Performance of Corn Hybrids in Alabama, 1985

December 1985
Department of Agronomy and Soils   Departmental Series No. 105
Alabama Agricultural Experiment Station   Auburn University
David H. Teem, Acting Director   Auburn University, Alabama
# Table of Contents

## Introduction

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

## Acknowledgment

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

## Table 1. Locations and Cultural Practices for the 1985 Corn Hybrid Tests

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

### Northern Alabama

## Table 2. Two-and Three-Year Yield and Lodging Averages for Northern Alabama, 1983-85

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

## Table 3. 1985 Yield of Corn Hybrids by Location and Regional Averages of Hybrid Characteristics in Northern Alabama

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
</tr>
</tbody>
</table>

### Central Alabama

## Table 4. Two- and Three-Year Yield and Lodging Average for Central Alabama, 1983-85

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
</tr>
</tbody>
</table>

## Table 5. 1985 Yield of Corn Hybrids by Location and Regional Averages of Hybrid Characteristics in Central Alabama

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

### Southern Alabama

## Table 6. Two- and Three-Year Yield and Lodging Averages for Southern Alabama, 1983-85

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

## Table 7. 1985 Yield of Corn Hybrids by Location and Regional Averages of Hybrid Characteristics in Southern Alabama

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

### Black Belt

## Table 8. Black Belt Corn Hybrid/Virus Test 1983-85

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
</tr>
</tbody>
</table>

## Viral Disease Reactions of Some Hybrids in 1985

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
</tr>
</tbody>
</table>

### Procedure

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
</tr>
</tbody>
</table>

### Results

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
</tr>
</tbody>
</table>

## Table 9. Incidence of Viral Diseases in Regular Corn Hybrid Tests, Marion Junction, August 2, 1985

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
</tr>
</tbody>
</table>
IRRIGATED TESTS

Table 10. Irrigated Corn Hybrid Performance and Characteristics, Headland, 1983-85 ........................................ 16

WHITE CORN

Table 11. White Corn Hybrid Test, Northern Alabama, 1983-85 .......... 17
Table 12. White Corn Hybrid Test, Central Alabama, 1983-85 .......... 18
Table 13. White Corn Hybrid Test, Southern Alabama, 1983-85 .......... 19

EARLY CORN

Table 14. Early Corn Hybrid Test, Northern Alabama, 1983-85 .......... 20
Table 15. Early Corn Hybrid Test, Central Alabama, 1983-85 .......... 21
Table 16. Early Corn Hybrid Test, Southern Alabama, 1983-85 .......... 22

PRELIMINARY TESTS ........................................... 23

Table 17. Characteristics of Corn Hybrids Tested One Year at Crossville in Northern Alabama, 1985 ............... 23
Table 18. Characteristics of Corn Hybrids Tested One Year at Tallassee in Central Alabama, 1985 ............... 24
Table 19. Characteristics of Corn Hybrids Tested One Year at Fairhope in Southern Alabama, 1985 ............... 25

SOURCES OF 1985 CORN HYBRID TEST SEED ................. 26
ACCEPTABLE HYBRIDS FOR 1986 .................................... 27

Information contained herein is available to all persons regardless of race, color, sex or national origin
INTRODUCTION

Corn hybrids are evaluated annually by the Alabama Agricultural Experiment Station in the Regular Corn Hybrid Test and the Preliminary Corn Test on a northern, central, and southern regional basis. The Marion Junction, or Black Belt Substation, corn test is used as the prairie soil regional comparison. Entries in the preliminary tests are both experimental and newly released hybrids. If a hybrid is outstanding in the preliminary test, it is entered in the regular corn test the following year. White and early corn hybrids are tested at one location in each region. One regular and one white corn hybrid test are irrigated at Headland in southern Alabama.

The locations and cultural practices for the tests are shown in Table 1.

The tests were designed as a randomized complete block with four replications. Row width was 36 to 40 inches depending on location. Two-row plots were used, with row length ranging from 20 to 30 feet depending, again, on location. The target plant population for the tests was 20,000 plants per acre with a seeding rate of 23,000 seeds per acre. The irrigated tests at Headland were seeded at a rate of 30,000 plants per acre and thinned to 25,000.

Grain yields were adjusted to 15.5 percent moisture and converted to bushels (56 pounds) per acre. Stalks broken or leaning more than 45

---

1 Respectively, Professor and Research Associate (resigned) of Agronomy and Soils.
degrees were considered lodged. The mid-silk data measured the number of days from planting until one-half of the plants in the plots were showing silks.

Bushel test weights are reported as regional averages from this year's data. Grain and husk quality ratings are given as a regional average of the 1984 tests. The ratings were based on a 1 = excellent to a 5 = very poor system.

The corn hybrid tests are examined for disease incidence each year by R.T. Gudauskas, Professor of Botany, Plant Pathology, and Microbiology. When virus or other disease symptoms indicate crop damage, disease ratings are compiled and published in this report. Virus infection data from the test at Marion Junction are reported this year.

To aid in determining real yield differences, a statistical analysis of variance is performed on the data from each location. The L.S.D. (least significant difference) and C.V. (coefficient of variation) are given for each location's 1984 test. The difference in yield of two hybrids must exceed the L.S.D. value for one hybrid to be considered superior to the others in yield in that particular test. The C.V. is a measure of the variability in an experiment. An increase in its value indicates an increase in the unaccounted for variability.

Since the performance of hybrids varies with location and year, long-term averages from several locations are more reliable than 1-year performance. Three-year regional averages are considered a reliable evaluation of the relative performance of hybrids.
A committee comprised of Department of Agronomy and Soils and Alabama Cooperative Extension Service personnel involved in corn research reviewed the past 3 years of corn hybrid test data to assemble the list of acceptable hybrids on page 26.

The recommended hybrids are not all equal in performance. Some are outstanding in one or more characteristics; while others may not be obviously outstanding, they might possess a satisfactory combination of all characteristics.
ACKNOWLEDGMENTS

Appreciation is expressed to the following station superintendents and their staffs. It is their quality work which makes this a reliable source of information for farmers in their areas.

Northern Alabama

Tennessee Valley Substation, Belle Mina - W. B. Webster
Sand Mountain Substation, Crossville - J. T. Eason
Upper Coastal Plain Substation, Winfield - R. A. Moore, Jr.

Central Alabama

Black Belt Substation, Marion Junction - L. A. Smith (retired) and H.W. Grimes
Prattville Experiment Field - D. P. Moore
E. V. Smith Research Center, Shorter - W.B. Gordon
Plant Breeding Unit, Tallassee - S. P. Nightengale

Southern Alabama

Brewton Experiment Field - J. R. Akridge
Monroeville Experiment Field - J. R. Akridge
Gulf Coast Substation, Fairhope - E. L. Carden
Wiregrass Substation, Headland - J. G. Starling (retired) and H.W. Ivey

Appreciation is also expressed to the following people:

W. H. Hearn and Mrs. Sally Bagwell, Research Data Analysis, for the computation, summarization, and analysis of the data in this report,
R. T. Gudauskas, Professor and Acting Head of Botany, Plant Pathology, and Microbiology, for making virus ratings and the virus disease reactions in this report, and Mrs. Linda Bankston, Department of Agronomy and Soils, for the coordination of this report.
### Table 1. Locations and Cultural Practices for the 1985 Corn Hybrids

<table>
<thead>
<tr>
<th>Location</th>
<th>Planting date</th>
<th>Nitrogen rate</th>
<th>Plant population</th>
<th>Date harvested</th>
<th>Herbicides used</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Northern Alabama</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tennessee Valley Substation (Belle Mina)</td>
<td>April 4</td>
<td>150</td>
<td>20,000</td>
<td>August 23</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Sand Mountain Substation (Crossville)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular test</td>
<td>April 11</td>
<td>150</td>
<td>20,000</td>
<td>September 13</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>Preliminary test</td>
<td>April 10</td>
<td>150</td>
<td>20,000</td>
<td>September 17</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>White corn test</td>
<td>April 11</td>
<td>150</td>
<td>20,000</td>
<td>September 17</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>Early corn test</td>
<td>April 10</td>
<td>150</td>
<td>20,000</td>
<td>August 29</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>Upper Coastal Plain Substation (Winfield)</td>
<td>April 3</td>
<td>160</td>
<td>20,000</td>
<td>August 29</td>
<td>Atrazine</td>
</tr>
<tr>
<td><strong>Central Alabama</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.V. Smith Research Center (Shorter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early corn test</td>
<td>March 8</td>
<td>120</td>
<td>20,000</td>
<td>August 1</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>White corn test</td>
<td>March 8</td>
<td>120</td>
<td>20,000</td>
<td>August 1</td>
<td>Atrazine + Dual</td>
</tr>
<tr>
<td>Plant Breeding Unit (Tallassee)</td>
<td>April 9</td>
<td>120</td>
<td>20,000</td>
<td>September 4</td>
<td>None</td>
</tr>
<tr>
<td>Prattville Experiment Field (Prattville)</td>
<td>March 20</td>
<td>120</td>
<td>20,000</td>
<td>August 19</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Black Belt Substation (Marion Junction)</td>
<td>March 29</td>
<td>120</td>
<td>20,000</td>
<td>August 27</td>
<td>Atrazine + Paraquat</td>
</tr>
<tr>
<td><strong>Southern Alabama</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brewton Experiment Field (Brewton)</td>
<td>March 20</td>
<td>125</td>
<td>20,000</td>
<td>September 9</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Monroeville Experiment Field (Monroeville)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular test</td>
<td>March 20</td>
<td>120</td>
<td>20,000</td>
<td>September 12</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Date of Planting 1</td>
<td>March 8</td>
<td>120</td>
<td>20,000</td>
<td>September 19</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Date of Planting 2</td>
<td>April 4</td>
<td>120</td>
<td>20,000</td>
<td>September 19</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Date of Planting 3</td>
<td>May 15</td>
<td>120</td>
<td>20,000</td>
<td>September 19</td>
<td>Atrazine</td>
</tr>
<tr>
<td>Lower Coastal Plain Substation (Camden)</td>
<td>March 29</td>
<td>120</td>
<td>20,000</td>
<td>August 27</td>
<td>Atrazine + Sutan</td>
</tr>
<tr>
<td>Wiregrass Substation (Headland)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular test (unirrigated)</td>
<td>March 26</td>
<td>120</td>
<td>20,000</td>
<td>September 9</td>
<td>Atrazine + Lasso</td>
</tr>
<tr>
<td>Regular test (irrigated)</td>
<td>March 26</td>
<td>200</td>
<td>25,000</td>
<td>September 9</td>
<td>Atrazine + Lasso</td>
</tr>
<tr>
<td>White corn test (irrigated)</td>
<td>March 26</td>
<td>200</td>
<td>25,000</td>
<td>September 9</td>
<td>Atrazine + Lasso</td>
</tr>
<tr>
<td>Gulf Coast Substation (Fairhope)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular test</td>
<td>March 19</td>
<td>150</td>
<td>20,000</td>
<td>August 19</td>
<td>Lasso + Bladex</td>
</tr>
<tr>
<td>Preliminary test</td>
<td>March 19</td>
<td>150</td>
<td>20,000</td>
<td>August 20</td>
<td>Lasso + Bladex</td>
</tr>
<tr>
<td>Early corn test</td>
<td>March 11</td>
<td>150</td>
<td>20,000</td>
<td>August 19</td>
<td>Atrazine + Lasso</td>
</tr>
</tbody>
</table>

