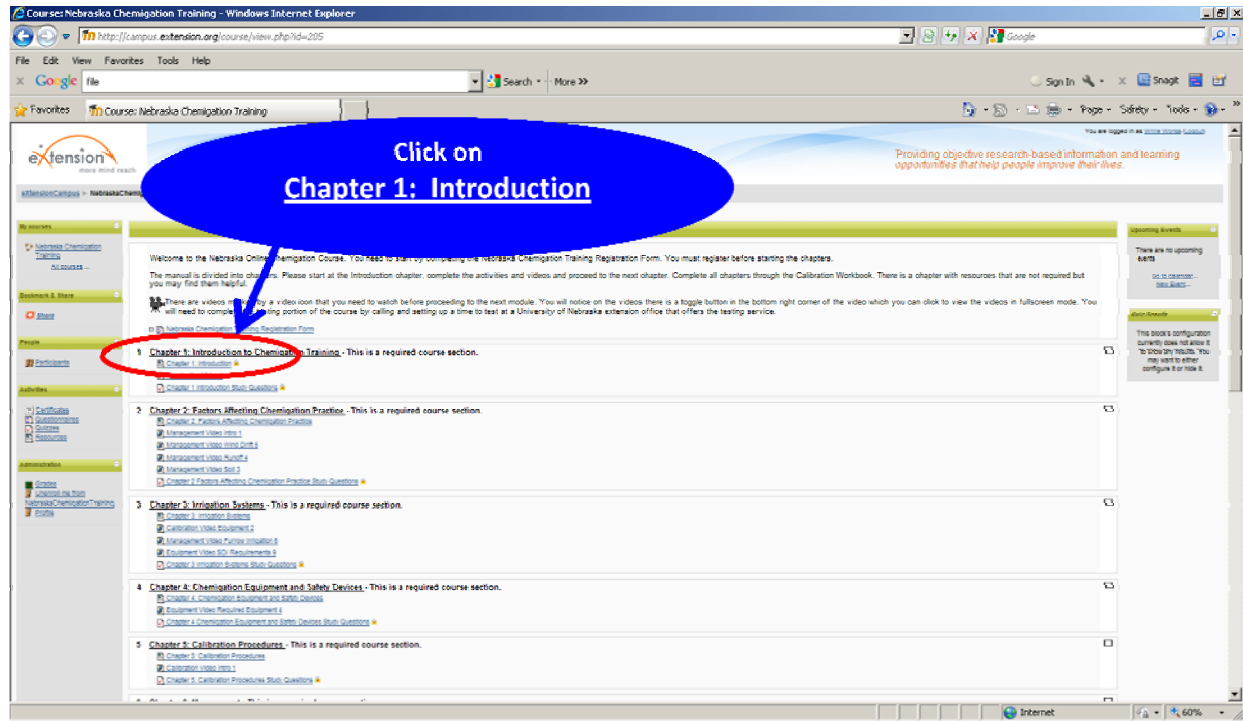



Scroll down and Click on '**Chapter 1: Introduction**' in the blue colored text.



This will take you to Chapter 1 where the introduction information about chemigation will be presented. As you review the text a video clip is imbedded in the chapter for you to watch.

Step 1: Click on the text to watch the video clip

Chapter 1: Introduction

 [Introductory chemigation video is required to complete the training.](#)

Chemigation is the term commonly used to describe the practice of applying agrichemicals (i.e. fertilizer-including livestock waste, insecticides, herbicides and other chemicals) through an irrigation distribution system.

As irrigation technology has become increasingly sophisticated over recent decades, chemigation has become common in many of the semi-arid western states of the U.S. and notably in Nebraska. Unquestionably, the widespread use of the practice is attributable, at least in part, to the several advantages it offers producers (Threadgill, 1985):¹

- Excellent uniformity of chemical application.
- Prescription application of chemicals.
- Easy chemical incorporation and activation.
- Reduced soil compaction.
- Reduced mechanical damage to crop.
- Reduced operator hazards.
- Potential reduction of chemical requirements.
- Potential reduction of adverse environmental impacts.
- Economical (compared to cost of ground or aerial application).
- Effectiveness.

