Oilseed Policy in Washington State

Direct Seed & Oilseed Cropping Systems Conference

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Washington’s Oilseed Policy?

• Oilseeds play a role in policies designed to:
  – Reduce dependence on foreign oil
  – Reduce greenhouse gas emissions
  – Improve environment
  – Improve public health
  – Foster rural economic development
**Oilseeds and Biofuels Policies**

**In-State Biofuels Industry**
- Market and use here
- Grow Biofuels Crops
- Process at In-state Crushers / Refineries

**State Action Strategies:**
*To stimulate and encourage the industry*

- **grow** the crops = invest in cropping systems research
- **process** crops in-state = provide tax and other incentives to encourage investment in production & distribution facilities
- **biodiesel use** = direct state agencies to lead the way in use, ensure biofuel quality, and call for use in the general market place.
Canola Production, 2010-13

PNW Canola Production by State, 2010-2013

1,000 lb

* Washington production not separately reported in 2010.

Source: NASS, Crop Production Annual Summary, January 10, 2014
Crush capacity = 400,000 T/yr
Refining capacity = 110 MGY
WA Market Drivers for Biofuels

- **Renewable Fuel Standards (RFS)**
  - WA: 2% biodiesel by volume  
    *not functional*
  - Our neighbors
    - Oregon: B2 in 2009, B5 in 2011
    - California: Low Carbon Fuel Standard, 2011
    - British Columbia

- **Public Agency Use Requirements**
Biodiesel Use by State Agencies

**Highlights**

WA State Ferries:
B5 became the standard fuel for the entire fleet in 2013.

Other state agencies:
Biodiesel averaged 12% statewide in 2013; have been above 10% since 2011.

*New rules adopted in May 2013 to move to 20% biodiesel.*
Aviation Biofuels
Policy Recommendations, 2013

• Align state tax policies to support the development of aviation biofuels
  • *Renew, harmonize, update incentives*
• Stabilize demand for biofuels
  • *Renewable Fuel Standard*
  • *Clean Fuel Standard*
• Support R&D to build the aviation biofuels industry
• Clarify biofuels policy framework
• Create public-private partnerships
Climate Legislative and Executive Workgroup, 2013


- **Purpose**: CLEW to recommend a State program of actions and policies to reduce GHG emissions, that if implemented would ensure the state's emissions targets are achieved.

- Evaluation prepared of approaches to reduce GHG emissions in Washington, public hearings held over several months.

- Process not completed. Dec. 18 meeting cancelled due to ongoing discussions.
2013 Crop Acreage Data Reported to FSA

<table>
<thead>
<tr>
<th>Oilseed Crop</th>
<th>Washington</th>
<th>Idaho</th>
<th>Oregon</th>
<th>Montana</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canola</td>
<td>30,925</td>
<td>42,014</td>
<td>12,299</td>
<td>67,449</td>
<td>152,687</td>
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<tr>
<td>Rapeseed</td>
<td>-</td>
<td>349</td>
<td>403</td>
<td>3,428</td>
<td>4,180</td>
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<tr>
<td>Camelina</td>
<td>386</td>
<td>1,690</td>
<td>433</td>
<td>1,056</td>
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<tr>
<td>Mustard</td>
<td>3,442</td>
<td>3,729</td>
<td>2,505</td>
<td>20,829</td>
<td>30,505</td>
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<tr>
<td>Safflower</td>
<td>124</td>
<td>23,319</td>
<td>504</td>
<td>33,981</td>
<td>57,927</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>34,877</strong></td>
<td><strong>71,101</strong></td>
<td><strong>16,144</strong></td>
<td><strong>126,743</strong></td>
<td><strong>248,865</strong></td>
</tr>
</tbody>
</table>

PNW Oilseed Acreage by State
- Montana: 51%
- Washington: 14%
- Idaho: 29%
- Oregon: 6%

PNW Oilseed Acreage by Crop
- Canola: 61%
- Safflower: 23%
- Mustard: 12%
- Camelina: 12%
- Rapeseed: 2%