1/ Pounds per acre N. Lime, phosphorus, potassium, zinc, and sulfur were applied according to recommendation based on soil test.
TABLE 2. TWO- AND THREE-YEAR YIELD AND LodGING AVERAGES FOR NORTHERN ALABAMA, 1983-85

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE AVERAGE</th>
<th>LODGED STALKS AVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIONEER 3147</td>
<td>126</td>
<td>146</td>
</tr>
<tr>
<td>PIONEER 3320</td>
<td>126</td>
<td>144</td>
</tr>
<tr>
<td>PIONEER 3187</td>
<td>123</td>
<td>135</td>
</tr>
<tr>
<td>DEKALB T 1230</td>
<td>123</td>
<td>140</td>
</tr>
<tr>
<td>MCCurdy 8150</td>
<td>121</td>
<td>136</td>
</tr>
<tr>
<td>Ring Around 1502</td>
<td>121</td>
<td>134</td>
</tr>
<tr>
<td>Mccurydy 844A</td>
<td>120</td>
<td>133</td>
</tr>
<tr>
<td>Jacques JX 180</td>
<td>120</td>
<td>129</td>
</tr>
<tr>
<td>Funks G-4507A</td>
<td>120</td>
<td>132</td>
</tr>
<tr>
<td>Northrup King PX 95</td>
<td>120</td>
<td>142</td>
</tr>
<tr>
<td>Jacques JX 247</td>
<td>119</td>
<td>135</td>
</tr>
<tr>
<td>Funks G-4522</td>
<td>118</td>
<td>132</td>
</tr>
<tr>
<td>Coker 19A</td>
<td>117</td>
<td>129</td>
</tr>
<tr>
<td>Funks G-4733</td>
<td>117</td>
<td>132</td>
</tr>
<tr>
<td>Northrup King PX 87</td>
<td>117</td>
<td>131</td>
</tr>
<tr>
<td>Coker 21</td>
<td>116</td>
<td>132</td>
</tr>
<tr>
<td>Pioneer 3165</td>
<td>-</td>
<td>150</td>
</tr>
<tr>
<td>Asgrow/O'S Gold 2570</td>
<td>-</td>
<td>136</td>
</tr>
<tr>
<td>Northrup King PX 9581</td>
<td>-</td>
<td>134</td>
</tr>
<tr>
<td>Jacques 8400</td>
<td>-</td>
<td>133</td>
</tr>
<tr>
<td>Asgrow/O'S Gold 5509</td>
<td>-</td>
<td>133</td>
</tr>
<tr>
<td>Golden Harvest H-2675</td>
<td>-</td>
<td>132</td>
</tr>
<tr>
<td>Paymaster 8990</td>
<td>-</td>
<td>131</td>
</tr>
<tr>
<td>FFR 848</td>
<td>-</td>
<td>127</td>
</tr>
<tr>
<td>Asgrow/O'S Gold RX 777</td>
<td>-</td>
<td>125</td>
</tr>
</tbody>
</table>

1Bellie Mina, Crossville, and Winfield.
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>DILLE MINA</th>
<th>CROSSVILLE</th>
<th>WINFIELD</th>
<th>1985 REGIONAL AVERAGES</th>
<th>1985 YIELD</th>
<th>LODGED TEST</th>
<th>MID-HUSK</th>
<th>GRAIN PER. ACRE</th>
<th>STEALS</th>
<th>WIGHT</th>
<th>SILL</th>
<th>RATING</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHROP KING PX 75</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>3.1</td>
<td>54.0</td>
<td>6-22</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3295</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>2.3</td>
<td>55.6</td>
<td>6-21</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3155</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>2.6</td>
<td>56.6</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUNBELT 1832</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.0</td>
<td>55.3</td>
<td>6-21</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCLUREY 6172</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>1.7</td>
<td>53.8</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 1 27 Y</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>110</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3280</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>2.7</td>
<td>55.7</td>
<td>6-17</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUNBELT 1832</td>
<td>117</td>
<td>117</td>
<td>117</td>
<td>117</td>
<td>2.3</td>
<td>55.1</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCLUREY 9150</td>
<td>118</td>
<td>118</td>
<td>118</td>
<td>118</td>
<td>2.1</td>
<td>55.5</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYMASTER 2090</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>1.7</td>
<td>54.0</td>
<td>6-18</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KING ARROW 1502</td>
<td>112</td>
<td>112</td>
<td>112</td>
<td>112</td>
<td>1.7</td>
<td>54.0</td>
<td>6-18</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAGRAITH GC 600</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>1.7</td>
<td>54.0</td>
<td>6-18</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAUFFER S 45000</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>1.7</td>
<td>54.0</td>
<td>6-18</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 1 27 Y</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>113</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4501A</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4522</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGROHAT'S GOLD 2570</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 9581</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-6069</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES 7900</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LUKER 19A</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4733</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCLUREY 844A</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LUKER 21</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2615</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGROHAT'S GOLD 5509</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 81</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES 8400</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYMASTER 8970</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES JX 247</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2683</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAUFFER S 1179</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGROHAT'S GOLD RX 777</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DLKALB DK 656</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IER 848</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES JX 190</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>116</td>
<td>2.1</td>
<td>53.3</td>
<td>6-20</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>133.8</td>
<td>161.5</td>
<td>166.5</td>
<td>112</td>
<td>14.0</td>
<td>16.2</td>
<td>16.2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Test Averages:**
- **L.S.D. at 0.05:** 11.2
- **L.S.D. at 0.01:** 14.3

1 = EXCELLENT; 5 = VERY PUNK.
TABLE 4. TWO- AND THREE-YEAR YIELD AND LODGING AVERAGES FOR CENTRAL ALABAMA, 1983-85

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>3-YR.</th>
<th>2-YR.</th>
<th>3-YR.</th>
<th>2-YR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIONEER 3320</td>
<td>97</td>
<td>89</td>
<td>12.0</td>
<td>18.0</td>
</tr>
<tr>
<td>PIONEER 3165</td>
<td>94</td>
<td>89</td>
<td>8.7</td>
<td>12.5</td>
</tr>
<tr>
<td>PIONEER 3147</td>
<td>87</td>
<td>82</td>
<td>10.8</td>
<td>14.3</td>
</tr>
<tr>
<td>NORTHRUP KING PX 87</td>
<td>85</td>
<td>71</td>
<td>17.2</td>
<td>23.3</td>
</tr>
<tr>
<td>MCCURDY 8150</td>
<td>84</td>
<td>69</td>
<td>13.0</td>
<td>19.0</td>
</tr>
<tr>
<td>JACQUES JX 247</td>
<td>83</td>
<td>66</td>
<td>15.2</td>
<td>21.8</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2580</td>
<td>83</td>
<td>69</td>
<td>14.5</td>
<td>21.3</td>
</tr>
<tr>
<td>COKER 21</td>
<td>81</td>
<td>63</td>
<td>14.0</td>
<td>20.0</td>
</tr>
<tr>
<td>FUNKS G-4733</td>
<td>80</td>
<td>66</td>
<td>5.5</td>
<td>8.3</td>
</tr>
<tr>
<td>MCCURDY 84AA</td>
<td>79</td>
<td>62</td>
<td>15.0</td>
<td>21.5</td>
</tr>
<tr>
<td>JACQUES JX 180</td>
<td>79</td>
<td>65</td>
<td>16.2</td>
<td>22.8</td>
</tr>
<tr>
<td>FUNKS G-4522</td>
<td>75</td>
<td>62</td>
<td>12.2</td>
<td>17.8</td>
</tr>
<tr>
<td>RING AROUND 1502</td>
<td>73</td>
<td>63</td>
<td>11.2</td>
<td>16.8</td>
</tr>
<tr>
<td>PAYMASTER 8951</td>
<td>74</td>
<td>61</td>
<td>13.8</td>
<td>20.3</td>
</tr>
<tr>
<td>COKER 19A</td>
<td>72</td>
<td>58</td>
<td>17.5</td>
<td>23.3</td>
</tr>
<tr>
<td>AGRATECH GK 868</td>
<td>71</td>
<td>63</td>
<td>11.3</td>
<td>16.0</td>
</tr>
<tr>
<td>JACQUES 8400</td>
<td>-</td>
<td>81</td>
<td>-</td>
<td>14.5</td>
</tr>
<tr>
<td>MCCURDY 8172</td>
<td>-</td>
<td>76</td>
<td>-</td>
<td>10.3</td>
</tr>
<tr>
<td>ASGROW/O'S GOLDS 2570</td>
<td>-</td>
<td>75</td>
<td>-</td>
<td>22.5</td>
</tr>
<tr>
<td>DEKALB T 1230</td>
<td>-</td>
<td>70</td>
<td>-</td>
<td>23.8</td>
</tr>
<tr>
<td>NORTHRUP KING PX 9581</td>
<td>-</td>
<td>67</td>
<td>-</td>
<td>16.8</td>
</tr>
<tr>
<td>ASGROW/O'S GOLDS 5509</td>
<td>-</td>
<td>65</td>
<td>-</td>
<td>21.0</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2575</td>
<td>-</td>
<td>64</td>
<td>-</td>
<td>15.5</td>
</tr>
<tr>
<td>FFR 955</td>
<td>-</td>
<td>62</td>
<td>-</td>
<td>18.3</td>
</tr>
<tr>
<td>PAYMASTER 8990</td>
<td>-</td>
<td>55</td>
<td>-</td>
<td>14.5</td>
</tr>
<tr>
<td>BRAND NAME-HYBRID</td>
<td>PRATTVILLE</td>
<td>CAMDEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------------</td>
<td>--------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 9165</td>
<td>29</td>
<td>125</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUNNEL 1876</td>
<td>54</td>
<td>124</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3420</td>
<td>60</td>
<td>92</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUNNEL 1860</td>
<td>39</td>
<td>95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCCREADY 8172</td>
<td>46</td>
<td>87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3144</td>
<td>40</td>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES 8400</td>
<td>52</td>
<td>74</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 27 Y</td>
<td>43</td>
<td>76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAUFFER 3500</td>
<td>54</td>
<td>64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRIMAX'5 GOLDS 2510</td>
<td>60</td>
<td>51</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FONKS G-413</td>
<td>48</td>
<td>76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KELAB 1 1230</td>
<td>51</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2680</td>
<td>48</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES JX 241</td>
<td>38</td>
<td>64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3055</td>
<td>36</td>
<td>66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCCREADY 8150</td>
<td>47</td>
<td>53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 201</td>
<td>54</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRIMAX'5 GOLDS 5509</td>
<td>48</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COKER 21</td>
<td>47</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 87</td>
<td>42</td>
<td>46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FONKS G-4522</td>
<td>53</td>
<td>34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FD 955</td>
<td>42</td>
<td>43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GR 811</td>
<td>45</td>
<td>41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 22 Y</td>
<td>49</td>
<td>33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUNNEL 1902</td>
<td>42</td>
<td>38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P-A-G SK 334</td>
<td>44</td>
<td>35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KING AROUND 1502</td>
<td>40</td>
<td>31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYMASTER 7990</td>
<td>51</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCCREADY 844A</td>
<td>47</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES JX 180</td>
<td>45</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRALITE GK 846</td>
<td>52</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2675</td>
<td>49</td>
<td>28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES JX 180</td>
<td>45</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRALITE GK 850</td>
<td>52</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAUFFER 1759</td>
<td>45</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYMASTER 8931</td>
<td>46</td>
<td>23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P-A-G SK 334</td>
<td>41</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRIMAX'5 GOLDS 87</td>
<td>46</td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COKER 19A</td>
<td>43</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYMASTER 8990</td>
<td>45</td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| TEST AVERAGE       | 40.5       |
| LIABILITY          | 4.9       |
| LIVABILITY         | 3.9       |</p>
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE (AV)</th>
<th>LODGED STALKS (AV)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-YR. 2-YR.</td>
<td>3-YR. 2-YR.</td>
</tr>
<tr>
<td>PIONEER 3165</td>
<td>104 98</td>
<td>1.0 0.8</td>
</tr>
<tr>
<td>MCCURDY 3172</td>
<td>104 91</td>
<td>2.2 2.9</td>
</tr>
<tr>
<td>DEKALB T 1230</td>
<td>100 88</td>
<td>1.8 2.5</td>
</tr>
<tr>
<td>PIONEER 3147</td>
<td>100 88</td>
<td>2.0 2.3</td>
</tr>
<tr>
<td>MCCURDY 8150</td>
<td>98 88</td>
<td>1.7 2.1</td>
</tr>
<tr>
<td>COKER 21</td>
<td>95 81</td>
<td>2.0 2.6</td>
</tr>
<tr>
<td>JACQUES JX 247</td>
<td>94 77</td>
<td>1.3 1.5</td>
</tr>
<tr>
<td>NORTHRUP KING PX 95</td>
<td>93 84</td>
<td>2.4 2.6</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2680</td>
<td>93 84</td>
<td>1.9 2.5</td>
</tr>
<tr>
<td>NORTHRUP KING PX 87</td>
<td>89 76</td>
<td>2.3 3.1</td>
</tr>
<tr>
<td>FUNKS G-4733</td>
<td>88 80</td>
<td>0.7 0.9</td>
</tr>
<tr>
<td>FUNKS G-4507A</td>
<td>87 78</td>
<td>2.5 3.6</td>
</tr>
<tr>
<td>AGRATECH GK 898</td>
<td>87 78</td>
<td>2.3 3.3</td>
</tr>
<tr>
<td>MCCURDY 84AA</td>
<td>87 78</td>
<td>3.2 3.9</td>
</tr>
<tr>
<td>RING AROUND 1502</td>
<td>85 77</td>
<td>1.1 1.5</td>
</tr>
<tr>
<td>COKER 19A</td>
<td>85 74</td>
<td>2.2 2.9</td>
</tr>
<tr>
<td>PAYMASTER 3951</td>
<td>84 75</td>
<td>1.8 2.3</td>
</tr>
<tr>
<td>PIONEER 3320</td>
<td>- 95</td>
<td>- 1.0</td>
</tr>
<tr>
<td>RING AROUND 1505</td>
<td>- 84</td>
<td>- 2.1</td>
</tr>
<tr>
<td>PIONEER 3187</td>
<td>- 83</td>
<td>- 0.1</td>
</tr>
<tr>
<td>ASGROW/O'S GOLD 5509</td>
<td>- 83</td>
<td>- 1.8</td>
</tr>
<tr>
<td>FFR 955</td>
<td>- 82</td>
<td>- 3.3</td>
</tr>
<tr>
<td>JACQUES 8400</td>
<td>- 78</td>
<td>- 2.4</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2675</td>
<td>- 77</td>
<td>- 2.4</td>
</tr>
</tbody>
</table>