While there are advantages to chemigation, there are also some disadvantages and concerns:

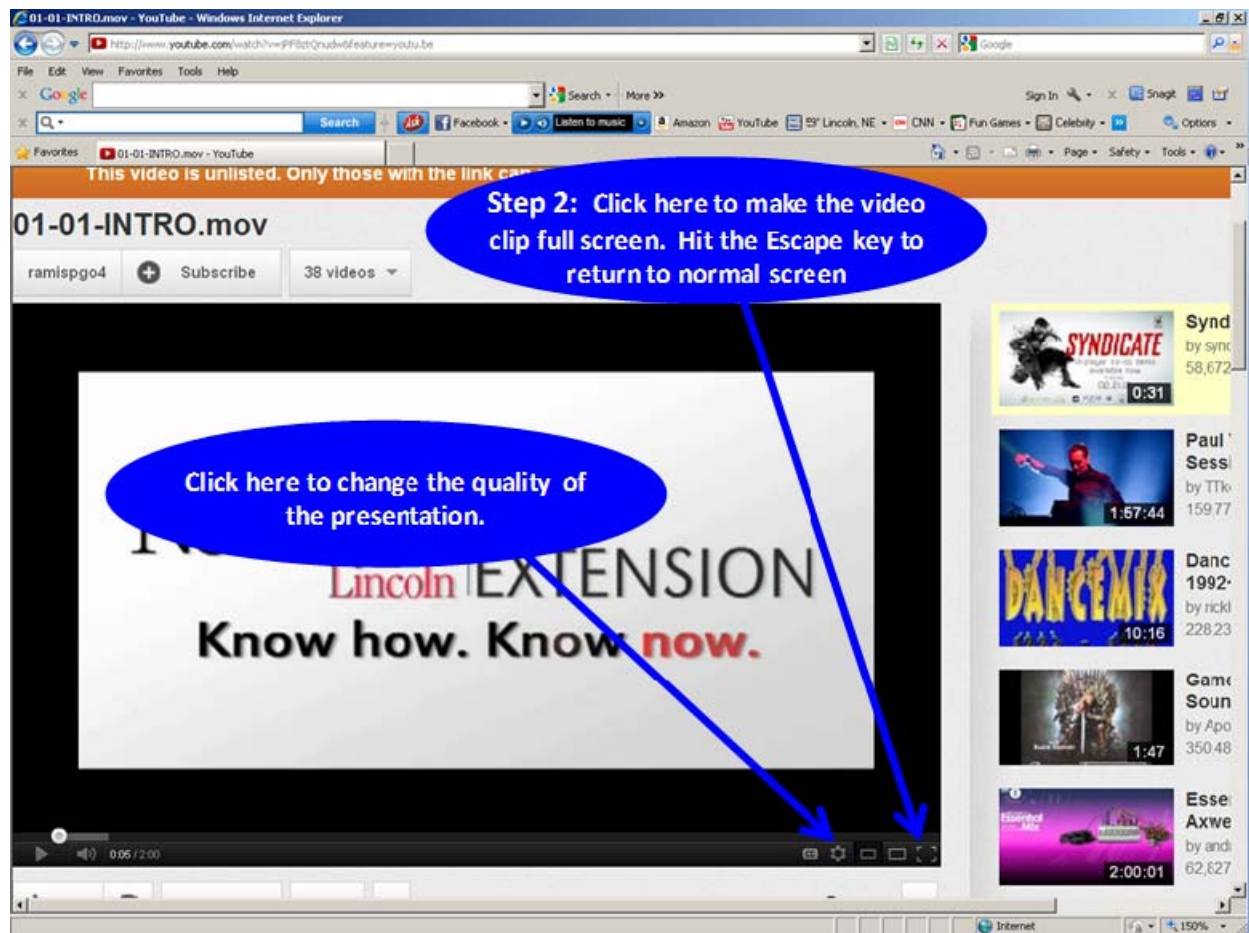
- Additional capital outlay is required for equipment.
- The practice requires more intensive management on the part of the producer.
- There are both human and environmental safety considerations that must be taken into account.

