Lint Yield of Planting Pima S-6 at Three Dates

Charles Farr

SUMMARY

Planting Pima S-6 at 12-day intervals starting April 2 produced more than 70 pounds of lint loss for each delay in planting.

RESULTS

Pima S-6 is a high yielding introduction that produces more lint earlier than previous varieties in the Phoenix area. Heavy infestations of boll weevil increase the desirability of higher yields in less time so that stalk destruction can be finished earlier. If earlier plantings increase yield, then earlier harvest is more feasible. In this trial, earlier planting dates increased yield significantly.

Table 1. Dates of Planting Pima, Taylor & Taylor, Scottsdale, 1987

<table>
<thead>
<tr>
<th>Planting Date</th>
<th>Lbs Lint 1st Pick</th>
<th>Lbs Lint 2nd Pick</th>
<th>Lbs Lint Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2</td>
<td>1413</td>
<td>69</td>
<td>1482</td>
</tr>
<tr>
<td>April 14</td>
<td>1346</td>
<td>48</td>
<td>1394</td>
</tr>
<tr>
<td>April 26</td>
<td>1265</td>
<td>56</td>
<td>1321</td>
</tr>
</tbody>
</table>

Location - SRI Reservation
Soil - Sandy loam
Harvest dates - 11/16, 12/14
Turnout - 33.13, 31.2
Grades 3-46-50