FAIRHOPE, BREXTON, MONROEVILLE, HEADLAND.
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>PATRIOPE</th>
<th>BRIARUS</th>
<th>MONROEVILLE</th>
<th>HEADLAND</th>
<th>YIELD</th>
<th>LODGED</th>
<th>TEST</th>
<th>MILD</th>
<th>HUSK</th>
<th>GRAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLEINER 3145</td>
<td>120</td>
<td>20</td>
<td>34</td>
<td>55</td>
<td>3.0</td>
<td>0.5</td>
<td>50.9</td>
<td>6-3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLEINER 3320</td>
<td>117</td>
<td>100</td>
<td>47</td>
<td>58</td>
<td>81</td>
<td>1.3</td>
<td>56.9</td>
<td>5-29</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Mc Cormick 8172</td>
<td>139</td>
<td>75</td>
<td>30</td>
<td>42</td>
<td>71</td>
<td>2.3</td>
<td>57.5</td>
<td>6-3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLEINER 3032</td>
<td>129</td>
<td>78</td>
<td>26</td>
<td>52</td>
<td>70</td>
<td>1.8</td>
<td>57.5</td>
<td>6-3</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>FUNKS 5414</td>
<td>120</td>
<td>80</td>
<td>29</td>
<td>70</td>
<td>70</td>
<td>2.0</td>
<td>58.2</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLEINER 3147</td>
<td>123</td>
<td>60</td>
<td>23</td>
<td>60</td>
<td>60</td>
<td>2.1</td>
<td>54.8</td>
<td>6-3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mc Cormick 8750</td>
<td>128</td>
<td>60</td>
<td>31</td>
<td>43</td>
<td>67</td>
<td>1.3</td>
<td>57.6</td>
<td>6-1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>KING AROUND 1505</td>
<td>112</td>
<td>71</td>
<td>35</td>
<td>65</td>
<td>65</td>
<td>2.8</td>
<td>55.7</td>
<td>6-1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>JESS 7001</td>
<td>124</td>
<td>58</td>
<td>32</td>
<td>47</td>
<td>64</td>
<td>4.5</td>
<td>55.4</td>
<td>5-29</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>PAYMAST 7990</td>
<td>114</td>
<td>65</td>
<td>23</td>
<td>47</td>
<td>62</td>
<td>4.0</td>
<td>55.7</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>DUKAI 4 1230</td>
<td>128</td>
<td>63</td>
<td>23</td>
<td>38</td>
<td>62</td>
<td>2.5</td>
<td>56.9</td>
<td>6-1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ZIMBALMAN 211</td>
<td>110</td>
<td>56</td>
<td>24</td>
<td>49</td>
<td>62</td>
<td>2.5</td>
<td>55.8</td>
<td>6-2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FHR 411</td>
<td>120</td>
<td>49</td>
<td>29</td>
<td>46</td>
<td>61</td>
<td>3.3</td>
<td>56.0</td>
<td>5-10</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>JACOLY 8400</td>
<td>120</td>
<td>52</td>
<td>29</td>
<td>43</td>
<td>61</td>
<td>3.0</td>
<td>58.8</td>
<td>6-1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NORTHROP KING PX 95</td>
<td>125</td>
<td>55</td>
<td>23</td>
<td>41</td>
<td>61</td>
<td>4.5</td>
<td>56.0</td>
<td>6-3</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ASCENDUS GOLD 2570</td>
<td>122</td>
<td>80</td>
<td>22</td>
<td>39</td>
<td>61</td>
<td>4.5</td>
<td>56.8</td>
<td>5-30</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>ASCENDUS GOLD NA III</td>
<td>129</td>
<td>62</td>
<td>21</td>
<td>60</td>
<td>60</td>
<td>2.3</td>
<td>59.0</td>
<td>5-30</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>KING AROUND 1502</td>
<td>121</td>
<td>34</td>
<td>23</td>
<td>43</td>
<td>60</td>
<td>1.0</td>
<td>57.1</td>
<td>5-29</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>STAUER 5850</td>
<td>125</td>
<td>58</td>
<td>28</td>
<td>31</td>
<td>60</td>
<td>2.1</td>
<td>58.0</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PLEINER 3147</td>
<td>117</td>
<td>57</td>
<td>31</td>
<td>59</td>
<td>59</td>
<td>0.0</td>
<td>56.6</td>
<td>6-1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>NORTHROP KING PX 9501</td>
<td>124</td>
<td>55</td>
<td>19</td>
<td>38</td>
<td>59</td>
<td>5.3</td>
<td>57.5</td>
<td>5-29</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>FHR 955</td>
<td>113</td>
<td>59</td>
<td>23</td>
<td>41</td>
<td>59</td>
<td>1.1</td>
<td>56.8</td>
<td>6-3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FHR 991</td>
<td>127</td>
<td>62</td>
<td>26</td>
<td>36</td>
<td>59</td>
<td>3.0</td>
<td>57.5</td>
<td>6-7</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FUNKS 8173</td>
<td>113</td>
<td>70</td>
<td>22</td>
<td>51</td>
<td>58</td>
<td>4.0</td>
<td>57.2</td>
<td>5-29</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2675</td>
<td>116</td>
<td>56</td>
<td>22</td>
<td>43</td>
<td>58</td>
<td>3.3</td>
<td>57.0</td>
<td>6-1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2600</td>
<td>104</td>
<td>56</td>
<td>22</td>
<td>37</td>
<td>57</td>
<td>3.0</td>
<td>57.5</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mc Cormick 8750</td>
<td>114</td>
<td>49</td>
<td>23</td>
<td>40</td>
<td>57</td>
<td>1.8</td>
<td>57.5</td>
<td>6-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>SUNDIAL 1007</td>
<td>114</td>
<td>49</td>
<td>22</td>
<td>36</td>
<td>56</td>
<td>2.5</td>
<td>59.0</td>
<td>6-2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FUNKS 3531</td>
<td>113</td>
<td>55</td>
<td>21</td>
<td>36</td>
<td>55</td>
<td>2.1</td>
<td>56.0</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AGRAVIA F3206</td>
<td>115</td>
<td>51</td>
<td>22</td>
<td>37</td>
<td>56</td>
<td>3.3</td>
<td>58.0</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AGRAVIA F3500</td>
<td>115</td>
<td>55</td>
<td>15</td>
<td>56</td>
<td>56</td>
<td>1.5</td>
<td>57.6</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>TIMELAPSE 25 79</td>
<td>111</td>
<td>45</td>
<td>23</td>
<td>43</td>
<td>55</td>
<td>3.3</td>
<td>57.1</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>SUNDELL 1407</td>
<td>114</td>
<td>51</td>
<td>15</td>
<td>30</td>
<td>55</td>
<td>4.0</td>
<td>57.5</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>STAUER 5779</td>
<td>120</td>
<td>50</td>
<td>25</td>
<td>55</td>
<td>55</td>
<td>2.1</td>
<td>58.0</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FUNKS 6-4507A</td>
<td>110</td>
<td>45</td>
<td>23</td>
<td>30</td>
<td>54</td>
<td>4.0</td>
<td>56.1</td>
<td>5-30</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PAYMAST 7991</td>
<td>111</td>
<td>46</td>
<td>15</td>
<td>36</td>
<td>52</td>
<td>1.0</td>
<td>56.9</td>
<td>5-31</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>P-A-9 SA 383</td>
<td>100</td>
<td>53</td>
<td>18</td>
<td>24</td>
<td>48</td>
<td>1.0</td>
<td>60.1</td>
<td>6-2</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mean Averages:**
- **Yield:** 49.1
- **Lodged:** 39.9
- **Test:** 39.2
- **Mid:** 60.9
- **Husk:** 6-3
- **Grain:** 3