It is the last of the disadvantages that prompted passage of the Nebraska Chemigation Act and subsequent adoption of regulations requiring training and certification of persons who chemigate. This publication, and other materials, are intended as references for producers and others seeking certification as chemigators. It is intended solely as a guide for safe and effective chemigation. Information in this publication should never be used in place of directions contained in chemical injection and irrigation system operator manuals and/or chemical product labels and labeling.

NEXT: [Complete Study Questions on Chapter 1: Introduction.](#)

[Required: Complete Chapter 1 Video Verification Question](#)

Click on the text at the top of the page to watch the video. Be sure to record the letter in the bright red circle. You will need to provide these letters in the verification question of this chapter.



After watching the video clip, Click on '**Review Questions for the Introduction**'. Once you answer the questions Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions, Click on '**Finish Review**' at the bottom of the page.

http://campus.extension.org/mod/resource/view.php?id=12493 - Windows Internet Explorer

http://campus.extension.org/mod/resource/view.php?id=12493

File Edit View Favorites Tools Help


Google Search More >>

Search Facebook Listen to music Amazon YouTube 59° Lincoln, NE CNN Fun Games Celebrity Options

http://campus.extension.org/mod/resource/view.php?id=12493

Page Safety Tools

Chapter 1: Introduction

 [Introductory chemigation video is required to complete the training.](#)

Chemigation is the term commonly used to describe the practice of applying agrichemicals (i.e. fertilizer-including livestock waste, insecticides, herbicides and other chemicals) through an irrigation distribution system.

As irrigation technology has become increasingly sophisticated over recent decades, chemigation has become common in many of the semi-and western states of the U.S. and notably in Nebraska. Unquestionably, the widespread use of the practice is attributable, at least in part, to the several advantages it offers producers (Threadgill, 1985):¹

- Excellent uniformity of chemical application.
- Prescription application of chemicals.
- Easy chemical incorporation and activation.
- Reduced soil compaction.
- Reduced mechanical damage to crop.
- Reduced operator hazards.
- Potential reduction of chemical requirements.
- Potential reduction of adverse environmental impacts.
- Economical (compared to cost of ground or aerial application).
- Effectiveness.

While there are advantages to chemigation, there are also concerns:

