | CB ^a 8/24 | CB ^a 8/29 | Salt ^a 8/23 |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|-------------------------|-------------------------|---------------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d | | | |
| 105 | Progeny 5111RY | 52 | / | 134 | 25 | 1.0 | 5.0 | / | / |
| 26 | AG5232 | 49 | / | 133 | 22 | 1.0 | 4.0 | / | / |
| 50 | USG 75Z98 | 47 | / | 144 | 26 | 1.0 | 2.3 | 4.0 | / |
| 110 | Progeny 5711RY | 46 | / | 138 | 23 | 1.3 | 3.0 | 5.5 | / |
| 87 | Dyna-Gro 32RY55 | 45 | / | 140 | 25 | 1.0 | 2.7 | 5.5 | / |
| 56 | Delta Grow 5625R2Y | 44 | / | 138 | 21 | 1.3 | 2.3 | 5.0 | / |
| 109 | Progeny 5610RY | 44 | 58 | 137 | 25 | 1.0 | 3.0 | 5.0 | / |
| 91 | Dyna-Gro 39RY57 | 44 | / | 139 | 27 | 1.0 | 2.3 | 5.0 | / |
| 121 | Delta Grow 5110R2Y EX | 44 | / | 132 | 40 | 2.0 | 1.3 | / | / |
| 92 | GoSoy 5911 LL | 43 | / | 144 | 20 | 1.0 | 3.0 | 5.0 | / |
| 116 | Progeny 5960LL | 43 | 53 | 144 | 24 | 1.0 | 3.0 | 4.5 | / |
| 118 | USG 75J90R | 43 | / | 138 | 22 | 1.0 | 2.7 | 5.0 | / |
| 53 | Pioneer 95Y50 | 42 | / | 135 | 23 | 1.0 | 2.7 | 5.5 | / |
| 64 | GoSoy 6111 LL | 42 | / | 138 | 22 | 1.0 | 4.3 | 5.0 | 1.5 |
| 20 | Osage | 42 | 56 | 138 | 19 | 1.0 | 2.0 | 5.0 | / |
| 33 | S54-V4 Brand | 41 | / | 140 | 21 | 1.0 | 2.3 | 4.1 | / |
| 90 | Morsoy Xtra 53X51 | 41 | / | 139 | 24 | 1.0 | 2.3 | 4.5 | / |
| 137 | Rev [®] 56R63TM | 41 | / | 140 | 26 | 1.0 | 3.7 | 5.0 | / |
| 81 | HBK RY5220 | 41 | 59 | 134 | 22 | 1.0 | 4.3 | / | / |
| 48 | Morsoy 5429 | 41 | 56 | 142 | 24 | 1.0 | 3.0 | 5.0 | 5.0 |
| 29 | AG5831 | 40 | 55 | 139 | 19 | 1.0 | 3.0 | 6.0 | / |
| 120 | Delta Grow 5656R2Y EX | 40 | / | 139 | 21 | 1.0 | 3.0 | / | / |
| 152 | Armor 55-R22 | 39 | / | 140 | 23 | 1.0 | 3.0 | 5.0 | / |
| 63 | AGS 5911 LL | 39 | / | 142 | 22 | 1.0 | 3.0 | 5.0 | / |
| 119 | Delta Grow 5252R2Y EX | 39 | / | 143 | 19 | 1.0 | 3.7 | 6.0 | / |
| 34 | S57-K3 Brand | 38 | 50 | 144 | 23 | 1.0 | 2.0 | 3.5 | / |
| 67 | AGS 597 RR | 38 | 52 | 144 | 25 | 1.0 | 2.3 | 3.5 | / |
| 108 | Progeny 5655RY | 38 | / | 142 | 26 | 1.0 | 3.0 | 5.0 | / |
| 16 | Pioneer 95Y31 | 38 | 54 | 137 | 26 | 1.3 | 2.7 | 5.1 | / |
| 89 | Morsoy Xtra 51X11 | 37 | / | 142 | 24 | 1.0 | 3.0 | 4.5 | / |
| 93 | Delta Grow 5565R2Y | 37 | / | 141 | 22 | 1.0 | 2.3 | 5.0 | / |
| 80 | HBK RY5121 | 37 | / | 134 | 22 | 1.0 | 5.0 | / | 1.5 |
| 43 | HBK R5525 | 36 | 52 | 143 | 21 | 1.0 | 2.0 | 5.1 | / |
| 45 | HBK R5226 | 35 | 51 | 144 | 21 | 1.0 | 2.0 | 5.0 | / |
| 117 | USG 75Z38 | 35 | / | 142 | 24 | 1.0 | 3.0 | 4.5 | / |
| 66 | AGS 568 RR | 35 | 50 | 144 | 21 | 1.0 | 1.7 | 3.0 | / |
| 113 | Progeny 5330RR | 35 | 33 | 138 | 27 | 1.3 | 4.3 | 5.1 | 1.5 |
| 126 | Rev [®] 57R21TM | 35 | 54 | 138 | 25 | 1.3 | 4.0 | 5.1 | / |
| 55 | Delta Grow 5555RR | 34 | 47 | 141 | 25 | 1.0 | 3.7 | 5.1 | 1.5 |
| 136 | Rev [®] 51R53TM | 33 | / | 129 | 28 | 1.0 | / | / | 4.5 |
| 14 | Pioneer 95Y01 | 33 | 51 | 127 | 31 | 1.3 | / | / | 4.5 |
| 79 | HALO 5:65 | 33 | 51 | 144 | 24 | 1.0 | 3.0 | 3.5 | / |
| 19 | Ozark | 32 | 47 | 134 | 24 | 1.0 | 3.2 | / | 2.5 |
| 15 | Pioneer 95Y20 | 31 | 47 | 138 | 21 | 1.0 | 3.3 | / | / |
| 6 | Delta Grow 5280RR | 31 | 46 | 143 | 23 | 1.0 | 3.0 | 5.0 | / |
| 17 | Pioneer 95Y70 | 31 | 44 | 144 | 26 | 1.0 | 2.0 | 3.0 | / |
| 69 | AGS 6011 LL | 31 | / | 137 | 23 | 1.0 | 4.0 | 5.5 | 1.5 |
| 35 | S56-G6 Brand | 30 | 45 | 145 | 19 | 1.0 | 2.0 | 4.0 | / |
| 106 | Progeny 5210RY | 30 | 45 | 132 | 22 | 1.0 | / | / | 3.0 |
| 107 | Progeny 5321RY | 30 | / | 143 | 45 | 2.0 | 1.0 | / | / |
| 46 | Delta Grow 5545RR | 30 | / | 144 | 26 | 1.0 | 2.0 | 3.5 | / |

