### I. NAME OF PROJECT:
Alkali Control in Celery Seed Beds

### II. LOCATION:
Chula Vista section, San Diego County

### III. DATE EFFECTIVE:
February 1, 1929

### IV. OBJECT:
To attempt to find a practical method of influencing soil conditions in celery seed beds in order to lessen the prevalent difficulty of obtaining a uniform germination and stand.

### V. GOALS FOR 1929:
1. Establish and conduct test plot.
2. Hold meeting if results justify.

### VI. HISTORY:
Celery is one of the most important truck crops of San Diego County. Difficulty in obtaining a stand in the seed beds is becoming increasingly prevalent each year. Tests made of soils on which seed beds are grown indicate a very considerable "alkali" condition.

As germinating seeds are very sensitive to an "alkali" condition it may be possible to influence that condition for the better to such an extent that uniform stands may be obtained. The use of sulfur and iron sulfate is being considered.

The Assistant Farm Advisor is communicating with members of the University of California, College of Agriculture staff who are carrying on "alkali" investigations regarding the practicability of a test of this nature and the carrying out of this project will depend on further considerations.

### VII. PROCEDURE:
1. Procedure - Subject Matter:
   
   References - Members of University of California, College of Agriculture staff carrying on "alkali" studies.

   Plans for the test plot will be submitted as a progress report.

2. Procedure - General Extension Methods:
   
   Test plot and discussion meeting.

3. Procedure - Calendar for 1929:
<table>
<thead>
<tr>
<th>WHAT</th>
<th>WHO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>February</strong></td>
<td>Assistant Farm Advisor</td>
</tr>
<tr>
<td>Secure cooperator</td>
<td>Cooperator</td>
</tr>
<tr>
<td>Secure materials</td>
<td></td>
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<tr>
<td><strong>February &amp; March</strong></td>
<td>Assistant Farm Advisor</td>
</tr>
<tr>
<td>Lay out plot and give treatments</td>
<td>and Cooperator</td>
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<tr>
<td><strong>May</strong></td>
<td></td>
</tr>
<tr>
<td>Plant seed on treated plots</td>
<td>Cooperator</td>
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<tr>
<td><strong>May &amp; June</strong></td>
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<td>Observe and record results</td>
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</tbody>
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VIII. ADDITIONS will be submitted annually.

Signatures

![Signatures](signature1.png)

Director of Extension

![Signatures](signature2.png)

Farm Advisor

![Signatures](signature3.png)

Assistant Farm Advisor