**S.D. (0.09):**
- **Yield:** 11.0
- **Lodged:** 17.7
- **Test:** 10.4
- **Mid:** 10.3

**Coefficient of Variation:**
- **Yield:** 24.2
- **Lodged:** 24.2
- **Test:** 22.4

**Wet:** Excellent; **Dry:** Very Poor.
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE AVG</th>
<th>LODGED STALKS &amp; AVG</th>
<th>1982</th>
<th>HUSK YIELD</th>
<th>GRAIN YIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-YR. 2-YR. 1985</td>
<td>3-YR. 2-YR. 1985</td>
<td>1982</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3147</td>
<td>139 133 122</td>
<td>1.3 1.5 3.0</td>
<td>6-16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 95</td>
<td>132 133 125</td>
<td>1.0 0.5 1.0</td>
<td>6-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEKALB T 1210</td>
<td>111 128 128</td>
<td>0.3 0.5 1.0</td>
<td>6-14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JACQUES 8400</td>
<td>128 123 117</td>
<td>1.0 1.0 1.0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4733</td>
<td>127 121 121</td>
<td>0.3 0.5 1.0</td>
<td>6-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCCUMBER 846</td>
<td>126 127 118</td>
<td>0.7 0.5 1.0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZINNERMAN 22 L</td>
<td>122 104 73</td>
<td>1.0 1.0 1.0</td>
<td>6-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFR 9244</td>
<td>117 103 99</td>
<td>0.7 0.5 1.0</td>
<td>6-17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KING AROUND 1502</td>
<td>115 115 102</td>
<td>0.7 0.5 1.0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIONEER 3187</td>
<td>113 102 86</td>
<td>0.7 0.5 0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2600</td>
<td>100 89 53</td>
<td>0.3 0.5 0</td>
<td>6-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUNBEET 1860</td>
<td>134 110</td>
<td>1.0 2.0</td>
<td>6-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4858</td>
<td>131 124</td>
<td>0.5 0</td>
<td>6-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASGROULUS GOLDS 5507</td>
<td>129 119</td>
<td>1.0 2.0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFR 955</td>
<td>126 116</td>
<td>3.0 5.0</td>
<td>6-16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NORTHROP KING PX 97</td>
<td>120 109</td>
<td>1.0 2.0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEKALB DK 789</td>
<td>135</td>
<td>1.0 1.0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZINNERMAN 22 L</td>
<td>129</td>
<td>1.0 1.0</td>
<td>6-16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCCUMBER 8150</td>
<td>128</td>
<td>1.0 1.0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TODD EXP 810</td>
<td>124</td>
<td>1.0 1.0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UK 689</td>
<td>122</td>
<td>1.0 1.0</td>
<td>6-14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4733</td>
<td>122</td>
<td>1.0 1.0</td>
<td>6-14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRATECH GK 7000</td>
<td>111</td>
<td>1.0 1.0</td>
<td>6-11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASGROULUS GOLDS 314</td>
<td>116</td>
<td>2.0 2.0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TODD EXP 830</td>
<td>112</td>
<td>0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASGROULUS GOLDS RX 505</td>
<td>108</td>
<td>7.0 1.0</td>
<td>6-17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAUFFER S 7799</td>
<td>106</td>
<td>0</td>
<td>6-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GOLDEN HARVEST XL-11A</td>
<td>105</td>
<td>2.0 2.0</td>
<td>6-14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRATECH GK 850</td>
<td>103</td>
<td>1.0 1.0</td>
<td>6-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUNBEET 1802</td>
<td>102</td>
<td>1.0 1.0</td>
<td>6-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FFR 915</td>
<td>92</td>
<td>0</td>
<td>6-16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HGO X CIU3</td>
<td>77</td>
<td>3.0 6-14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNKS G-4779H</td>
<td></td>
<td>0</td>
<td>6-18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The table shows yield per acre averages (3-YR., 2-YR., 1985) and lodged stalks & averages (3-YR., 2-YR., 1985) for various hybrid corn brands. The 1982, husk yield, and grain yield columns are also provided. The L.S.D. (Least Significant Difference) values for yield per acre are listed at the bottom of the table. The table includes a note for virus disease reactions. 

*1=EXCELLENT; 5=VERY POOR

---

*Table 9: Black Bell Corn Hybrid Virus Test 1983-85*
The two most prevalent viral diseases of corn in Alabama are maize chlorotic dwarf (MCD), caused by the maize chlorotic dwarf virus (MCDV), and maize dwarf mosaic (MDM), caused by the maize dwarf mosaic virus (MDMV). Discovery of MDM in the State dates back to the early 1960's, while MCD has been recognized only since 1973. Both diseases probably occur throughout Alabama; however, they generally have been more prevalent and damaging in the northern two-thirds of the State.

Symptoms of the two diseases are similar in appearance and sometimes difficult to distinguish. Generally, affected plants are chlorotic or discolored and may be stunted. Leaves of MDM-diseased plants show an irregular, light and dark green mosaic or mottle; the initial symptom of MCD is a fine, chlorotic streaking over the smallest veins.

The causal viruses are spread by feeding activities of insects. MCDV is transmitted by certain leafhoppers, and MDMV is carried by some aphids. Both viruses have similar host ranges among a variety of wild and cultivated grasses. Johnsongrass is an important overseason or reservoir host for the viruses, and MCD and MDM incidence and damage usually are high in corn fields that are heavily infested with johnsongrass.

Use of resistant or tolerant corn hybrids and the control or avoidance of johnsongrass infested areas are the most practical controls for MCD and MDM. Commercial and experimental hybrids are evaluated yearly to identify resistant hybrids or promising sources of resistance.
to the diseases. Results of evaluations of some commercial hybrids during 1985 are summarized in this report.

Procedure

Viral disease ratings were made on entries in the corn hybrid test at the Black Belt Substation, Marion Junction. Plants showing symptoms of MCD and/or MDM were counted and data are reported as percent incidence of the diseases for each hybrid.

Results

At the Black Belt Substation, incidence of MDM ranged from 0-6.1 percent among hybrids and averaged 2.1 percent for the entire test, table 9; incidence of MCD ranged from 0-29.4 percent and averaged 9.6 percent for the test. AgraTech brand GK850 showed no symptoms of either disease, and incidence of either disease was less than 5 percent in at least 11 other hybrids.

Hybrids showing relatively greater resistance or tolerance were apparent. Under conditions of higher or lower incidence of viral disease, hybrids would be expected to retain their relative ranking. When selecting a hybrid, viral disease reactions should be taken into account for areas where the diseases are known or suspected to occur, along with the considerations of yield and other characteristics given elsewhere in this report.
## TABLE 9. INCIDENCE OF VIRAL DISEASES IN REGULAR CORN HYBRIDS TEST, MARION JUNCTION, AUGUST 2, 1985