| | | | | | | | | | |
|-------------|---------------------|------|----|-------|------|------|------|-----|------|
| 161 | Dyna-Gro 35F55 | 30 | 43 | 140 | 26 | 1.0 | 1.9 | 4.9 | 1.5 |
| 27 | AG5332 | 29 | / | 130 | 30 | 1.0 | / | / | 4.5 |
| 65 | AGS 554 RR | 29 | 46 | 145 | 22 | 1.0 | 2.3 | 4.0 | / |
| 127 | Dyna-Gro 35P53 | 29 | 45 | 135 | 25 | 1.0 | / | / | 2.5 |
| 82 | HBK RY5421 | 28 | / | 134 | 23 | 1.3 | 1.9 | / | 2.5 |
| 114 | Progeny 5261LL | 28 | / | 134 | 26 | 1.0 | 2.9 | / | 2.5 |
| 149 | Armor X1215 | 28 | / | 137 | 25 | 1.0 | 2.3 | 3.9 | 1.5 |
| 49 | AG5832 | 27 | / | 144 | 46 | 2.0 | 1.3 | / | / |
| 47 | Morsoy 5168 | 26 | 44 | 130 | 34 | 1.8 | / | / | 4.5 |
| 158 | Whitney 1154LL | 26 | / | 130 | 38 | 1.0 | / | / | 4.0 |
| 68 | Schillinger 5220.RC | 26 | / | 131 | 28 | 1.5 | / | / | 4.0 |
| 151 | Armor X1217 | 26 | / | 132 | 22 | 1.0 | 4.9 | / | 2.5 |
| 57 | Delta Grow 5461LL | 25 | 42 | 136 | 36 | 1.3 | / | / | 3.5 |
| 154 | Armor 53-R15 | 25 | 43 | 132 | 20 | 1.0 | / | / | 2.5 |
| 148 | Armor X1213 | 24 | / | 134 | 22 | 1.0 | 4.9 | / | 2.5 |
| 150 | Armor X1216 | 24 | / | 128 | 20 | 1.0 | / | / | 3.5 |
| 52 | Pioneer 95Y10 | 24 | / | 129 | 30 | 1.0 | / | / | 3.5 |
| 83 | HBK RY5521 | 23 | / | 131 | 23 | 1.0 | / | / | 3.0 |
| 78 | HALO 5:25 | 23 | 44 | 130 | 18 | 1.0 | / | / | 4.0 |
| 4 | Delta Grow 5160RR | 22 | / | 128 | 31 | 1.0 | / | / | 4.5 |
| 62 | GoSoy 5111 LL | 21 | / | 131 | 18 | 1.0 | / | / | 3.5 |
| 115 | Progeny 5460LL | 21 | 39 | 131 | 31 | 3.8 | / | / | 4.0 |
| 111 | Progeny 5811RY | 21 | / | 131 | 24 | 1.0 | / | / | 3.0 |
| 61 | Schillinger 557.RC | 20 | 43 | 137 | 22 | 1.0 | 3.5 | / | 2.5 |
| 160 | Dyna-Gro 37RY52 | 20 | 40 | 132 | 20 | 1.0 | / | / | 2.5 |
| 157 | Delta Grow 5275R2Y | 20 | 42 | 132 | 22 | 1.0 | / | / | 2.5 |
| 28 | AG5632 | 16 | / | 132 | 23 | 1.0 | / | / | 3.0 |
| 153 | Armor DK 5363 | 12 | 36 | 137 | 25 | 1.0 | 3.9 | / | 2.5 |
| 112 | Progeny 5160LL | 12 | 39 | 130 | 19 | 1.0 | / | / | 4.0 |
| 5 | Delta Grow 5300RR | 12 | 36 | 129 | 22 | 1.0 | / | / | 3.0 |
| 128 | USG ALLEN RR | 11 | / | 143 | 24 | 1.0 | 3.4 | / | 2.0 |
| 44 | HBK R5529 | 11 | 38 | 135 | 23 | 1.0 | 1.2 | / | 2.5 |
| LSD (P=.05) | | 9.4 | | 4.3 | 2.3 | 0.9 | 1.1 | 0.9 | 1.0 |
| CV% | | 21.1 | | 2.2 | 6.8 | 57.6 | 23.2 | 8.9 | 19.6 |
| Grand Mean | | 32.2 | | 136.9 | 24.6 | 1.1 | 2.9 | 4.7 | 3.0 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead
- f) Salt Damage = Rated on a scale of 1 to 5, where 1 = no chlorotic tissue and 5 = severe leaf desiccation and defoliation

Rice Research Station
All Maturity Groups
Agronomic and Cultural Practices

| | | | |
|--------------------------------|--|------------------------|--------------|
| Maturity Group: | MG III, IV, and V | | |
| Location: | Rice Research Station, Crowley | | |
| Irrigated (yes or no): | No | | |
| Irrigation Type: | N/A | | |
| Tillage System: | Spring Stale | | |
| Soil pH: | 5.98 | | |
| Organic Matter (%): | NA | | |
| Soil Texture: | Crowley silt loam | | |
| Row Spacing (inches): | 16 | | |
| Row/Plot Length (feet): | 20 | | |
| Planting Date: | 9-May | | |
| Harvest Date: | (MG III & Early IV, 9-Sep); (MG Late IV, 12-Sep); (MG V, 28-Sep) | | |
| Seeding Rate (sd/A): | 130,000 | | |
| Fertilizer Applied 1: | 240# of 0-24-24-2.8, May 13 | | |
| Foliar Insecticide 1: | Karate Z | Rate: 1.28 oz/A | Date: 10-May |
| Foliar Insecticide 2: | Leverage 2.7 | Rate: 4 oz/A | Date: 2-Aug |
| Pre Emerge Herb 1: | Dual II Magnum | Rate: 1.5 pt/A | Date: 13-May |
| Post Herb 1: | Poast Plus + Basagran | Rate: 1 qt/A, 1.5 pt/A | Date: 7-Jun |
| Post Herb 2: | Poast Plus + Basagran | Rate: 1 qt/A, 1.5 pt/A | Date: 28-Jun |
| Post Herb 3: | Poast Plus + Basagran | Rate: 1 qt/A, 1.5 pt/A | Date: 2-Aug |

