

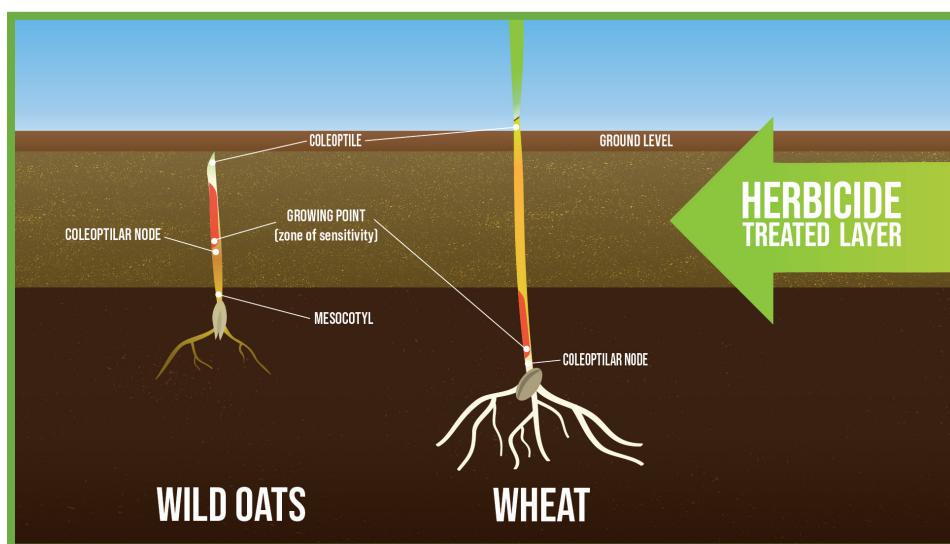
# SCRAPEBACK ANALYSIS - OBSERVING GOWAN SOIL RESIDUAL HERBICIDES **WORKING IN THE FIELD**

**Gowan**  
CANADA

## INTRODUCTION

Whether you call it herbicide layering, sequential herbicide applications, or a PRE + POST weed control program, using a soil residual herbicide like **Avadex® MicroActiv®**, **Avadex® Liquid EC**, **Edge® MicroActiv®**, **Fortress® MicroActiv®** or **Treflan® Liquid EC** followed by an in-crop herbicide is an agronomically sound solution to managing weeds in your crop.

Application and incorporation creates a herbicide layer that weeds encounter as they germinate, resulting in suppression or control. Group 15 **Avadex** and **Fortress** work on wild oats as the growing points move through the treated layer. Group 3 **Edge**, **Fortress** or **Treflan** are intercepted by the roots of germinating seeds in the treated layer.



**AVADEX**  
LIQUID EC  
HERBICIDE (GR 15)

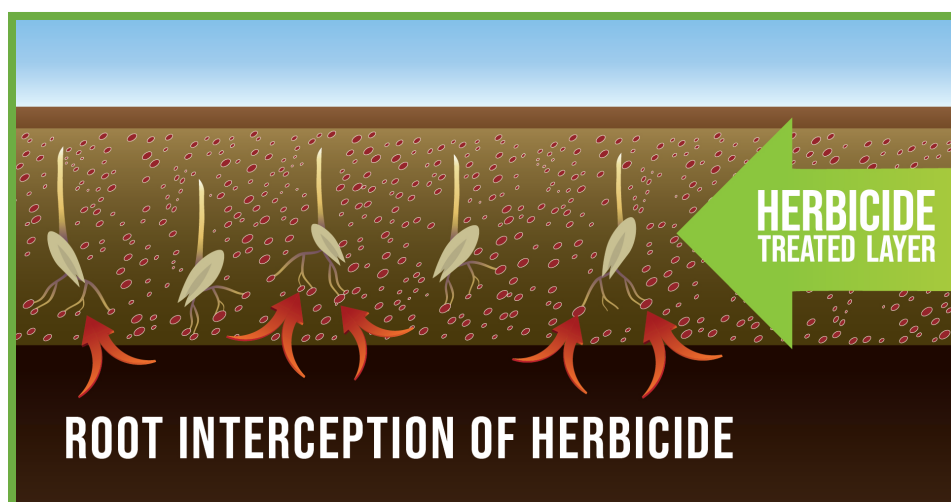
**AVADEX**  
MICROACTIV  
HERBICIDE (GR 15)

**FORTRESS**  
MICROACTIV  
HERBICIDE (GR 3,15)

**EDGE**  
MICROACTIV  
HERBICIDE (GR 3)

**FORTRESS**  
MICROACTIV  
HERBICIDE (GR 3,15)

**TREFLAN**  
LIQUID EC  
HERBICIDE (GR 3)



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## SEEING IS BELIEVING

The best method for assessing weed control performance is to perform a scrapeback of the soil to see Avadex, Edge, Fortress or Treflan herbicides at work.

### Recommendations for Scrapeback Assessment

- Treated fields should be looked at after the crop is up, but prior to any post emergent herbicide application.
- Look in different areas of the treated field and compare against a check strip. Weeds tend to be in patches so use these areas to assess.
- Wild Oats is an excellent weed to look for symptomology of Avadex, Edge, Fortress or Treflan
- Use a tool such as a garden trowel to gently scrapeback the top 2.5 - 5 cm (1 - 2 inches) of soil to observe symptoms of the weeds being targeted. Compare weed development from untreated zones.

### Herbicide Activity Symptoms

**AVADEX**  
LIQUID EC  
HERBICIDE (GR 15)

**AVADEX**  
MICROACTIV  
HERBICIDE (GR 15)

**FORTRESS**  
MICROACTIV  
HERBICIDE (GR 3,15)

**EDGE**  
MICROACTIV  
HERBICIDE (GR 3)

**TREFLAN**  
LIQUID EC  
HERBICIDE (GR 3)

- Controlled wild oats pinched off beneath surface
- White or yellowing shoots
- Brittle shoots
- Desiccated or dead wild oats

- Stunted root and shoot systems
- Swelling of the shoot
- Purple or yellow colouration
- Desiccated or dead susceptible weeds above or in the soil



For more information, please contact your local Gowan Canada Sales Representative, call 1-800-960-4318 or visit us online at [gowancanada.com](http://gowancanada.com)

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