



Weed Management Strategies in Brassica and Other Oilseed Crops

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Canola/Rapeseed

■ Sonalan

- Preplant Incorporated
- 5.5 – 9.5 # Sonalan
10G/A
- 1.5-2.5 pts Sonalan
HFP/A

■ Treflan

- Preplant Incorporated
- 5 – 10 # Treflan TR10/A
- 1 – 2 pints Treflan HFP/A





Canola/Rapeseed



■ Grasses

■ Assure II

- 5 to 12 oz/appl.
- ≤ 18 oz/season

■ Poast

- 1 to 2.5 pts/appl.
- ≤ 5 pts/season

■ Select 2EC

- ≤ 6 oz/appl.
- ≤ 16 oz/season

Broadleaf Weeds

- **Stinger, Others (Clopyralid)**
 - Postemergence
 - 1 application per crop
 - 2 to 6 lf crop stage
 - 0.25 to 0.5 pt/A
 - May be tankmixed
 - Could compromise rotation ~ **Legumes**



Herbicide-Resistant Weed Management Systems



- **GMO's**
 - LibertyLink®
 - Roundup Ready®
- **NonGMO's**
 - Clearfield®
 - ExpressSun™
 - Sunflowers only



CLEARFIELD®
production system |

Herbicide Resistant Canola

- Only Clearfield Canola may be planted in the next season following Pursuit, Raptor, or Beyond at labeled rates



Herbicide-Resistant Canola Clearfield

- Clearfield Seed

- Beyond herbicide

- Only for use in Clearfield Canola, Sunflower, or Wheat
- Apply 4 oz Beyond/A + surfactant + N fertilizer
- Label recommends soil applied grass herbicide prior to Beyond
- Early POST but before canola bloom



Herbicide-Resistant Canola Roundup Ready



- Roundup Ready Seed
- Roundup and other glyphosate herbicides
 - Glyphosate only
 - Roundup Original MAX (4.5# a.e./gal.)
 - Spring canola
 - Single application
 - 11 to 16 oz./A
 - Sequential
 - 11 + 11 oz/A
 - Emerge to 6 lf canola



Roundup Ready Canola

■ Winter Canola

- Single application
 - 16 to 22 oz./A Fall
- Sequential
 - 11 to 22 oz/A Fall +
11 to 22 oz/A Spr.
- Emerge to bolting
canola

■ Spring Canola

- Up to 44 oz preplant,
planting,
preemergence
- Up to 22 oz POST

■ Winter Canola

- Up to 44 oz preplant,
planting,
preemergence
- Up to 44 oz POST

Herbicide-Resistant Canola LibertyLink®



- LibertyLink Seed
- Liberty herbicide
 - Glufosinate
 - 28 to 34 oz./A per application
 - Sequential 20 oz./A plus 20 oz./A
 - Do not exceed 68 oz/A per crop
 - 70 d plantback to wheat, barley, triticale

Treatments	Rate	Timing	D. Brome	D. Brome	Prickly Lettuce
			4/30/08	5/15/08	9/9/08
------%-----					
Ethafluralin	0.75	PREE	40	94	80
Glyphosate	0.78	SPPOST			
Ethafluralin	0.75	PREE	31	41	78
Clopyralid	0.094	SPPOST			
Ethafluralin	0.75	PREE	25	30	95
Clopyralid	0.188	SPPOST			
Ethafluralin	0.75	PREE	50	60	83
Clethodim	0.09	SPPOST			
Ethafluralin	0.75 I	PREE	56	51	73
Glyphosate	0.5	FPOST	84	93	86
Glyphosate	0.5	SPPOST			
Glyphosate	0.78	SPPOST		94	95
Clopyralid	0.094	SPPOST			86
Clopyralid	0.188	SPPOST			95
Quizalofop	0.08	SPPOST		70	
Clethodim	0..09	SPPOST		55	86
Sethoxydim	0.188	SPPOST		71	64



Feral rye control February 19, 2010

Controlled feral rye in roundup ready winter canola from 2009 fallow
Controlled on right Check strip not sprayed on left Winter canola
North Douglas County Seeded August 20, 2009



Feral Rye control 4/23/2010

Second crop of feral rye in winter canola after 2009 fallow
Controlled skeletons nearby and in distance. Rye growth since Feb spray
North Douglas Co



Questions

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Extension Bulletins

PNW 0437

Herb. Res. Weeds & Their Mgmt.

PNW 0571

Plantback Restrictions...

PNW 0572

**Mgmt. Strategies for Prev. Herb.
Resist. Grass Weeds in Clearfield
Wheat Systems**

<http://ext.wsu.edu/>

**[http://www.uidaho.edu/
extension/](http://www.uidaho.edu/extension/)**