Table 10. Performance of Maturity Group III and Early IV Soybean Varieties at the Rice Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | Plant | | Test Weight ^e | |
|-------------|--------------------------|--------------------|------------------|-----------------------|---------------------|--------------------------|----------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | | Lodging ^d |
| 30 | S44-D5 Brand | 37 | 54 | 113 | 27 | 1.0 | 55.2 |
| 18 | Pioneer 93Y92 | 35 | 56 | 107 | 20 | 1.0 | 54.1 |
| 7 | Delta Grow 4460RR | 35 | / | 113 | 25 | 1.3 | 54.1 |
| 141 | Progeny 4211 | 33 | / | 111 | 19 | 1.0 | 53.7 |
| 139 | Rev [®] 44R22TM | 29 | 48 | 109 | 23 | 1.0 | 54.7 |
| 31 | S42-T4 Brand | 26 | / | 110 | 24 | 1.7 | 55.3 |
| 95 | Progeny 3911RY | 18 | / | 106 | 20 | 0.9 | 54.1 |
| LSD (P=.05) | | 11.6 | | 2.5 | 4.0 | 0.7 | 0.6 |
| CV% | | 21.5 | | 1.3 | 9.8 | 30.6 | 0.6 |
| Grand Mean | | 30.4 | | 109.8 | 22.7 | 1.1 | 54.5 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Measure of grain weight (lb) per bushel (on a volume basis)

Table 11. Performance of Maturity Group IV Soybean Varieties at the Rice Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | | Plant | | Test |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|---------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d | Weight ^e |
| 13 | Pioneer 94Y80 | 42 | 55 | 118 | 29 | 2.0 | 53.5 |
| 24 | AG4832 | 36 | / | 117 | 32 | 2.3 | 53.0 |
| 54 | Pioneer 94Y82 | 36 | / | 114 | 24 | 1.0 | 53.8 |
| 102 | Progeny 4611RY | 35 | / | 116 | 25 | 1.3 | 53.4 |
| 100 | Progeny 4906RR | 34 | 49 | 121 | 32 | 2.3 | 52.3 |
| 133 | Rev [®] 47R53TM | 34 | / | 115 | 24 | 1.0 | 53.9 |
| 142 | Armor X1208 | 34 | / | 116 | 30 | 2.0 | 53.2 |
| 104 | Progeny 4811RY | 33 | / | 115 | 31 | 2.3 | 53.4 |
| 94 | Delta Grow 4670 R2Y | 33 | / | 115 | 27 | 1.3 | 53.3 |
| 140 | Rev [®] 47R22TM | 33 | 51 | 115 | 29 | 2.0 | 54.0 |
| 134 | Rev [®] 46R73TM | 33 | / | 113 | 24 | 2.0 | 54.2 |
| 86 | Dyna-Gro 31RY45 | 33 | / | 115 | 24 | 1.0 | 52.8 |
| 12 | Pioneer 94Y70 | 33 | 53 | 115 | 27 | 1.3 | 53.1 |
| 88 | Morsoy Xtra 46X71 | 32 | / | 114 | 27 | 0.3 | 53.6 |
| 101 | Progeny 4510RY | 32 | 54 | 117 | 24 | 1.3 | 53.4 |
| 84 | Dyna-Gro 33RY47 | 32 | / | 115 | 30 | 2.7 | 53.6 |
| 122 | Delta Grow 4875R2Y | 31 | / | 120 | 31 | 2.3 | 53.3 |
| 146 | Rev [®] 49R43TM | 31 | / | 119 | 26 | 1.7 | 53.5 |
| 9 | S08-14087 RR | 31 | / | 123 | 31 | 1.7 | 52.1 |
| 25 | AG4932 | 30 | / | 118 | 29 | 1.0 | 52.3 |
| 96 | Progeny 4911Ry | 30 | / | 121 | 36 | 1.7 | 52.3 |
| 159 | Miami 949LL | 30 | / | 122 | 31 | 1.3 | 51.9 |
| 143 | Armor X1210 | 30 | / | 114 | 23 | 0.7 | 54.1 |
| 39 | Morsoy Xtra 47X31 | 30 | / | 115 | 33 | 2.7 | 53.1 |
| 11 | Pioneer 94Y50 | 29 | / | 113 | 23 | 1.7 | 54.3 |
| 97 | Progeny 4928LL | 29 | 48 | 121 | 33 | 2.0 | 51.9 |
| 98 | Progeny 4750RR | 29 | 50 | 116 | 26 | 1.7 | 53.7 |
| 1 | Delta Grow 4880RR | 29 | 48 | 115 | 21 | 0.7 | 53.4 |
| 42 | Morsoy Xtra 46X29 | 29 | 50 | 119 | 25 | 1.0 | 53.0 |
| 72 | GoSoy 4810 LL | 29 | / | 112 | 32 | 1.3 | 54.3 |
| 156 | Rev [®] 49R10TM | 28 | 43 | 119 | 33 | 2.3 | 52.3 |
| 74 | HALO 4:75 | 28 | / | 111 | 33 | 2.7 | 53.3 |
| 10 | S08-17361 | 28 | / | 127 | 28 | 1.0 | 51.1 |
| 73 | HALO 4:65 | 28 | 47 | 111 | 26 | 1.3 | 53.5 |
| 147 | Dyna-Gro 33G48 | 28 | 46 | 116 | 24 | 0.7 | 53.3 |
| 131 | Rev [®] 48R33TM | 28 | / | 113 | 26 | 2.7 | 53.6 |
| 77 | HBK RY4721 | 27 | / | 115 | 33 | 1.7 | 52.9 |
| 75 | HALO 4:94 | 27 | 43 | 122 | 32 | 1.3 | 52.1 |
| 132 | Rev [®] 49R22TM | 27 | 45 | 123 | 28 | 1.3 | 52.6 |
| 2 | Delta Grow 4970RR | 27 | 46 | 120 | 30 | 1.7 | 52.6 |
| 138 | Rev [®] 45R10TM | 27 | / | 111 | 28 | 2.0 | 53.4 |
| 60 | Schillinger 495.RC | 27 | 44 | 118 | 28 | 1.0 | 53.2 |
| 85 | Dyna-Gro 37RY47 | 26 | / | 116 | 26 | 0.7 | 53.2 |