<table>
<thead>
<tr>
<th>Brand name</th>
<th>Hybrid</th>
<th>Maize chlorotic</th>
<th>Maize dwarf mosaic</th>
</tr>
</thead>
<tbody>
<tr>
<td>AgraTech</td>
<td>850</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AgraTech</td>
<td>900</td>
<td>1.1</td>
<td>0</td>
</tr>
<tr>
<td>Asgrow/O'Gold</td>
<td>RX 404</td>
<td>15.7</td>
<td>2.0</td>
</tr>
<tr>
<td>Dekalb</td>
<td>DK 789</td>
<td>8.3</td>
<td>5.8</td>
</tr>
<tr>
<td>Dekalb</td>
<td>T 1230</td>
<td>13.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Dekalb</td>
<td>DK 689</td>
<td>8.6</td>
<td>5.8</td>
</tr>
<tr>
<td>FFR</td>
<td>815</td>
<td>15.7</td>
<td>2.7</td>
</tr>
<tr>
<td>FFR</td>
<td>955</td>
<td>15.9</td>
<td>3.1</td>
</tr>
<tr>
<td>FFR</td>
<td>929 W</td>
<td>21.2</td>
<td>2.1</td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4733</td>
<td>8.8</td>
<td>1.0</td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4779 W</td>
<td>25.4</td>
<td>1.0</td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4734</td>
<td>13.7</td>
<td>2.9</td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4858</td>
<td>3.4</td>
<td>0</td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>H-2660 W</td>
<td>29.4</td>
<td>4.9</td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>XC 918</td>
<td>8.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Jacques</td>
<td>8400</td>
<td>1.6</td>
<td>0</td>
</tr>
<tr>
<td>McCurdy</td>
<td>84 AA</td>
<td>15.7</td>
<td>1.0</td>
</tr>
<tr>
<td>McCurdy</td>
<td>8150</td>
<td>4.7</td>
<td>2.8</td>
</tr>
<tr>
<td>Northrup King</td>
<td>PX 95</td>
<td>1.0</td>
<td>1.9</td>
</tr>
<tr>
<td>Northrup King</td>
<td>PX 87</td>
<td>8.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Asgrow/O's Gold</td>
<td>3344</td>
<td>0</td>
<td>3.9</td>
</tr>
<tr>
<td>Asgrow/O's Gold</td>
<td>5509</td>
<td>6.5</td>
<td>2.6</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3147</td>
<td>1.8</td>
<td>1.9</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3187</td>
<td>18.9</td>
<td>8.8</td>
</tr>
<tr>
<td>Ring-Around</td>
<td>1502</td>
<td>8.9</td>
<td>2.2</td>
</tr>
<tr>
<td>Stauffer</td>
<td>S 7759</td>
<td>6.8</td>
<td>2.0</td>
</tr>
<tr>
<td>Sunbelt</td>
<td>1802</td>
<td>15.9</td>
<td>4.6</td>
</tr>
<tr>
<td>Sunbelt</td>
<td>1860</td>
<td>0</td>
<td>0.8</td>
</tr>
<tr>
<td>Todd</td>
<td>EX 810</td>
<td>2.6</td>
<td>0.8</td>
</tr>
<tr>
<td>Todd</td>
<td>EX 820</td>
<td>2.0</td>
<td>0</td>
</tr>
<tr>
<td>Zimmerman</td>
<td>Z 11 W</td>
<td>19.6</td>
<td>0</td>
</tr>
<tr>
<td>Zimmerman</td>
<td>Z 27 Y</td>
<td>2.6</td>
<td>6.1</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------</td>
<td>------------</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td>BU</td>
<td>BU</td>
<td>PCI</td>
</tr>
<tr>
<td>DEKALB 1 2420</td>
<td>172</td>
<td>172</td>
<td>0.3</td>
</tr>
<tr>
<td>PIONEER 3220</td>
<td>169</td>
<td>169</td>
<td>1.3</td>
</tr>
<tr>
<td>PIONEER 3142</td>
<td>161</td>
<td>161</td>
<td>3.0</td>
</tr>
<tr>
<td>MCCURY 86A</td>
<td>179</td>
<td>179</td>
<td>0.3</td>
</tr>
<tr>
<td>NORTHRUP KING PK 41</td>
<td>156</td>
<td>156</td>
<td>0.7</td>
</tr>
<tr>
<td>JACOBS JX 241</td>
<td>158</td>
<td>158</td>
<td>0.7</td>
</tr>
<tr>
<td>NORTHRUP KING PK 95</td>
<td>155</td>
<td>155</td>
<td>0.7</td>
</tr>
<tr>
<td>MCCURY 86A</td>
<td>158</td>
<td>158</td>
<td>0.3</td>
</tr>
<tr>
<td>KING ARROW 1302</td>
<td>154</td>
<td>154</td>
<td>0.3</td>
</tr>
<tr>
<td>SUNBELT 1060</td>
<td>170</td>
<td>170</td>
<td>0.3</td>
</tr>
<tr>
<td>MCCURY 8117</td>
<td>159</td>
<td>159</td>
<td>0.5</td>
</tr>
<tr>
<td>PIONEER 3220</td>
<td>158</td>
<td>158</td>
<td>0.5</td>
</tr>
<tr>
<td>ASGRAM/OS G flat 5509</td>
<td>156</td>
<td>156</td>
<td>0.5</td>
</tr>
<tr>
<td>ASGRAM/OS G flat 2510</td>
<td>152</td>
<td>152</td>
<td>0.5</td>
</tr>
<tr>
<td>NORTHRUP KING PK 95</td>
<td>147</td>
<td>147</td>
<td>1.0</td>
</tr>
<tr>
<td>PAYMASTER 9700</td>
<td>142</td>
<td>142</td>
<td>0.5</td>
</tr>
<tr>
<td>JACOBS 8400</td>
<td>141</td>
<td>141</td>
<td>0.5</td>
</tr>
<tr>
<td>STAUFFER S 7579</td>
<td>138</td>
<td>140</td>
<td>0.5</td>
</tr>
<tr>
<td>FFR 811</td>
<td>139</td>
<td>142</td>
<td>0.5</td>
</tr>
<tr>
<td>SUNBELT 1374</td>
<td>144</td>
<td>144</td>
<td>0.5</td>
</tr>
<tr>
<td>FUNKS 6-5714</td>
<td>146</td>
<td>168</td>
<td>0.5</td>
</tr>
<tr>
<td>AGRAFEL GK 9000</td>
<td>159</td>
<td>159</td>
<td>0.5</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2526</td>
<td>160</td>
<td>160</td>
<td>0.5</td>
</tr>
<tr>
<td>ZIMMERMAN 210</td>
<td>156</td>
<td>156</td>
<td>0.5</td>
</tr>
<tr>
<td>AGRAFEL GK 8500</td>
<td>158</td>
<td>158</td>
<td>0.5</td>
</tr>
<tr>
<td>P-A-G SX 35W</td>
<td>160</td>
<td>160</td>
<td>0.5</td>
</tr>
<tr>
<td>FUNKS 4-522</td>
<td>144</td>
<td>144</td>
<td>1.0</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-7155A</td>
<td>145</td>
<td>145</td>
<td>1.0</td>
</tr>
<tr>
<td>ASGRAM/OS G flat RX 892</td>
<td>144</td>
<td>144</td>
<td>1.0</td>
</tr>
<tr>
<td>FFR 747</td>
<td>141</td>
<td>141</td>
<td>1.0</td>
</tr>
<tr>
<td>COKER 6650</td>
<td>140</td>
<td>140</td>
<td>1.0</td>
</tr>
<tr>
<td>DEKALB 1100</td>
<td>139</td>
<td>139</td>
<td>1.0</td>
</tr>
<tr>
<td>USS 7001</td>
<td>135</td>
<td>135</td>
<td>1.0</td>
</tr>
<tr>
<td>COKER 6625</td>
<td>122</td>
<td>122</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**TEST AVERAGE**: 135.0

**L.S.D. (10%)**: 22.2

**L.V. (1%)**: 10.1

*The test received approximately 4 inches of irrigation water in applications during the month(s) of May and June.*
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE (AVG) 1985</th>
<th>LUGGED STEM AV. 1985</th>
<th>MIDSEED TEST 1982</th>
<th>HUSK &amp; GRAIN WEIGHT</th>
<th>HUSK</th>
<th>GRAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-YR.</td>
<td>2-YR.</td>
<td>3-YR.</td>
<td>2-YR.</td>
<td>3-YR.</td>
<td>2-YR.</td>
</tr>
<tr>
<td>LOKER 831 W</td>
<td>121</td>
<td>140</td>
<td>162</td>
<td>4.7</td>
<td>4.5</td>
<td>7.0</td>
</tr>
<tr>
<td>TFR 929 W</td>
<td>170</td>
<td>147</td>
<td>153</td>
<td>7.7</td>
<td>8.0</td>
<td>14.0</td>
</tr>
<tr>
<td>PIOLLE 3147</td>
<td>171</td>
<td>142</td>
<td>150</td>
<td>3.0</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>FUNKS 6-417 W</td>
<td>176</td>
<td>143</td>
<td>146</td>
<td>3.3</td>
<td>2.5</td>
<td>2.0</td>
</tr>
<tr>
<td>KING AROUND 1502</td>
<td>176</td>
<td>153</td>
<td>152</td>
<td>9.0</td>
<td>5.0</td>
<td>7.0</td>
</tr>
<tr>
<td>ZIMBERMAN L 11 W</td>
<td>175</td>
<td>140</td>
<td>158</td>
<td>3.0</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>KING AROUND 2600 W</td>
<td>110</td>
<td>129</td>
<td>126</td>
<td>7.7</td>
<td>4.5</td>
<td>8.0</td>
</tr>
<tr>
<td>GOLDEN HARVEST II</td>
<td>110</td>
<td>134</td>
<td>130</td>
<td>5.0</td>
<td>4.0</td>
<td>6.0</td>
</tr>
<tr>
<td>ARAKATTA OR 97 W</td>
<td>154</td>
<td>166</td>
<td>135</td>
<td>3.5</td>
<td>5.0</td>
<td>6-20</td>
</tr>
<tr>
<td>ZIMBERMAN L 60 W</td>
<td>142</td>
<td>157</td>
<td>142</td>
<td>4.0</td>
<td>7.0</td>
<td>6-21</td>
</tr>
<tr>
<td>ZIMBERMAN L 14 W</td>
<td>-</td>
<td>-</td>
<td>156</td>
<td>-</td>
<td>-</td>
<td>5.0</td>
</tr>
<tr>
<td>DEKALB 11 W</td>
<td>-</td>
<td>-</td>
<td>150</td>
<td>-</td>
<td>-</td>
<td>11.0</td>
</tr>
</tbody>
</table>

1 TEST AVERAGE
2 L.S.D. (0.05)
3 L.S.D. (1.0)

1 CROSSVITAL
2 1 = EXCELLENT; 5 = VERY POOR.
3 YELLO WCORN CHECK HYBRID.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PIONEER 3147</td>
<td>BU</td>
<td>110</td>
<td>121</td>
<td>142</td>
<td>1.7</td>
<td>1.0</td>
<td>1.0</td>
<td>6-7</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1485</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KING AROUND 1502</td>
<td>BU</td>
<td>104</td>
<td>117</td>
<td>140</td>
<td>0.7</td>
<td>0</td>
<td>0</td>
<td>6-7</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1516</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGROUSERS GOLD RX 405W</td>
<td>BU</td>
<td>103</td>
<td>121</td>
<td>144</td>
<td>2.7</td>
<td>0</td>
<td>0</td>
<td>6-10</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1528</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GUKER 833 W</td>
<td>BU</td>
<td>100</td>
<td>108</td>
<td>126</td>
<td>0.7</td>
<td>0.5</td>
<td>1.0</td>
<td>6-7</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1530</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KING AROUND 260GW</td>
<td>BU</td>
<td>100</td>
<td>106</td>
<td>121</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
<td>6-8</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1532</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TIR 929W</td>
<td>BU</td>
<td>94</td>
<td>105</td>
<td>112</td>
<td>2.0</td>
<td>0.5</td>
<td>1.0</td>
<td>6-9</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1534</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FURS G-477W</td>
<td>BU</td>
<td>88</td>
<td>98</td>
<td>110</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6-9</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1536</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 11 W</td>
<td>BU</td>
<td>84</td>
<td>90</td>
<td>102</td>
<td>1.7</td>
<td>0</td>
<td>0</td>
<td>6-10</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1537</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GULLEY HARVEST 1-266W</td>
<td>BU</td>
<td>83</td>
<td>89</td>
<td>105</td>
<td>3.3</td>
<td>1.5</td>
<td>1.0</td>
<td>6-7</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1539</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 18 6 W</td>
<td>BU</td>
<td>117</td>
<td>139</td>
<td>139</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>6-8</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1541</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGRAFBC HK 921W</td>
<td>BU</td>
<td>74</td>
<td>91</td>
<td>91</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>6-7</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1543</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZIMMERMAN 14 W</td>
<td>BU</td>
<td>-</td>
<td>146</td>
<td>-</td>
<td>-</td>
<td>1.0</td>
<td>6-8</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1545</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DLKAB D K 7 TW</td>
<td>BU</td>
<td>-</td>
<td>121</td>
<td>-</td>
<td>-</td>
<td>1.0</td>
<td>6-9</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>1547</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| TEST AVERAGE   | 123  |
| L. S. D. (0.05) | 38.9 |
| C. V. (%)      | 22.0 |

* E. V. SMITH RESEARCH CENTER, SHORTER.
† 1 = EXCELLENT; 5 = VERY POOR.
‡ YELLOW CORN CHEEK HYBRID.
### TABLE 13: WHITE CORN HYBRID TEST: SOUTHERN ALABAMA, 1983-85

