

BLACK WALNUT CULTIVARS
with greater than 35% kernel to shell ratios
Nebraska Evaluations 1987-1996

| <u>Source</u> | <u>Cultivar</u> | <u>Grams per Nut</u> | <u>Grams of Kernel/ Nut</u> | <u>% Kernel</u> | <u>Nuts per Lb.</u> | <u>Lbs. of Nuts per Lb. of Kernel</u> | <u>Score</u> | <u>Rank</u> |
|-----------------------------|-----------------|----------------------|-----------------------------|-----------------|---------------------|---------------------------------------|--------------|-------------|
| 1987 | | | | | | | | |
| Baker (MO) | Emma K | 16.00 | 6.0 | 37.50 | 28.35 | 2.666 | 234 | 2 |
| Bentley (NE) | Krouse | 12.80 | 4.6 | 35.94 | 35.44 | 2.783 | 200 | 4 |
| 1988 | | | | | | | | |
| No cultivar scored over 35% | | | | | | | | |
| 1989 | | | | | | | | |
| Bauman (OH) | Myers | 15.60 | 5.66 | 36.28 | 29.08 | 2.756 | 259 | 1 |
| Bauman (OH) | Emma K | 18.00 | 6.70 | 37.22 | 25.20 | 2.686 | 248 | 2 |
| Gardner (MO) | Emma K | 18.40 | 6.52 | 35.43 | 24.65 | 2.822 | 221 | 4 |
| 1990 | | | | | | | | |
| UNL, M-7 (NE) | Sparks 147 | 17.15 | 6.07 | 35.39 | 26.45 | 2.825 | 236 | 3 |
| 1991 | | | | | | | | |
| UNL L-9 (NE) | Sparks 147 | 17.20 | 6.64 | 38.58 | 26.37 | 2.590 | 276 | 1 |
| UNL O-5 (NE) | Wrights G-4 | 19.67 | 7.10 | 36.08 | 23.06 | 2.770 | 258 | 2 |
| Lane (MO) | Jackson | 13.38 | 4.85 | 36.29 | 33.90 | 2.759 | 242 | 6 |
| UNL M-7 (NE) | Sparks 147 | 13.43 | 5.06 | 37.67 | 33.77 | 2.654 | 222 | 9 |
| 1992 | | | | | | | | |
| UNL P-7 (NE) | Sparks 127 | 12.00 | 4.46 | 37.26 | 37.80 | 2.691 | 233 | 3 |
| 1993 | | | | | | | | |
| Lane (MO) | Sparks 127 | 17.34 | 6.19 | 35.68 | 26.16 | 2.801 | 223 | 2 |
| UNL M-7 (NE) | Sparks 147 | 16.00 | 6.14 | 38.41 | 28.35 | 2.606 | 202 | 8 |
| UNL L-3 (NE) | Sparks 127 | 11.55 | 4.11 | 35.58 | 39.27 | 2.810 | 198 | 9 |
| UNL L-1 (NE) | Sparks 127 | 11.40 | 4.26 | 37.36 | 39.79 | 2.610 | 197 | 10 |
| UNL L-9 (NE) | Sparks 147 | 15.07 | 5.77 | 38.29 | 30.10 | 2.806 | 191 | 12 |
| UNL O-5 (NE) | Wright's G-4 | 13.90 | 4.94 | 35.51 | 32.63 | 2.814 | 178 | 26 |
| 1994 | | | | | | | | |
| UNL P-3 (NE) | Myers | 16.06 | 5.62 | 35.00 | 28.24 | 2.858 | 233 | 2 |
| UNL P-7 (NE) | Sparks 127 | 15.34 | 5.40 | 35.20 | 29.57 | 2.841 | 207 | 7 |
| 1995 | | | | | | | | |
| Lane (MO) | Emma K | 15.91 | 5.72 | 35.94 | 28.51 | 2.781 | 239 | 2 |
| UNL L-9 (NE) | Sparks 147 | 14.19 | 5.06 | 35.65 | 31.97 | 2.804 | 178 | 16 |
| 1996 | | | | | | | | |
| Lane (MO) | Emma K | 17.67 | 7.00 | 37.92 | 25.67 | 2.524 | 253 | 1 |
| Lane (MO) | Sauber I | 13.74 | 4.84 | 35.19 | 33.01 | 2.839 | 207 | 5 |
| L. Hay (MO) | Myers | 13.88 | 5.28 | 38.01 | 32.68 | 2.629 | 165 | 23 |

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Nebraska Evaluations 1987-1996

| <u>Source</u> | <u>Cultivar</u> | <u>Grams per nut</u> | <u>% K</u> | <u>Score</u> | <u>Rank</u> |
|-----------------------------|-----------------|----------------------|------------|--------------|-------------|
| 1987 | | | | | |
| Baker (MO) | Emma K | 16 | 37.50 | 234 | 2 |
| Bentley (NE) | Krouse | 12.8 | 35.94 | 200 | 4 |
| 1988 | | | | | |
| No cultivar scored over 35% | | | | | |
| 1989 | | | | | |
| Bauman (OH) | Myers | 15.6 | 36.28 | 259 | 1 |
| Bauman (OH) | Emma K | 18 | 37.22 | 248 | 2 |
| Gardner (MO) | Emma K | 18.4 | 35.43 | 221 | 4 |
| 1990 | | | | | |
| UNL, M-7 (NE) | Sparks 147 | 17.15 | 35.39 | 236 | 3 |
| 1991 | | | | | |
| UNL L-9 (NE) | Sparks-147 | 17.2 | 38.58 | 276 | 1 |
| UNL O-5 (NE) | Wrights G-4 | 19.67 | 36.08 | 258 | 2 |
| Lane (MO) | Jackson | 13.38 | 36.29 | 242 | 6 |
| UNL M-7 (NE) | Sparks 147 | 13.43 | 37.67 | 222 | 9 |
| 1992 | | | | | |
| UNL P-7 (NE) | Sparks-127 | 12.0 | 37.26 | 233 | 3 |
| 1993 | | | | | |
| Lane (MO) | Sparks-127 | 17.34 | 35.68 | 223 | 2 |
| UNL M-7 (NE) | Sparks-147 | 16.0 | 38.41 | 202 | 8 |
| UNL L-3 (NE) | Sparks-127 | 11.55 | 35.58 | 198 | 9 |
| UNL L-1 (NE) | Sparks-127 | 11.4 | 37.36 | 197 | 10 |
| UNL L-9 (NE) | Sparks-147 | 15.07 | 38.29 | 191 | 12 |
| UNL 0-5 (NE) | Wright's G-4 | 13.9 | 35.51 | 178 | 26 |
| 1994 | | | | | |
| UNL P-3 (NE) | Myers | 16.06 | 35.00 | 233 | 2 |
| UNL P-7 (NE) | Sparks-127 | 15.34 | 35.20 | 207 | 7 |
| 1995 | | | | | |
| Lane (MO) | Emma K | 15.91 | 35.94 | 239 | 2 |
| UNL L-9 (NE) | Sparks-147 | 14.19 | 35.65 | 178 | 16 |
| 1996 | | | | | |
| Lane (MO) | Emma K | 17.67 | 37.92 | 253 | 1 |
| Lane (MO) | Sauber I | 13.74 | 35.19 | 207 | 5 |
| L. Hay (MO) | Myers | 13.88 | 38.01 | 165 | 23 |