Egg Quality: Haugh Unit an Objective Measure

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USDA grades for broken out eggs

Computerized Haugh Unit Equipment
Figure 51. Egg breakouts are conducted on equipment which typically includes a metal stand, glass top, and reflective mirror. (Code 0632 2041 1143-11)

Micrometer
Measures the height of the albumen
Location on albumen to measure the height

Measure the albumen height at the point ½ the distance from the yolk to the edge of the outer thick albumen.

Note: Stay away from the chalaze

2. Average "AA"

Demonstration of the use of the breakout table and micrometer for the determination of the Haugh Unit Score
### Haugh Unit Scores and USDA Grade Equivalents

<table>
<thead>
<tr>
<th>Grade</th>
<th>Haugh Unit Score</th>
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</thead>
<tbody>
<tr>
<td>AA</td>
<td>≥ 72</td>
</tr>
<tr>
<td>A</td>
<td>72&gt; score ≥ 60</td>
</tr>
<tr>
<td>B</td>
<td>&lt; 60</td>
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From the moment an egg is laid the interior quality begins to decline. The milestones are indicated by the change in grade from AA to B.

![Graph showing egg quality decline with grades AA to B. As egg quality goes down, risk goes up.]}