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>1-yr. PER. ACRE AVG</th>
<th>2-yr. PER. ACRE AVG</th>
<th>3-yr. PER. ACRE AVG</th>
<th>1983</th>
<th>1984</th>
<th>1985</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEADLAND</td>
<td>131.2</td>
<td>131.2</td>
<td>131.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.S.D. (1.05)</td>
<td>37.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.V. (%)</td>
<td>29.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**
- Headland is based on an irrigation test that received approximately 4 inches of irrigation water in 4 applications during the month(s) of May and June.
- *Excellent*: 5-10 points
- *Very poor*: 0-2 points
- *Yellow corn check hybrid.*
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE AV.</th>
<th>LOUGEED STALKS AV.</th>
<th>HUSK &amp; GRAIN AV.</th>
<th>WEIGHT</th>
<th>RATING</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASGROW/JOFS GOLD 2510</td>
<td>142</td>
<td>151</td>
<td>149</td>
<td>1.7</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>ASGROW/JOFS GOLD RX 771</td>
<td>137</td>
<td>149</td>
<td>125</td>
<td>1.3</td>
<td>2.0</td>
<td>4.0</td>
</tr>
<tr>
<td>JACQUES 7909</td>
<td>131</td>
<td>144</td>
<td>146</td>
<td>2.0</td>
<td>3.0</td>
<td>5.0</td>
</tr>
<tr>
<td>KING AROUND 1406</td>
<td>115</td>
<td>127</td>
<td>130</td>
<td>1.3</td>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>NORTHRUP KING PX 77</td>
<td>-</td>
<td>159</td>
<td>158</td>
<td>-</td>
<td>1.0</td>
<td>2.0</td>
</tr>
<tr>
<td>FUNKS G-6614</td>
<td>-</td>
<td>153</td>
<td>165</td>
<td>-</td>
<td>3.0</td>
<td>5.0</td>
</tr>
<tr>
<td>SUNBELT 1027</td>
<td>-</td>
<td>153</td>
<td>137</td>
<td>-</td>
<td>3.0</td>
<td>5.0</td>
</tr>
<tr>
<td>AGRATECH GK 750</td>
<td>-</td>
<td>147</td>
<td>152</td>
<td>-</td>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>SUNBELT 1802</td>
<td>-</td>
<td>146</td>
<td>151</td>
<td>-</td>
<td>5.0</td>
<td>0.0</td>
</tr>
<tr>
<td>AGRATECH GK 850</td>
<td>-</td>
<td>146</td>
<td>150</td>
<td>-</td>
<td>2.5</td>
<td>3.0</td>
</tr>
<tr>
<td>NORTHRUP KING PX 958</td>
<td>-</td>
<td>145</td>
<td>151</td>
<td>-</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>FUNKS G-6522</td>
<td>-</td>
<td>145</td>
<td>146</td>
<td>-</td>
<td>2.0</td>
<td>4.0</td>
</tr>
<tr>
<td>DEKALB 1920</td>
<td>-</td>
<td>136</td>
<td>143</td>
<td>-</td>
<td>1.5</td>
<td>1.0</td>
</tr>
<tr>
<td>COKE 0515</td>
<td>-</td>
<td>131</td>
<td>139</td>
<td>-</td>
<td>1.0</td>
<td>3.0</td>
</tr>
<tr>
<td>ZIMMERMAN 191</td>
<td>-</td>
<td>175</td>
<td>-</td>
<td>-</td>
<td>5.0</td>
<td>6-24</td>
</tr>
<tr>
<td>PAYMASTER 1990</td>
<td>-</td>
<td>164</td>
<td>-</td>
<td>-</td>
<td>1.0</td>
<td>6-21</td>
</tr>
<tr>
<td>COKE 8601</td>
<td>-</td>
<td>161</td>
<td>-</td>
<td>-</td>
<td>2.0</td>
<td>6-22</td>
</tr>
<tr>
<td>FFR 751</td>
<td>-</td>
<td>155</td>
<td>-</td>
<td>-</td>
<td>3.0</td>
<td>6-21</td>
</tr>
<tr>
<td>PAYMASTER 0951</td>
<td>-</td>
<td>152</td>
<td>-</td>
<td>-</td>
<td>6.0</td>
<td>6-21</td>
</tr>
<tr>
<td>STAUtER 771</td>
<td>-</td>
<td>151</td>
<td>-</td>
<td>-</td>
<td>4.0</td>
<td>6-21</td>
</tr>
<tr>
<td>MK'J0DY 1112</td>
<td>-</td>
<td>167</td>
<td>-</td>
<td>-</td>
<td>7.0</td>
<td>6-18</td>
</tr>
<tr>
<td>FFR 810</td>
<td>-</td>
<td>145</td>
<td>-</td>
<td>-</td>
<td>4.0</td>
<td>6-21</td>
</tr>
<tr>
<td>ASGROW/JOFS GOLD 3114</td>
<td>-</td>
<td>140</td>
<td>-</td>
<td>-</td>
<td>7.0</td>
<td>6-20</td>
</tr>
<tr>
<td>JACQUES 7820</td>
<td>-</td>
<td>137</td>
<td>-</td>
<td>-</td>
<td>4.0</td>
<td>6-20</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2501</td>
<td>-</td>
<td>144</td>
<td>-</td>
<td>-</td>
<td>6.0</td>
<td>6-21</td>
</tr>
<tr>
<td>KESCHY 5596</td>
<td>-</td>
<td>133</td>
<td>-</td>
<td>-</td>
<td>3.0</td>
<td>6-17</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2503</td>
<td>-</td>
<td>133</td>
<td>-</td>
<td>-</td>
<td>3.0</td>
<td>6-20</td>
</tr>
</tbody>
</table>

**TEST AVERAGE**

- 148.9
- 148.9
- 148.9
- 9.0

**CRUSSWELL**

1 = Excellent; 5 = Very Poor.
<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>YIELD PER ACRE</th>
<th>LODED STALKS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-YR. 2-YR. 1985</td>
<td>3-YR. 2-YR. 1985</td>
<td>1982</td>
</tr>
<tr>
<td>RING AROUND 1404</td>
<td>116 115 150 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>ASGROMO'S GOLD RX</td>
<td>116 115 141 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>ASGROMO'S GOLD 680</td>
<td>112 112 143 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>NATURAL PEAKS 2570</td>
<td>111 107 114 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>JACQUES 1900</td>
<td>105 101 127 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>FURS G-4614</td>
<td>104 104 124 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>AGRATECH GK 150</td>
<td>100 100 120 0 0 0</td>
<td>6-3 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>NORTHUP KING PX 994</td>
<td>125 147 0 0 0</td>
<td>6-4 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>SUNKIST 1800</td>
<td>119 147 0 0 0</td>
<td>6-4 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>NORTHUP KING PX 77</td>
<td>118 145 0 0 0</td>
<td>6-4 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>CUKER 8515</td>
<td>116 147 0 0 0</td>
<td>6-4 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>AGRATECH G 150</td>
<td>111 132 0 0 0</td>
<td>6-4 6-2 6-1</td>
<td>3 2</td>
</tr>
<tr>
<td>MELROSE 1772</td>
<td>166 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>CUKER 8601</td>
<td>164 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>ZIMMERMAN 271</td>
<td>164 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>FFR 815</td>
<td>160 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>PAYMASTER 7990</td>
<td>156 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>MCCORDY 556</td>
<td>159 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>PAYMASTER 8951</td>
<td>138 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>FFR 791</td>
<td>154 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2601</td>
<td>136 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>JACQUES 7120</td>
<td>139 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>STAUFFER 7771</td>
<td>125 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
<tr>
<td>GOLDEN HARVEST H-2701</td>
<td>109 0 1.0 0 0 0</td>
<td>6-2 6-1 6-2</td>
<td>3 2</td>
</tr>
</tbody>
</table>

| TEST AVERAGE | 144.9 |
| L.S.D. (0.05) | 21.8 |
| C.V. (1%)    | 10.7 |

1. E.V. SMITH RESEARCH CENTER, SHORTER.
2. * Excellent; ** Very Good.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SUNBELT 1827</td>
<td>135</td>
<td>142</td>
<td>5-23</td>
<td>55.7</td>
<td>3</td>
</tr>
<tr>
<td>AGRONOMIST'S GOLD 2510</td>
<td>125</td>
<td>127</td>
<td>5-21</td>
<td>55.3</td>
<td>2</td>
</tr>
<tr>
<td>AGRAFECII ELLI 150</td>
<td>113</td>
<td>116</td>
<td>5-21</td>
<td>55.8</td>
<td>3</td>
</tr>
<tr>
<td>RING AROUND 1404</td>
<td>106</td>
<td>113</td>
<td>5-20</td>
<td>54.2</td>
<td>3</td>
</tr>
<tr>
<td>GULDEN HARVEST H-2491</td>
<td>97</td>
<td>113</td>
<td>5-20</td>
<td>54.7</td>
<td>2</td>
</tr>
<tr>
<td>ZIMMERMAN 27 Y</td>
<td>130</td>
<td>134</td>
<td>5-21</td>
<td>52.8</td>
<td>3</td>
</tr>
<tr>
<td>GULDEN HARVEST H-2601</td>
<td>130</td>
<td>134</td>
<td>5-21</td>
<td>55.8</td>
<td>2</td>
</tr>
<tr>
<td>COKER 8601</td>
<td>130</td>
<td>130</td>
<td>5-20</td>
<td>54.2</td>
<td>3</td>
</tr>
<tr>
<td>JACQUES 7820</td>
<td>129</td>
<td>129</td>
<td>5-21</td>
<td>55.7</td>
<td>2</td>
</tr>
<tr>
<td>FFR 741</td>
<td>128</td>
<td>128</td>
<td>5-21</td>
<td>54.7</td>
<td>2</td>
</tr>
<tr>
<td>MCCUNDY 5596</td>
<td>126</td>
<td>110</td>
<td>5-21</td>
<td>54.2</td>
<td>3</td>
</tr>
<tr>
<td>STAUFFER 7711</td>
<td>109</td>
<td>109</td>
<td>5-21</td>
<td>53.3</td>
<td>3</td>
</tr>
</tbody>
</table>

**TEST AVERAGE**

- **YIELD**: 121.7
- **L.S.D. (0.05)**: 19.6
- **C.V. (%)**: 11.3

1 = FAIR; 5 = POOR.
2 = FAIR; 4 = POOR.
3 = GOOD; 6 = POOR.
4 = GOOD; 8 = POOR.
5 = EXCELLENT; 10 = POOR.
### REPORT OF PRELIMINARY TESTS