| | | | | | | | |
|-------------|---------------------|------|----|-------|------|------|------|
| 8 | Delta Grow 4770RR | 26 | / | 112 | 26 | 1.7 | 53.3 |
| 145 | Armor DK 4744 | 26 | 45 | 120 | 25 | 1.0 | 52.9 |
| 21 | UA 4910 | 26 | 44 | 124 | 28 | 1.0 | 53.0 |
| 124 | Delta Grow 4861LL | 25 | 44 | 112 | 32 | 3.0 | 53.2 |
| 123 | S46-A1 Brand | 25 | 45 | 117 | 28 | 1.3 | 53.8 |
| 3 | Delta Grow 4975RR | 25 | 46 | 120 | 32 | 1.7 | 52.1 |
| 135 | Rev® 48R10TM | 25 | 48 | 113 | 25 | 0.7 | 53.4 |
| 155 | Rev® 48R21TM | 25 | 40 | 118 | 24 | 1.0 | 52.9 |
| 125 | Rev® 48R22 | 24 | 45 | 112 | 23 | 0.7 | 53.8 |
| 103 | Progeny 4710RY | 24 | 44 | 116 | 23 | 1.0 | 52.5 |
| 99 | Progeny 4807RR | 24 | 44 | 114 | 28 | 2.0 | 54.2 |
| 58 | Schillinger 457.RCP | 24 | 46 | 112 | 27 | 1.7 | 53.2 |
| 36 | HBK R4924 | 23 | 42 | 126 | 32 | 2.3 | 51.7 |
| 40 | Morsoy 4707 | 22 | / | 114 | 31 | 2.0 | 54.3 |
| 59 | Schillinger 458.RCS | 22 | 44 | 113 | 21 | 0.0 | 53.1 |
| 32 | S49-H7 Brand | 22 | 45 | 120 | 28 | 1.0 | 52.9 |
| 51 | USG 74E88 | 22 | / | 112 | 25 | 1.3 | 52.8 |
| 144 | Armor X1211 | 22 | 44 | 123 | 28 | 1.3 | 52.5 |
| 38 | HBK R4729 | 21 | 46 | 117 | 27 | 1.0 | 54.2 |
| 129 | Rev® 49R11TM | 20 | / | 111 | 20 | 1.0 | 54.7 |
| 37 | HBK R4829 | 20 | 46 | 121 | 27 | 1.0 | 53.6 |
| 70 | Schillinger 4990.RC | 19 | 40 | 123 | 25 | 1.3 | 52.4 |
| 41 | Morsoy Xtra 48X00 | 19 | 42 | 118 | 24 | 1.3 | 52.7 |
| 71 | Schillinger 478.RCS | 15 | 39 | 121 | 22 | 0.3 | 52.7 |
| 76 | HBK R4830 | 11 | / | 123 | 30 | 3.0 | 51.5 |
| LSD (P=.05) | | 6.8 | | 5.5 | 4.4 | 0.9 | 1.0 |
| CV% | | 15.2 | | 2.9 | 9.9 | 36.3 | 1.2 |
| Grand Mean | | 27.5 | | 116.9 | 27.6 | 1.5 | 53.1 |

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- Measure of grain weight (lb) per bushel (on a volume basis)

Table 12. Performance of Maturity Group V Soybean Varieties at the Rice Research Station in 2011.

| Entry No. | Entry Name | 2010/2011 | | | Plant | | Test |
|-----------|----------------------|--------------------|------------------|-----------------------|---------------------|----------------------|---------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d | Weight ^e |
| 136 | Rev® 51R53TM | 35 | / | 131 | 23 | 1.3 | 55.4 |
| 14 | Pioneer 95Y01 | 34 | 50 | 127 | 27 | 2.3 | 55.7 |
| 52 | Pioneer 95Y10 | 34 | / | 127 | 28 | 1.7 | 56.3 |
| 116 | Progeny 5960LL | 33 | 52 | 132 | 19 | 0.7 | 55.2 |
| 137 | Rev® 56R63TM | 32 | / | 136 | 20 | 0.3 | 55.1 |
| 47 | Morsoy 5168 | 31 | 47 | 128 | 30 | 2.7 | 55.9 |
| 17 | Pioneer 95Y70 | 30 | 42 | 138 | 19 | 0.3 | 54.5 |
| 107 | Progeny 5321RY | 29 | / | 128 | 43 | 2.7 | 54.9 |
| 67 | AGS 597 RR | 29 | 46 | 141 | 17 | 0.3 | 55.0 |
| 153 | Armor DK 5363 | 29 | 46 | 140 | 17 | 0.7 | 55.1 |
| 27 | AG5332 | 29 | / | 124 | 26 | 1.0 | 56.1 |
| 110 | Progeny 5711RY | 29 | / | 129 | 16 | 0.0 | 55.0 |
| 20 | Osage | 29 | 42 | 127 | 15 | 0.0 | 55.7 |
| 92 | GoSoy 5911 LL | 29 | / | 131 | 19 | 0.0 | 54.9 |
| 45 | HBK R5226 | 29 | 47 | 136 | 16 | 0.0 | 55.3 |
| 158 | Whitney 1154LL | 28 | / | 127 | 29 | 2.3 | 55.1 |
| 115 | Progeny 5460LL | 28 | 47 | 126 | 28 | 1.3 | 55.4 |
| 117 | USG 75238 | 28 | / | 135 | 16 | 0.0 | 55.6 |
| 121 | DeltaGrow 5110R2Y EX | 28 | / | 126 | 34 | 3.0 | 55.1 |
| 161 | Dyna-Gro 35F55 | 28 | 47 | 135 | 17 | 0.3 | 55.7 |
| 49 | AG5832 | 27 | / | 140 | 39 | 2.7 | 54.7 |
| 79 | HALO 5:65 | 27 | 45 | 139 | 17 | 0.0 | 54.9 |
| 4 | DeltaGrow 5160RR | 27 | / | 125 | 30 | 2.0 | 55.3 |
| 63 | AGS 5911 LL | 27 | / | 133 | 17 | 0.0 | 55.2 |
| 114 | Progeny 5261LL | 26 | / | 126 | 15 | 0.0 | 55.2 |
| 55 | DeltaGrow 5555RR | 26 | 46 | 134 | 17 | 0.0 | 55.5 |
| 57 | DeltaGrow 5461LL | 26 | 42 | 126 | 27 | 1.7 | 55.7 |
| 65 | AGS 554 RR | 26 | 42 | 140 | 15 | 0.0 | 55.3 |
| 46 | DeltaGrow 5545RR | 25 | / | 139 | 14 | 0.0 | 55.1 |
| 109 | Progeny 5610RY | 25 | 40 | 128 | 19 | 0.0 | 55.0 |
| 128 | USG ALLEN RR | 25 | / | 142 | 17 | 0.0 | 54.5 |
| 157 | DeltaGrow 5275R2Y | 24 | 44 | 124 | 16 | 0.0 | 55.1 |
| 105 | Progeny 5111RY | 24 | / | 122 | 16 | 0.0 | 55.9 |
| 108 | Progeny 5655RY | 24 | / | 128 | 20 | 0.0 | 56.0 |
| 50 | USG 75298 | 24 | / | 141 | 16 | 0.3 | 54.0 |
| 33 | S54-V4 Brand | 24 | / | 129 | 15 | 0.0 | 55.1 |
| 112 | Progeny 5160LL | 23 | 46 | 128 | 14 | 0.0 | 55.5 |
| 91 | Dyna-Gro 39RY57 | 23 | / | 127 | 17 | 0.0 | 54.9 |
| 90 | Morsoy Xtra 53X51 | 23 | / | 128 | 17 | 0.0 | 55.1 |
| 78 | HALO 5:25 | 23 | 38 | 129 | 14 | 0.0 | 55.6 |
| 16 | Pioneer 95Y31 | 23 | 38 | 127 | 19 | 0.3 | 55.0 |
| 34 | S57-K3 Brand | 23 | 39 | 139 | 18 | 0.0 | 54.4 |