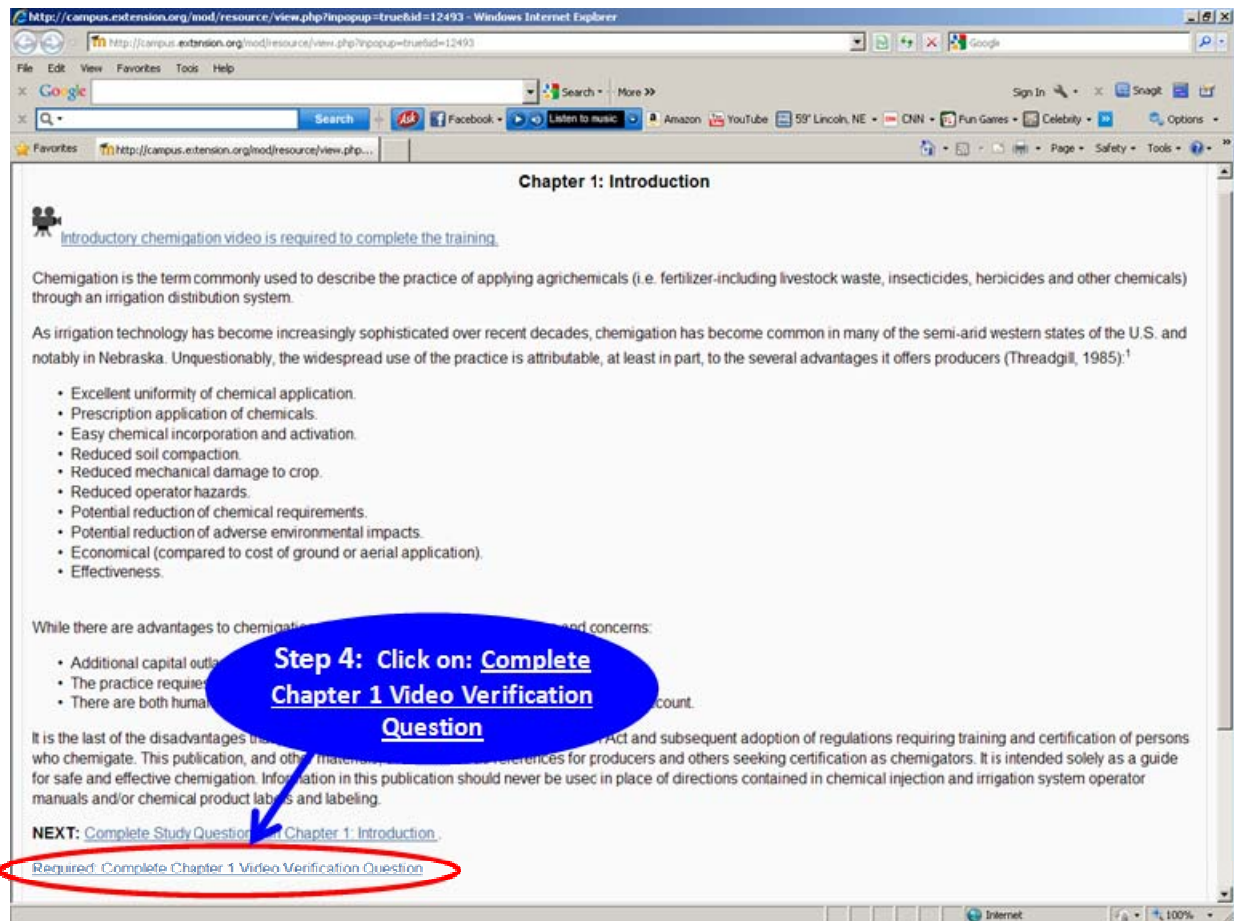
- Additional capital outlay.
- The practice requires specialized equipment.
- There are both human and environmental concerns.

It is the last of the disadvantages that prevents widespread adoption of the practice. The Federal Insecticide, Fungicide, and Rodenticide Act and subsequent adoption of regulations requiring training and certification of persons who chemigate. This publication, and other materials, are intended as references for producers and others seeking certification as chemigators. It is intended solely as a guide for safe and effective chemigation. Information in this publication should never be used in place of directions contained in chemical injection and irrigation system operator manuals and/or chemical product labels and labeling.

Next: [Complete Study Questions on Chapter 1: Introduction.](#)

Required: [Complete Chapter 1 Video Verification Question](#)

Internet 100%



After completing the study questions Click on '**Verification of Chapter 1**' and answer the question based on the letter recorded from the video clip. You must provide the correct answer to this question before you can move on to Chapter 2. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will scroll down to Chapter 2.

Click on '**Chapter 2: Factors Affecting Chemigation**

As you review the text a series of 4 video clips are imbedded in the chapter for you to watch. **Be sure to record the letters in the bright red circles in the video clips. You will need to provide these letters in the verification question of this chapter.** After watching the video clips, Click on '**Review Questions on Factors Affecting Chemigation**' at the bottom of the text. After completing the study questions Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 2**' and answer the question based on the letters recorded from the video clips.

You must provide the correct answer to this question before you can move on to Chapter 3. When completed, Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will scroll down to Chapter 3.

Click on '**Chapter 3: Irrigation Systems**'.

As you review the text a series of 3 video clips are imbedded in the chapter. **Be sure to record the letters in the bright red circles in the video clips.** You will need to provide these letters in the verification question for this chapter. After watching the video clips, Click on '**Review Questions on Irrigation Systems**' at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 3**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 4. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will scroll down to Chapter 4.

Click on '**Chapter 4: Chemigation Equipment and Safety Devices**'.

This chapter has one video clip imbedded in the chapter to watch. **Be sure to record the letter in the bright red circle.** You will need to provide these letters in the verification question for this chapter. After watching the video clip, proceed to Click on **Review Questions on Chemigation Equipment and Safety Devices** at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 4**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 5. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to Chapter 5.

Click on '**Chapter 5: Calibration Procedures**'.

