Oregon Agricultural Hemp Pilot Research Program

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Definitions - Current Use

- Oregon Agricultural Hemp (OR Cannabis)
- Industrial Hemp (UN)
- Industrial Hemp (France)

<table>
<thead>
<tr>
<th>THC Type</th>
<th>Oregon Ag. Hemp</th>
<th>UN Industrial Hemp</th>
<th>France Industrial Hemp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delta-9 THC</td>
<td>0.0</td>
<td>0.05</td>
<td>0.3</td>
</tr>
<tr>
<td>Total THC</td>
<td>0.0</td>
<td>0.2</td>
<td>0.3</td>
</tr>
</tbody>
</table>
Research Objectives

• Agronomics and Cultural Practices
  • Open field and greenhouse
  • Plant date, seeding depth, spacing, etc.
  • Organic and conventional treatments
  • Harvest and Post-Harvest processes

• Expansion of research
  • Multiple locations
  • Multiple disciplines
Statewide Experiments
Research Plots
Plant Spacing And Fertility
Pests
Crop Quality
Breeding Program
Management
Management
Harvesting
Harvesting
Fiber Hemp
From Stringer, 2018
Oregon Hemp Production

Acres

Permits


0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
Oregon Hemp Production 2018

- Extractable hemp 80-85%
  - Cannabinoids and cannaturpenes
- Usable hemp 10%
- Seed 5-10%
- Grain, Fiber (Unk)

- My goal: Multiuse Oregon hemp
Products