| | | | | | | | |
|-------------|----------------------|------|----|-------|------|------|------|
| 127 | Dyna-Gro 35P53 | 22 | 33 | 132 | 15 | 0.0 | 55.3 |
| 148 | Armor X1213 | 22 | / | 129 | 15 | 0.0 | 55.3 |
| 56 | DeltaGrow 5625R2Y | 22 | / | 127 | 17 | 0.0 | 55.1 |
| 15 | Pioneer 95Y20 | 22 | 35 | 129 | 16 | 0.0 | 54.7 |
| 48 | Morsoy 5429 | 22 | 42 | 136 | 15 | 0.3 | 54.5 |
| 93 | DeltaGrow 5565R2Y | 22 | / | 128 | 16 | 0.0 | 54.9 |
| 81 | HBK RY5220 | 22 | 39 | 125 | 14 | 0.0 | 55.5 |
| 111 | Progeny 5811RY | 21 | / | 129 | 16 | 0.0 | 55.2 |
| 113 | Progeny 5330RR | 21 | 45 | 128 | 16 | 0.0 | 55.7 |
| 106 | Progeny 5210RY | 20 | 44 | 127 | 17 | 0.0 | 55.0 |
| 68 | Shillinger 5220.RC | 20 | / | 128 | 25 | 0.7 | 55.2 |
| 29 | AG5831 | 20 | 41 | 127 | 14 | 0.0 | 55.0 |
| 118 | USG 75J90R | 20 | / | 128 | 16 | 0.0 | 55.0 |
| 89 | Morsoy Xtra 51X11 | 20 | / | 133 | 17 | 0.3 | 54.8 |
| 44 | HBK R5529 | 19 | 39 | 137 | 15 | 0.0 | 54.7 |
| 87 | Dyna-Gro 32RY55 | 19 | / | 128 | 15 | 0.0 | 55.1 |
| 43 | HBK R5525 | 19 | 40 | 138 | 14 | 0.0 | 54.8 |
| 152 | Armor 55-R22 | 19 | / | 131 | 14 | 0.0 | 55.3 |
| 126 | Rev® 57R21TM | 18 | 40 | 131 | 19 | 0.7 | 55.1 |
| 149 | Armor X1215 | 18 | / | 137 | 16 | 0.0 | 54.8 |
| 6 | DeltaGrow 5280RR | 18 | 40 | 134 | 14 | 0.0 | 55.2 |
| 19 | Ozark | 18 | 36 | 125 | 14 | 0.0 | 54.4 |
| 69 | AGS 6011 LL | 18 | / | 128 | 15 | 0.0 | 55.4 |
| 28 | AG5632 | 18 | / | 122 | 17 | 0.0 | 55.3 |
| 66 | AGS 568 RR | 18 | 36 | 136 | 14 | 0.0 | 55.3 |
| 154 | Armor 53-R15 | 18 | 35 | 127 | 16 | 0.0 | 54.9 |
| 61 | Schillinger 557.RC | 18 | 37 | 134 | 14 | 0.0 | 55.2 |
| 120 | DeltaGrow 5656R2Y EX | 18 | / | 133 | 15 | 0.0 | 55.4 |
| 119 | DeltaGrow 5252R2Y EX | 17 | / | 125 | 14 | 0.0 | 55.4 |
| 151 | Armor X1217 | 17 | / | 130 | 14 | 0.0 | 55.2 |
| 160 | Dyna-Gro 37RY52 | 17 | 35 | 128 | 15 | 0.0 | 54.7 |
| 64 | GoSoy 6111 LL | 15 | / | 127 | 16 | 0.0 | 55.5 |
| 26 | AG5232 | 15 | / | 122 | 12 | 0.0 | 56.9 |
| 62 | GoSoy 5111 LL | 15 | / | 127 | 12 | 0.0 | 55.3 |
| 83 | HBK RY5521 | 14 | / | 128 | 17 | 0.0 | 55.6 |
| 80 | HBK RY5121 | 14 | / | 126 | 14 | 0.0 | 55.2 |
| 150 | Armor X1216 | 14 | / | 127 | 14 | 0.0 | 56.0 |
| 82 | HBK RY5421 | 13 | / | 128 | 14 | 0.0 | 55.5 |
| 53 | Pioneer 95Y50 | 12 | / | 126 | 16 | 0.0 | 55.3 |
| 35 | S56-G6 Brand | 11 | 33 | 139 | 13 | 0.0 | 53.5 |
| 5 | DeltaGrow 5300RR | 9 | 29 | 125 | 15 | 0.0 | 56.7 |
| LSD (P=.05) | | 6.4 | | 4.3 | 3.5 | 0.6 | 0.6 |
| CV% | | 17.5 | | 2.1 | 12.2 | 94.5 | 0.7 |
| Grand Mean | | 22.7 | | 130.4 | 18.0 | 0.4 | 55.2 |