This chapter has only one video clip to view. **Be sure to record the letter in the bright red circle.** You will need to provide these letters in the verification question for this chapter. After watching the video clip proceed to Click on **Review Questions on Calibration Procedures** at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 5**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 6. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to Chapter 6.

Click on '**Chapter 6: Management**'.

This chapter has 3 video clips to view. **Be sure to record the letters in the bright red circles.** You will need to provide these letters in the verification question for this chapter. After watching the video clips proceed to Click on **Review Questions on Management** at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 6**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 7. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to Chapter 7.

Click on '**Chapter 7: Laws and Regulations**'.

This chapter has 2 video clips to view. **Be sure to record the letters in the bright red circles.** You will need to provide these letters in the verification question for this chapter. After watching the video clips proceed to Click on '**Review Questions on Laws and Regulations**' at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 7**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 8. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to Chapter 8.

Click on '**Chapter 8: Summary Nebraska Chemigation Act**'.

This chapter has 6 video clips to view. **Be sure to record the letters in the bright red circles.** You will need to provide these letters in the verification question for this chapter. After watching the video clips proceed to Click on **Review Questions on Summary Nebraska Chemigation Act** at the bottom of the text. After completing the study questions, Click on '**Submit all and finish**' at the bottom of the screen. After reviewing the correct answers to the questions Click on '**Finish Review**' at the bottom of the page. After completing the study questions Click on '**Verification of Chapter 8**' and answer the question based on the letters recorded for each video clip. You must provide the correct answer to this question before you can move on to Chapter 9. Click on '**Nebraska Chemigation Training**' in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to Chapter 9.

Click on '**Chapter 9: Calibration Workbook**'.

This chapter has 13 video clips to view that follow the example in the Calibration Workbook. **Be sure to record the letters in the bright red circles.** You will need to provide these letters in the verification question for this chapter. After watching the video clips proceed to Click on **Review Questions on Calibration Workbook** at the bottom of the text. After completing the study questions, Click on **'Submit all and finish'** at the bottom of the screen. After reviewing the correct answers to the questions Click on **'Finish Review'** at the bottom of the page. After completing the study questions Click on **'Verification of Chapter 9'** and answer the question based on the letters recorded from the video clips. You must provide the correct answer to this question before you can move on to make arrangements to take the test online. Click on **'Nebraska Chemigation Training'** in the orange box at the bottom of the page which will return you to the opening page where you will again scroll down to print off the certificate to keep for your records.

Course: Nebraska Chemigation Training - Windows Internet Explorer

http://campus.extension.org/course/view.php?id=205

File Edit View Favorites Tools Help

Google Search

Sign In Snagit Options

Course: Nebraska Chemigation Training

- Calibration Video Step 1
- Calibration Video Step 2
- Calibration Video Step 3
- Calibration Video Step 4
- Calibration Video Step 5
- Calibration Video Step 6
- Calibration Video Step 7
- Calibration Video Step 8
- Calibration Video Pesticide Example
- Calibration Video Summary
- Chapter 9 Calibration Workbook Study Questions
- Verification of Chapter 9

10 **Chapter 10: Appendices** - Appendices are reference material.

- Appendix A
- Appendix B
- Appendix C
- Appendix D
- Appendix E
- Appendix F
- Appendix G
- Appendix H
- Appendix I
- Appendix J
- Appendix K
- Appendix L
- Appendix M
- Appendix N
- Appendix O
- Appendix P
- Appendix Q
- Appendix R
- Appendix S
- Appendix T
- Appendix U
- Appendix V
- Appendix W
- Appendix X
- Appendix Y
- Appendix Z

11 **Calculators**

- Chemigation Calculator Spreadsheet

12 **Chemigation Test**

- Chemigation Test

13 **Certificate of Study Material Completion**

- Nebraska Chemigation On-line Training Study Materials Completion

14 **Certificate**

- Nebraska Chemigation Training Certificate

15

Moodle Docs for this page

© 2012 extension. All rights reserved. You are logged in as William Krasz (Logout) Home partners privacy contact us disclaimer terms of use

Internet 100%