From wrangling hogs to loading a planter: back pain in Midwestern farmers

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## Low Back Pain among US Farmworkers

### Prevalence of low back pain

<table>
<thead>
<tr>
<th>Authors</th>
<th>Study Sample</th>
<th>N</th>
<th>Prevalence</th>
<th>Risk Estimate (ref group)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gomez et al. (2003)</td>
<td>New York farmers</td>
<td>1706</td>
<td>41%</td>
<td></td>
</tr>
<tr>
<td>Park et al. (2001)</td>
<td>Iowa farmers</td>
<td>287</td>
<td>31%</td>
<td>OR = 1.78 (US farmers)</td>
</tr>
<tr>
<td>Rosecrance et al. (2006)</td>
<td>Kansas farmers</td>
<td>266</td>
<td>37.5%</td>
<td></td>
</tr>
<tr>
<td>Shipp et al. (2009)</td>
<td>Migrant workers</td>
<td>390</td>
<td>9.5 – 33.3%</td>
<td></td>
</tr>
<tr>
<td>Xiang et al. (1999)</td>
<td>Colorado farmers</td>
<td>742</td>
<td>26.2%</td>
<td></td>
</tr>
<tr>
<td>Doupgrate et al. (2014)</td>
<td>Dairy parlor workers</td>
<td>452</td>
<td>30.1 %</td>
<td></td>
</tr>
<tr>
<td>Fethke et al. (2015)</td>
<td>Midwest farmers</td>
<td>518</td>
<td>33.2%*</td>
<td></td>
</tr>
<tr>
<td>Lee et al. (2014)</td>
<td>US farmers</td>
<td>987</td>
<td>27.3%**</td>
<td>PR = 1.00 (non farmers)</td>
</tr>
</tbody>
</table>

*2-week period prevalence; **3-month period prevalence; all others 12-month
Farm characteristics
Modalities used to reduce back pain
Perceived mechanisms of back pain
General health
Perceptions of health care
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This course is intended for professionals who work with or have an interest in agricultural health and safety including physicians, nurses, emergency medical responders, physician assistants, health educators, advanced practice nurses, Ag extension, migrant health clinicians, physical therapists, insurance specialists, veterinarians, and safety professionals.
Resources

The National AgrAbility Project provides informational resources on a wide range of topics of interest to agricultural workers with disabilities. Many of these resources are available to be viewed online or for download. Some resources may only be available in print format and may be obtained through the Breaking New Ground Resource Center resource list.

- Disability and Agriculture
- Assistive Technology
- Arthritis
- Back Health
- Caregivers
- Mental/Behavioral Health Issues
- Veterans
- Youth
- Worksite and Vocational Issues
- Communities of Interest
- All Resources Available for Order
• Central States Center for Agricultural Safety and Health – NIOSH 5U54OH010162-05
• AgriSafe Network Inc. – Rural Health Network Development Planning Grant Program-1P10RH27718-01-00