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- Measure of grain weight (lb) per bushel (on a volume basis)

Northeast Research Station
Maturity Group III and Early IV
Agronomic and Cultural Practices

| | | | | | |
|--------------------------------|---|-------|----------|-------|---------|
| Maturity Group: | MG III and MG Early IV | | | | |
| Location: | Northeast Research Station, St. Joseph | | | | |
| Irrigated (yes or no): | Yes (6/9/11; 6/16/11; 7/15/11; 8/11/11) | | | | |
| Irrigation Type: | Furrow | | | | |
| Tillage System: | Conventional | | | | |
| Soil pH: | 5.82-6.57 | | | | |
| Organic Matter (%): | | | | | |
| Soil Texture: | silty clay | | | | |
| Row Spacing (inches): | 40 | | | | |
| Row/Plot Length (feet): | 17.5 | | | | |
| Planting Date: | 5/2/11 | | | | |
| Harvest Date: | MG III on 14-Sep; MG IV on 23-Sep MG V on 4-Oct | | | | |
| Seeding Rate (sd/A): | 130,000 | | | | |
| Fertilizer Applied 1: | None applied in 2011 | | | | |
| Foliar Insecticide 1: | Orthene | Rate: | 0.5 lb/A | Date: | 8/18/11 |
| Foliar Insecticide 2: | Tundra | Rate: | 6.0 oz/A | Date: | 8/18/11 |
| Pre Emerge Herb 1: | Valor | Rate: | 1.5 oz/A | Date: | 5/2/11 |
| Pre Emerge Herb 2: | Dual | Rate: | 24 oz/A | Date: | 5/2/11 |
| Post Herb 3: | Reflex | Rate: | 16 oz/A | Date: | 8/4/11 |
| Post Herb 4: | Volunteer | Rate: | 12 oz/A | Date: | 8/4/11 |
| Harvest Aid | N/A | Rate: | | Date: | |

**Table 13. Performance of Maturity Group III
Soybean Varieties at the Northeast Research Station in 2011.**

| Entry No. | Entry Name | 2010/2011 | | Plant | | |
|-------------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d |
| 141 | Progeny 4211 | 68 | / | 115 | 27 | 1.0 |
| 7 | Delta Grow 4460RR | 67 | / | 116 | 31 | 1.0 |
| 139 | Rev [®] 44R22TM | 66 | 57 | 116 | 28 | 1.0 |
| 30 | S44-D5 Brand | 62 | 55 | 123 | 34 | 1.0 |
| 95 | Progeny 3911RY | 61 | / | 113 | 23 | 1.0 |
| 31 | S42-T4 Brand | 58 | / | 113 | 36 | 1.0 |
| 18 | Pioneer 93Y92 | 55 | 48 | 115 | 27 | 1.0 |
| LSD (P=.05) | | 9 | | 2.5 | 4.1 | na |
| CV% | | 9.6 | | 0.9 | 5.7 | na |
| Grand Mean | | 62.2 | | 116 | 29.3 | 1 |

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down

**Table 14. Performance of Maturity Group IV
Soybean Varieties at the Northeast Research Station in 2011.**

| Entry No. | Entry Name | 2010/2011 | | | Plant | |
|-----------|---------------------|--------------------|------------------|-----------------------|---------------------|----------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d |
| 88 | Morsoy Xtra 46X71 | 72 | / | 126 | 33 | 1.0 |
| 133 | Rev® 47R53TM | 71 | / | 123 | 33 | 1.0 |
| 86 | Dyna-Gro 31RY45 | 70 | / | 128 | 28 | 1.0 |
| 54 | Pioneer 94Y82 | 69 | / | 126 | 30 | 1.0 |
| 94 | Delta Grow 4670 R2Y | 69 | / | 126 | 30 | 1.0 |
| 9 | S08-14087 RR | 68 | / | 123 | 35 | 1.0 |
| 42 | Morsoy Xtra 46X29 | 68 | 58 | 126 | 29 | 1.0 |
| 24 | AG4832 | 67 | / | 128 | 33 | 1.0 |
| 101 | Progeny 4510RY | 67 | 57 | 126 | 30 | 1.0 |
| 77 | HBK RY4721 | 66 | / | 128 | 36 | 1.0 |
| 98 | Progeny 4750RR | 66 | 58 | 130 | 30 | 1.0 |
| 59 | Schillinger 458.RCS | 66 | 56 | 128 | 27 | 1.0 |
| 102 | Progeny 4611RY | 66 | / | 128 | 31 | 1.0 |
| 134 | Rev® 46R73TM | 66 | / | 123 | 32 | 1.0 |
| 100 | Progeny 4906RR | 65 | 57 | 128 | 37 | 1.0 |
| 104 | Progeny 4811RY | 65 | / | 126 | 37 | 1.0 |
| 103 | Progeny 4710RY | 64 | 57 | 128 | 28 | 1.0 |
| 13 | Pioneer 94Y80 | 64 | 58 | 128 | 34 | 1.0 |
| 146 | Rev® 49R43TM | 64 | / | 126 | 33 | 1.0 |
| 99 | Progeny 4807RR | 64 | 58 | 128 | 32 | 1.0 |
| 145 | Armor DK 4744 | 63 | 54 | 128 | 30 | 1.0 |
| 41 | Morsoy Xtra 48X00 | 63 | 55 | 128 | 28 | 1.0 |
| 132 | Rev® 49R22TM | 63 | 56 | 128 | 36 | 1.0 |
| 129 | Rev® 49R11TM | 63 | / | 123 | 29 | 1.0 |
| 3 | Delta Grow 4975RR | 62 | 57 | 130 | 38 | 1.0 |
| 38 | HBK R4729 | 62 | 53 | 126 | 30 | 1.0 |
| 1 | Delta Grow 4880RR | 62 | 55 | 128 | 53 | 1.0 |
| 84 | Dyna-Gro 33RY47 | 62 | 53 | 126 | 35 | 1.0 |
| 11 | Pioneer 94Y50 | 62 | / | 123 | 32 | 1.0 |
| 25 | AG4932 | 61 | / | 131 | 32 | 1.0 |
| 122 | Delta Grow 4875R2Y | 61 | / | 128 | 35 | 1.0 |
| 155 | Rev® 48R21TM | 61 | 53 | 128 | 28 | 1.0 |
| 58 | Schillinger 457.RCP | 61 | 54 | 126 | 38 | 1.8 |
| 60 | Schillinger 495.RC | 60 | 55 | 128 | 35 | 1.0 |
| 40 | Morsoy 4707 | 60 | / | 131 | 34 | 1.0 |
| 156 | Rev® 49R10TM | 60 | 52 | 128 | 45 | 1.3 |
| 8 | Delta Grow 4770RR | 60 | 55 | 123 | 34 | 1.0 |
| 142 | Armor X1208 | 60 | / | 126 | 37 | 1.0 |
| 10 | S08-17361 | 60 | / | 128 | 35 | 1.0 |
| 36 | HBK R4924 | 59 | 55 | 128 | 40 | 1.0 |
| 135 | Rev® 48R10TM | 59 | 55 | 123 | 28 | 1.0 |
| 70 | Schillinger 4990.RC | 59 | 54 | 128 | 31 | 1.0 |
| 12 | Pioneer 94Y70 | 59 | 52 | 123 | 33 | 1.0 |