#### TABLE 17. CHARACTERISTICS OF CORN HYBRIDS TESTED ONE YEAR AT CROSSVILLE

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>AVG. YIELD</th>
<th>LODGED</th>
<th>MIDSILK</th>
<th>TEST MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. K. 2602</td>
<td>194</td>
<td>6.0</td>
<td>6-22</td>
<td>56.9</td>
</tr>
<tr>
<td>AGRATECH GK 925</td>
<td>193</td>
<td>5.0</td>
<td>6-22</td>
<td>51.1</td>
</tr>
<tr>
<td>TNS 901</td>
<td>191</td>
<td>4.0</td>
<td>6-23</td>
<td>59.2</td>
</tr>
<tr>
<td>DIXIAI DD 148</td>
<td>188</td>
<td>3.0</td>
<td>6-23</td>
<td>55.8</td>
</tr>
<tr>
<td>JACOB'S 8700</td>
<td>186</td>
<td>2.0</td>
<td>6-26</td>
<td>55.4</td>
</tr>
<tr>
<td>MOIRIS-G-1114</td>
<td>185</td>
<td>1.0</td>
<td>6-25</td>
<td>54.9</td>
</tr>
<tr>
<td>INFER II 1141</td>
<td>183</td>
<td>2.0</td>
<td>6-24</td>
<td>56.3</td>
</tr>
<tr>
<td>DIXIAI DD 809</td>
<td>183</td>
<td>5.0</td>
<td>6-22</td>
<td>58.1</td>
</tr>
<tr>
<td>PAYSMASTER 94070</td>
<td>179</td>
<td>5.0</td>
<td>6-22</td>
<td>56.3</td>
</tr>
<tr>
<td>AGRATECH GK 900</td>
<td>179</td>
<td>6.0</td>
<td>6-22</td>
<td>57.7</td>
</tr>
<tr>
<td>MCCORDY 1000</td>
<td>177</td>
<td>2.0</td>
<td>6-20</td>
<td>60.3</td>
</tr>
<tr>
<td>TIOD N 7000</td>
<td>171</td>
<td>3.0</td>
<td>6-26</td>
<td>55.6</td>
</tr>
<tr>
<td>FUNKS EXP-9002 X</td>
<td>170</td>
<td>1.0</td>
<td>6-21</td>
<td>51.0</td>
</tr>
<tr>
<td>TIOD N 820</td>
<td>166</td>
<td>7.0</td>
<td>6-26</td>
<td>57.0</td>
</tr>
<tr>
<td>MCCORDY 1676</td>
<td>166</td>
<td>2.0</td>
<td>6-19</td>
<td>56.2</td>
</tr>
<tr>
<td>FUNKS EXP-9011 A</td>
<td>162</td>
<td>3.0</td>
<td>6-20</td>
<td>57.2</td>
</tr>
<tr>
<td>AGRATECH GK 790</td>
<td>164</td>
<td>1.0</td>
<td>6-20</td>
<td>59.4</td>
</tr>
<tr>
<td>R. 36-1502</td>
<td>163</td>
<td>4.0</td>
<td>6-21</td>
<td>56.8</td>
</tr>
<tr>
<td>MCCORDY 84-43</td>
<td>163</td>
<td>2.0</td>
<td>6-20</td>
<td>59.7</td>
</tr>
<tr>
<td>INFER III 248</td>
<td>162</td>
<td>2.0</td>
<td>6-21</td>
<td>59.4</td>
</tr>
<tr>
<td>TIOD N 884</td>
<td>162</td>
<td>3.0</td>
<td>6-20</td>
<td>56.9</td>
</tr>
<tr>
<td>FUNKS G-4658</td>
<td>160</td>
<td>5.0</td>
<td>6-26</td>
<td>56.5</td>
</tr>
<tr>
<td>STAUDER 1141</td>
<td>160</td>
<td>5.0</td>
<td>6-19</td>
<td>58.1</td>
</tr>
<tr>
<td>INFER C-7000</td>
<td>159</td>
<td>2.0</td>
<td>6-21</td>
<td>29.9</td>
</tr>
<tr>
<td>R. K. 29560</td>
<td>158</td>
<td>2.0</td>
<td>6-19</td>
<td>59.2</td>
</tr>
<tr>
<td>GUARDIEN HARVEST XL-718</td>
<td>158</td>
<td>9.0</td>
<td>6-22</td>
<td>58.5</td>
</tr>
<tr>
<td>SUBMIT 1004</td>
<td>156</td>
<td>1.0</td>
<td>6-21</td>
<td>55.8</td>
</tr>
<tr>
<td>ASSURANCE GK 892</td>
<td>155</td>
<td>3.0</td>
<td>6-21</td>
<td>51.3</td>
</tr>
<tr>
<td>FUNKS EXP 810</td>
<td>154</td>
<td>6.0</td>
<td>6-22</td>
<td>59.1</td>
</tr>
<tr>
<td>JACOB'S 10/20</td>
<td>150</td>
<td>3.0</td>
<td>6-20</td>
<td>57.3</td>
</tr>
<tr>
<td>FUNKS G-4658</td>
<td>149</td>
<td>1.0</td>
<td>6-21</td>
<td>52.0</td>
</tr>
<tr>
<td>INFER C-8701</td>
<td>134</td>
<td>2.0</td>
<td>6-18</td>
<td>58.8</td>
</tr>
<tr>
<td>FLF 701</td>
<td>126</td>
<td>4.0</td>
<td>6-19</td>
<td>57.5</td>
</tr>
</tbody>
</table>

**NET AVERAGE** 167.6

U.S. D. (1,000) 16.3

L.V. (100) 7.1

* All T. h. HYBRIDS.
# REPORT OF PRELIMINARY TESTS

## TABLE 18. CHARACTERISTICS OF CORN HYBRIDS TESTED ONE YEAR AT TALLASSEE IN CENTRAL ALABAMA, 1982

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>AV. YIELD PER ACRE</th>
<th>LODGED STALKS</th>
<th>MIDSEED TEST</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BUa</td>
<td>EGl</td>
<td>BUa/DuA</td>
<td>LDa/BuA</td>
</tr>
<tr>
<td>SUNBET 1804</td>
<td>131</td>
<td>2.0</td>
<td>5-26</td>
<td>53.0</td>
</tr>
<tr>
<td>FUNKS G-4050</td>
<td>129</td>
<td>6.0</td>
<td>5-26</td>
<td>56.8</td>
</tr>
<tr>
<td>PIONEER 3147</td>
<td>128</td>
<td>12.0</td>
<td>5-26</td>
<td>53.4</td>
</tr>
<tr>
<td>R. A. 1502</td>
<td>128</td>
<td>4.0</td>
<td>5-26</td>
<td>53.8</td>
</tr>
<tr>
<td>FUNKS EXP-7002 X</td>
<td>125</td>
<td>4.0</td>
<td>5-26</td>
<td>54.3</td>
</tr>
<tr>
<td>TOUHY 810</td>
<td>125</td>
<td>1.0</td>
<td>5-26</td>
<td>57.9</td>
</tr>
<tr>
<td>TOUHY 820</td>
<td>124</td>
<td>1.0</td>
<td>5-31</td>
<td>54.5</td>
</tr>
<tr>
<td>AGRAITH GK 900</td>
<td>123</td>
<td>14.0</td>
<td>5-31</td>
<td>56.8</td>
</tr>
<tr>
<td>FUNKS G-4765</td>
<td>121</td>
<td>2.0</td>
<td>5-26</td>
<td>55.7</td>
</tr>
<tr>
<td>N. K. 9692</td>
<td>121</td>
<td>3.0</td>
<td>5-26</td>
<td>54.1</td>
</tr>
<tr>
<td>PAYMASTER 9990</td>
<td>120</td>
<td>4.0</td>
<td>6-3</td>
<td>55.0</td>
</tr>
<tr>
<td>MCLURFY 84-36</td>
<td>120</td>
<td>10.0</td>
<td>5-28</td>
<td>56.7</td>
</tr>
<tr>
<td>MCLURFY 8020</td>
<td>119</td>
<td>2.0</td>
<td>5-26</td>
<td>57.1</td>
</tr>
<tr>
<td>FUNKS EXP-5013 A</td>
<td>119</td>
<td>6.0</td>
<td>5-29</td>
<td>55.0</td>
</tr>
<tr>
<td>JACQUIS 8700</td>
<td>116</td>
<td>5.0</td>
<td>5-29</td>
<td>58.4</td>
</tr>
<tr>
<td>FFR 315</td>
<td>115</td>
<td>1.0</td>
<td>5-17</td>
<td>57.7</td>
</tr>
<tr>
<td>TOUHY M 8800</td>
<td>115</td>
<td>1.0</td>
<td>6-7</td>
<td>59.8</td>
</tr>
<tr>
<td>JACQUIS 7820</td>
<td>114</td>
<td>1.0</td>
<td>5-26</td>
<td>57.2</td>
</tr>
<tr>
<td>DEKALB DK 689</td>
<td>113</td>
<td>9.0</td>
<td>5-26</td>
<td>57.2</td>
</tr>
<tr>
<td>SUNBET 1802</td>
<td>113</td>
<td>6.0</td>
<td>5-30</td>
<td>54.8</td>
</tr>
<tr>
<td>CUKER C-8680</td>
<td>113</td>
<td>1.0</td>
<td>5-23</td>
<td>58.6</td>
</tr>
<tr>
<td>TOUHY M 88</td>
<td>111</td>
<td>4.0</td>
<td>5-26</td>
<td>57.3</td>
</tr>
<tr>
<td>AGRAITH GK 750</td>
<td>110</td>
<td>1.0</td>
<td>5-23</td>
<td>59.7</td>
</tr>
<tr>
<td>CUKER C-8707</td>
<td>109</td>
<td>7.0</td>
<td>6-1</td>
<td>58.5</td>
</tr>
<tr>
<td>CUKER C-8625</td>
<td>108</td>
<td>0</td>
<td>5-29</td>
<td>59.7</td>
</tr>
<tr>
<td>GOLDEN HARVEST QC-918</td>
<td>101</td>
<td>11.0</td>
<td>5-26</td>
<td>59.2</td>
</tr>
<tr>
<td>N. K. 9340</td>
<td>100</td>
<td>1.0</td>
<td>5-23</td>
<td>57.8</td>
</tr>
<tr>
<td>ASGROD RX 992</td>
<td>94</td>
<td>6.0</td>
<td>5-26</td>
<td>59.4</td>
</tr>
<tr>
<td>FFR 991</td>
<td>92</td>
<td>5.0</td>
<td>6-1</td>
<td>59.4</td>
</tr>
<tr>
<td>DIXIE 14</td>
<td>84</td>
<td>30.0</td>
<td>5-26</td>
<td>57.0</td>
</tr>
<tr>
<td>DEKALB DK 148</td>
<td>84</td>
<td>28.0</td>
<td>5-26</td>
<td>54.6</td>
</tr>
</tbody>
</table>

| TEST AVERAGE               | 113.5              |
| L.S.D. (6%)                | 16.3               |
| C.V. (%)                   | 10.7               |

