Clubroot and Leduc County
- Leduc County Clubroot Policy
- Elements of regulated control
- Monitoring for clubroot
- Working with Industry
• In 2007, clubroot was declared a pest under the *Agricultural Pests Act*.

• Under the APA, municipalities, producers, and the Province have the obligation to “take active measures” to prevent the introduction and spread of declared pests.
• 2007 – ASB drafted a policy for dealing with clubroot: All canola fields within the County to be inspected with zero tolerance.
• Fields with clubroot issued a notice with a five year restriction (1-in-6 rotation).
• 2008 – notice length reduced to 1-in-5 rotation
• 2009 – notice length reduced to 1-in-4 rotation
• 2010 – notice includes stipulation that only clubroot resistant variety may be grown at the end of the notice
Policy is reviewed annually to allow for changes to policy. Annual meeting with growers, industry, and researchers is used as a source of information and a sounding board for possible changes.
To address the concerns of growers, ASB approved changes to the Policy:

- Removal of “zero-tolerance”
- Fields of “low” infestation *may* not receive a notice
- Landowner will be informed of presence of clubroot and provided suggestions on how to limit the spread of clubroot
- Heavy infestations or lack of management can result in a notice
• 3,281 fields were surveyed between 2007 and 2011
• 296 individual fields were found to be positive (9%)
• Although clubroot locations were GPS’d, no indication of infestation level was determined before 2011
2012 Survey Results

- 826 fields of canola inspected (4,107 since 2007)
- 138 fields found with clubroot (406 since 2007)
- 28 known previously
- 110 new fields
- Either very decayed galls or very small

- Photo from Clint Jurke, Canola Council of Canada
## Severity of Infestation

### 2012 Results

- 109 – between 1-10/100 (79%)
- 17 – between 10-19/100 (12%)
- 6 – between 20-29/100 (4.5%)
- 6 – above 30/100 (4.5%)
- Five notices were issued

### 2011 Results

- 124 – between 1-10/100 (67%)
- 20 – between 10-19/100 (11%)
- 10 – between 20-29/100 (6%)
- 30 – above 30/100 (16%)
- 16 notices were issued
Resistance is NOT a silver bullet!

- Accidental side by side
- Even the resistant variety had a small amount of galls
• Industry
• COMMUNICATION – with Counties, and producers
• Due Diligence with equipment to minimize soil movement – the more earth you move, the more diligent you should likely be.
• Develop a standard procedure to deal with clubroot
• Remember, it is the producer’s land and livelihood but they need to be willing to work with stakeholders, such as yourselves.

• Leduc County
• COMMUNICATION
• Provide Legal Land locations
• Input into procedures and protocols
Questions?