| | | | | | | |
|-------------|---------------------|------|----|-------|------|------|
| 138 | Rev® 45R10TM | 59 | / | 123 | 39 | 1.0 |
| 73 | HALO 4:65 | 59 | 53 | 123 | 33 | 1.0 |
| 85 | Dyna-Gro 37RY47 | 58 | / | 126 | 28 | 1.0 |
| 159 | Miami 949LL | 58 | / | 128 | 46 | 1.0 |
| 71 | Schillinger 478.RCS | 58 | 56 | 131 | 29 | 1.0 |
| 147 | Dyna-Gro 33G48 | 57 | 53 | 129 | 31 | 1.0 |
| 39 | Morsoy Xtra 47X31 | 57 | / | 128 | 35 | 1.0 |
| 123 | S46-A1 Brand | 57 | / | 123 | 32 | 1.0 |
| 74 | HALO 4:75 | 57 | / | 123 | 38 | 1.0 |
| 75 | HALO 4:94 | 57 | 52 | 128 | 46 | 1.0 |
| 2 | Delta Grow 4970RR | 56 | 54 | 130 | 35 | 1.0 |
| 97 | Progeny 4928LL | 56 | 53 | 131 | 43 | 1.3 |
| 37 | HBK R4829 | 55 | 52 | 130 | 27 | 1.0 |
| 125 | Rev® 48R22TM | 55 | 49 | 123 | 27 | 1.0 |
| 96 | Progeny 4911Ry | 55 | / | 127 | 51 | 1.8 |
| 32 | S49-H7 Brand | 55 | 53 | 131 | 36 | 1.0 |
| 72 | GoSoy 4810 LL | 55 | / | 123 | 39 | 1.0 |
| 140 | Rev® 47R22TM | 54 | 49 | 126 | 40 | 1.0 |
| 51 | USG 74E88 | 54 | / | 123 | 35 | 1.0 |
| 143 | Armor X1210 | 54 | / | 128 | 33 | 1.0 |
| 144 | Armor X1211 | 54 | 52 | 128 | 35 | 1.0 |
| 131 | Rev® 48R33TM | 53 | / | 123 | 35 | 1.0 |
| 76 | HBK R4830 | 53 | / | 128 | 39 | 1.0 |
| 124 | Delta Grow 4861LL | 50 | 45 | 123 | 34 | 1.0 |
| 21 | UA 4910 | 46 | 45 | 126 | 31 | 1.0 |
| LSD (P=.05) | | 8.0 | | 3.7 | 9.0 | 0.4 |
| CV% | | 9.1 | | 1.5 | 13.2 | 18.7 |
| Grand Mean | | 60.4 | | 127.0 | 34.2 | 1.0 |