* CHECK HYBRIDS.
### REPORT OF PRELIMINARY TESTS

#### TABLE 19. CHARACTERISTICS OF CORN HYBRIDS TESTED ONE YEAR AT FAIRHOPE IN SOUTHERN ALABAMA, 1985

<table>
<thead>
<tr>
<th>BRAND NAME-HYBRID</th>
<th>AV. YIELD PER ACRE</th>
<th>LODGED STALKS</th>
<th>MID-SILK TEST</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Btu</td>
<td>PGi</td>
<td>BUx/20x</td>
<td>LBx/Bu</td>
</tr>
<tr>
<td>SUNDULATION 189</td>
<td>133</td>
<td>0</td>
<td>5-29</td>
<td>-</td>
</tr>
<tr>
<td>PIKELLER 3147 *</td>
<td>126</td>
<td>1.0</td>
<td>5-30</td>
<td>-</td>
</tr>
<tr>
<td>DEKALB DK 748</td>
<td>122</td>
<td>0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>DEKALB DK 689</td>
<td>121</td>
<td>0</td>
<td>5-29</td>
<td>-</td>
</tr>
<tr>
<td>PIKE A 88</td>
<td>119</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>K. L. 1502 *</td>
<td>117</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>P. A. L. 456</td>
<td>117</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>McCOY 84-61</td>
<td>115</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>P. A. L. 379</td>
<td>112</td>
<td>0</td>
<td>5-28</td>
<td>-</td>
</tr>
<tr>
<td>PAYMAKER 990</td>
<td>111</td>
<td>1.0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>LOKER 2-18625</td>
<td>110</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>FUNKS EXP 5015 A</td>
<td>110</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>USS EXP 706</td>
<td>110</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>AGRADEC GE 900</td>
<td>110</td>
<td>0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>JACQUES 8700</td>
<td>109</td>
<td>0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>SUNDULATION 1804</td>
<td>109</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>AGRADEC GE 750</td>
<td>108</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>JACQUES 1820</td>
<td>108</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>USS 2020</td>
<td>107</td>
<td>1.0</td>
<td>5-28</td>
<td>-</td>
</tr>
<tr>
<td>GOLDFIELD HARVEST XL-948</td>
<td>107</td>
<td>2.0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>TINDO EXP 6720</td>
<td>106</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>COKER L 8701</td>
<td>105</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>FFR 414</td>
<td>105</td>
<td>0</td>
<td>5-26</td>
<td>-</td>
</tr>
<tr>
<td>McCOY 8420</td>
<td>104</td>
<td>1.0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>TINDO EXP 810</td>
<td>104</td>
<td>0</td>
<td>5-27</td>
<td>-</td>
</tr>
<tr>
<td>FFR 901</td>
<td>103</td>
<td>0</td>
<td>5-26</td>
<td>-</td>
</tr>
<tr>
<td>N. K. 9460</td>
<td>103</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>ASGRO 8X 892</td>
<td>102</td>
<td>0</td>
<td>5-26</td>
<td>-</td>
</tr>
<tr>
<td>FUNKS EXP 9002 A</td>
<td>102</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>TINDO A 4000</td>
<td>99</td>
<td>0</td>
<td>5-25</td>
<td>-</td>
</tr>
<tr>
<td>N. K. 9492</td>
<td>97</td>
<td>0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>COKER L 8680</td>
<td>96</td>
<td>0</td>
<td>5-26</td>
<td>-</td>
</tr>
<tr>
<td>USS 1305</td>
<td>94</td>
<td>0</td>
<td>5-26</td>
<td>-</td>
</tr>
<tr>
<td>FFR 561</td>
<td>87</td>
<td>1.0</td>
<td>5-24</td>
<td>-</td>
</tr>
<tr>
<td>ASGRO 4X 204</td>
<td>81</td>
<td>3.0</td>
<td>5-30</td>
<td>-</td>
</tr>
<tr>
<td>DIXIE 10</td>
<td>74</td>
<td>1.0</td>
<td>5-28</td>
<td>-</td>
</tr>
</tbody>
</table>

| AVE.           | 103.7            | 16.2           | 5-29          | -      |
| L.S.D. (.05)   | 16.9             | -              | -             | -      |
| C.V. (%)       | 9.6              | -              | -             | -      |

* COKER HYBRIDS.
# SOURCES OF 1985 CORN HYBRID TEST SEED

<table>
<thead>
<tr>
<th>Seed Company</th>
<th>Brand</th>
<th>Seed Company</th>
<th>Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td>AgraTech Seeds, Inc.</td>
<td>GK</td>
<td>Seedway, Inc.</td>
<td>Todd</td>
</tr>
<tr>
<td>P.O. Box 644, Ashburn, GA</td>
<td></td>
<td>Hall, NY 14463</td>
<td></td>
</tr>
<tr>
<td>Asgrow Seed Co.</td>
<td>Asgrow/0's Gold</td>
<td>Stauffer Seeds, Inc.</td>
<td>Stauffer</td>
</tr>
<tr>
<td>7000 Portage Rd., Kalamazoo, MI, 49001</td>
<td></td>
<td>975 South Durkin Dr. Springfield, IL 62704</td>
<td></td>
</tr>
<tr>
<td>Coker's Pedigreed Seed Co.</td>
<td>Coker</td>
<td>Sunbelt Hybrids, Inc.</td>
<td>Sunbelt</td>
</tr>
<tr>
<td>P.O. Box 340, Hartsville, SC</td>
<td></td>
<td>Wetumpka, AL</td>
<td></td>
</tr>
<tr>
<td>Colombiana Seed Co.</td>
<td>Golden Harvest</td>
<td>USS Agri-Chemicals</td>
<td>USS</td>
</tr>
<tr>
<td>Eldred, IL 62027</td>
<td></td>
<td>P.O. Box 1685, Atlanta, GA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>30301</td>
<td></td>
</tr>
<tr>
<td>DeKalb-Pfizer Genetics</td>
<td>DeKalb</td>
<td>Zimmerman Hybrids, Inc.</td>
<td>Zimmerman</td>
</tr>
<tr>
<td>3100 Sycamore Road, DeKalb, IL 60115</td>
<td></td>
<td>5147 W. Franklin Rd. Evansville, IN 47712</td>
<td></td>
</tr>
<tr>
<td>FFR Cooperative</td>
<td>FFR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4112 E. State Rd. 225, W. Lafayette, IN 47906</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funk Seeds International</td>
<td>Funk's G Ring Around</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.O. Box 2911, Bloomington, IL 61702</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacques Seed Co.</td>
<td>Jacques</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prescott, WI 54021</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCurdy Seed Co.</td>
<td>McCurdy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fremont, IA 52561</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northrup King Co.</td>
<td>Northrup King</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.O. Box 151, Columbia, MS 39701</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAG Seeds</td>
<td>PAG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.O. Box 9480, Minneapolis, MN 55440</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paymaster Seeds</td>
<td>Paymaster</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.O. Box 9493, Minneapolis, MN 55440</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pioneer Hi-Bred International</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000 W. Jefferson St. Tipton, IN 46072</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ACCEPTABLE HYBRIDS FOR 1986

All of the acceptable hybrids are not equal in performance. It is suggested that this report be carefully studied before choosing a hybrid. For relative maturity information, use the days to midsilk data in preceding tables. Unless otherwise noted, all acceptable hybrids have been tested at least 3 years in the regular variety tests and are listed in descending order of 3-year average yield.

NORTHERN ALABAMA

<table>
<thead>
<tr>
<th>Yellow hybrids</th>
<th>White hybrids</th>
<th>Early hybrids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand name</td>
<td>Hybrid</td>
<td>Brand name</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3147</td>
<td>Northrup King</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3320</td>
<td>Jacques</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3187</td>
<td>Funk's</td>
</tr>
<tr>
<td>DeKalb</td>
<td>T1230</td>
<td>Coker</td>
</tr>
<tr>
<td>McCurdy</td>
<td>8150</td>
<td>Funk's</td>
</tr>
<tr>
<td>Ring Around</td>
<td>1502</td>
<td>Northrup King</td>
</tr>
<tr>
<td>McCurdy</td>
<td>84AA</td>
<td>Coker</td>
</tr>
<tr>
<td>Jacques</td>
<td>JX180</td>
<td>Pioneer</td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4507A</td>
<td></td>
</tr>
</tbody>
</table>

†Recommended based on exceptional 2-year average.
<table>
<thead>
<tr>
<th>Yellow hybrids</th>
<th>White hybrids</th>
<th>Early hybrids</th>
<th>Black Belt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand name</td>
<td>Hybrid</td>
<td>Brand name</td>
<td>Hybrid</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3320</td>
<td>Asgrow/O's</td>
<td>RX405W</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3165</td>
<td>Coker</td>
<td>833W</td>
</tr>
<tr>
<td>Pioneer</td>
<td>3147</td>
<td>Ring Around</td>
<td>2606W</td>
</tr>
<tr>
<td>Northrup King</td>
<td>PX87</td>
<td>FFR</td>
<td>929W</td>
</tr>
<tr>
<td>McCurdy</td>
<td>8150</td>
<td>Zimmerman</td>
<td>Z 60 W</td>
</tr>
<tr>
<td>Jacques</td>
<td>JX247</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>H-2680</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coker</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funk's</td>
<td>G-4733</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCurdy</td>
<td>84AA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacques</td>
<td>JX180</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Funk's</td>
<td>G-4522</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Ring Around</td>
<td>1502</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Coker</td>
<td>19A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*If present trends continue, this hybrid will be removed from the acceptable list next year in the category indicated.

†Recommended based on exceptional 2-year average.
## ACCEPTABLE HYBRIDS FOR 1986 (continued)

**SOUTHERN ALABAMA**

<table>
<thead>
<tr>
<th>Yellow hybrid</th>
<th>Brand name</th>
<th>Hybrid</th>
<th>White hybrid</th>
<th>Brand name</th>
<th>Hybrid</th>
<th>Early Hybrid</th>
<th>Brand name</th>
<th>Hybrid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pioneer</td>
<td>3165</td>
<td>Ring Around</td>
<td>2606W</td>
<td>† Sunbelt</td>
<td>1827</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCurdy</td>
<td>8172</td>
<td>FFR</td>
<td>929W</td>
<td>† Asgrow/O's Gold</td>
<td>2570</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DeKalb</td>
<td>11230</td>
<td>Asgrow/O's Gold</td>
<td>RX405W</td>
<td>† Sunbelt</td>
<td>1802</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pioneer</td>
<td>3147</td>
<td>Funk's</td>
<td>G-4779W</td>
<td>† Funk's</td>
<td>G-4614</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCurdy</td>
<td>8150</td>
<td>Coker</td>
<td>833W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coker</td>
<td>21</td>
<td>Zimmerman</td>
<td>Z 11 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacques</td>
<td>JX247</td>
<td>† Zimmerman</td>
<td>Z 60 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northrup King</td>
<td>PX95</td>
<td>† AgraTech</td>
<td>GK 927W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golden Harvest</td>
<td>H-2680</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Northrup King</td>
<td>PX87</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Funk's</td>
<td>G-4733</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* McCurdy</td>
<td>84AA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Ring Around</td>
<td>1502</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Paymaster</td>
<td>8951</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† Pioneer</td>
<td>3320</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* If present trends continue, this hybrid will be removed from the acceptable list next year in the category indicated.

† Recommended based on exceptional 2-year average.