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down

**Table 15. Performance of Maturity Group V
Soybean Varieties at the Northeast Research Station in 2011.**

| Entry No. | Entry Name | 2010/2011 | | | Plant | |
|-----------|--------------------------|--------------------|------------------|-----------------------|---------------------|----------------------|
| | | Yield ^a | Avg ^a | Maturity ^b | Height ^c | Lodging ^d |
| 136 | Rev [®] 51R53TM | 64 | / | 136 | 31 | 1.0 |
| 52 | Pioneer 95Y10 | 60 | / | 137 | 37 | 1.0 |
| 16 | Pioneer 95Y31 | 59 | 52 | 133 | 29 | 1.0 |
| 160 | Dyna-Gro 37RY52 | 58 | 50 | 136 | 24 | 1.0 |
| 27 | AG5332 | 57 | / | 141 | 33 | 1.0 |
| 14 | Pioneer 95Y01 | 57 | 52 | 133 | 37 | 1.0 |
| 113 | Progeny 5330RR | 57 | 54 | 139 | 31 | 1.0 |
| 20 | Osage | 56 | 53 | 138 | 21 | 1.0 |
| 87 | Dyna-Gro 32RY55 | 56 | / | 137 | 25 | 1.0 |
| 44 | HBK R5529 | 55 | 53 | 143 | 20 | 1.0 |
| 53 | Pioneer 95Y50 | 55 | / | 139 | 26 | 1.0 |
| 26 | AG5232 | 55 | / | 133 | 23 | 1.0 |
| 111 | Progeny 5811RY | 54 | / | 139 | 27 | 1.0 |
| 127 | Dyna-Gro 35P53 | 54 | 54 | 137 | 24 | 1.0 |
| 47 | Morsoy 5168 | 54 | 52 | 137 | 40 | 1.0 |
| 80 | HBK RY5121 | 54 | / | 133 | 21 | 1.0 |
| 83 | HBK RY5521 | 54 | / | 140 | 26 | 1.0 |
| 106 | Progeny 5210RY | 54 | 49 | 137 | 24 | 1.0 |
| 6 | DeltaGrow 5280RR | 54 | 49 | 143 | 24 | 1.0 |
| 28 | AG5632 | 54 | / | 141 | 25 | 1.0 |
| 137 | Rev [®] 56R63TM | 54 | / | 139 | 29 | 1.0 |
| 93 | DeltaGrow 5565R2Y | 53 | / | 140 | 24 | 1.0 |
| 150 | Armor X1216 | 53 | / | 133 | 19 | 1.0 |
| 33 | S54-V4 Brand | 53 | / | 142 | 22 | 1.0 |
| 56 | DeltaGrow 5625R2Y | 53 | / | 139 | 26 | 1.0 |
| 110 | Progeny 5711RY | 53 | / | 141 | 27 | 1.0 |
| 109 | Progeny 5610RY | 52 | 47 | 139 | 23 | 1.0 |
| 154 | Armor 53-R15 | 52 | 48 | 135 | 24 | 1.0 |
| 161 | Dyna-Gro 35F55 | 52 | 51 | 141 | 27 | 1.0 |
| 29 | AG5831 | 51 | 49 | 141 | 21 | 1.0 |
| 118 | USG 75J90R | 51 | / | 137 | 22 | 1.0 |
| 120 | DeltaGrow 5656R2Y EX | 51 | / | 136 | 22 | 1.0 |
| 152 | Armor 55-R22 | 51 | 49 | 140 | 22 | 1.0 |
| 46 | DeltaGrow 5545RR | 51 | / | 143 | 27 | 1.0 |
| 65 | AGS 554 RR | 51 | 50 | 141 | 23 | 1.0 |
| 108 | Progeny 5655RY | 50 | / | 133 | 29 | 1.0 |
| 153 | Armor DK 5363 | 50 | / | 143 | 26 | 1.0 |
| 81 | HBK RY5220 | 50 | 49 | 133 | 27 | 1.0 |
| 91 | Dyna-Gro 39RY57 | 50 | / | 138 | 27 | 1.0 |
| 78 | HALO 5:25 | 50 | 49 | 136 | 18 | 1.0 |
| 5 | DeltaGrow 5300RR | 50 | 48 | 139 | 26 | 1.0 |
| 50 | USG 75Z98 | 49 | / | 142 | 28 | 1.0 |

| | | | | | | |
|-------------|----------------------|------|----|-------|------|-----|
| 4 | DeltaGrow 5160RR | 49 | / | 133 | 35 | 1.0 |
| 121 | DeltaGrow 5110R2Y EX | 49 | / | 135 | 52 | 1.0 |
| 157 | DeltaGrow 5275R2Y | 49 | 48 | 133 | 22 | 1.0 |
| 15 | Pioneer 95Y20 | 49 | 45 | 137 | 23 | 1.0 |
| 119 | DeltaGrow 5252R2Y EX | 49 | / | 133 | 19 | 1.0 |
| 126 | Rev® 57R21TM | 49 | 51 | 137 | 30 | 1.0 |
| 115 | Progeny 5460LL | 49 | 48 | 135 | 44 | 1.0 |
| 79 | HALO 5:65 | 49 | 48 | 142 | 24 | 1.0 |
| 92 | GoSoy 5911 LL | 49 | / | 143 | 22 | 1.0 |
| 55 | DeltaGrow 5555RR | 48 | 50 | 141 | 26 | 1.0 |
| 90 | Morsoy Xtra 53X51 | 48 | / | 138 | 23 | 1.0 |
| 151 | Armor X1217 | 48 | / | 133 | 22 | 1.0 |
| 116 | Progeny 5960LL | 48 | 48 | 141 | 27 | 1.0 |
| 117 | USG 75Z38 | 48 | / | 142 | 25 | 1.0 |
| 17 | Pioneer 95Y70 | 48 | 51 | 143 | 31 | 1.0 |
| 45 | HBK R5226 | 48 | 48 | 139 | 22 | 1.0 |
| 148 | Armor X1213 | 48 | / | 133 | 22 | 1.0 |
| 67 | AGS 597 RR | 48 | 49 | 142 | 22 | 1.0 |
| 68 | Shillinger 5220.RC | 48 | / | 136 | 33 | 1.0 |
| 105 | Progeny 5111RY | 48 | / | 133 | 23 | 1.0 |
| 48 | Morsoy 5429 | 48 | 48 | 141 | 27 | 1.0 |
| 64 | GoSoy 6111 LL | 47 | / | 138 | 25 | 1.0 |
| 61 | Schillinger 557.RC | 47 | 44 | 141 | 21 | 1.0 |
| 62 | GoSoy 5111 LL | 47 | / | 133 | 22 | 1.0 |
| 69 | AGS 6011 LL | 47 | / | 139 | 24 | 1.0 |
| 82 | HBK RY5421 | 47 | / | 133 | 20 | 1.0 |
| 63 | AGS 5911 LL | 47 | / | 142 | 26 | 1.0 |
| 66 | AGS 568 RR | 47 | 43 | 142 | 23 | 1.0 |
| 89 | Morsoy Xtra 51X11 | 46 | / | 139 | 25 | 1.0 |
| 19 | Ozark | 46 | 46 | 133 | 23 | 1.0 |
| 112 | Progeny 5160LL | 46 | 46 | 142 | 18 | 1.0 |
| 57 | DeltaGrow 5461LL | 45 | 46 | 133 | 44 | 1.0 |
| 114 | Progeny 5261LL | 45 | / | 139 | 25 | 1.0 |
| 34 | S57-K3 Brand | 45 | 46 | 143 | 25 | 1.0 |
| 149 | Armor X1215 | 45 | / | 141 | 30 | 1.0 |
| 43 | HBK R5525 | 44 | 43 | 142 | 24 | 1.0 |
| 158 | Whitney 1154LL | 44 | / | 133 | 42 | 1.0 |
| 35 | S56-G6 Brand | 43 | / | 142 | 20 | 1.0 |
| 107 | Progeny 5321RY | 43 | / | 135 | 53 | 1.0 |
| 49 | AG5832 | 42 | / | 141 | 53 | 2.0 |
| 128 | USG ALLEN RR | 42 | / | 143 | 26 | 1.0 |
| LSD (P=.05) | | 5.7 | | 4.3 | 3.6 | na |
| CV% | | 8.1 | | 1.6 | 6.8 | na |
| Grand Mean | | 50.2 | | 138.0 | 26.8 | 1.0 |

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down