

Fall Armyworm Control Products for Forage Crops

Compiled by Dan Wells, Livestock Extension Agent-NC Cooperative Extension, Johnston County

Edited by Dr. Rick L. Brandenburg, NCSU Entomology & Plant Pathology

This information below is to serve as a decision aid in controlling Fall Armyworms in pastures and hayfields. Always obey label instructions for any pesticide.

Price per acre estimates based on 2017 Univ. of Nebraska-Lincoln publication at labeled rates of product only (does not include tax, custom application, etc.) Local pricing may vary.

Name R=rest. Use	Active Ingredient	Rate/acre	Graze/Hay Restriction	Reapply	Residual	Signal	Comments
Tombstone Helios R	Cyfluthrin	1.6-1.9 oz	0/0 7 days for alfalfa	5 days Max 4 per cutting	Short	Warning	First and Second instars only
Baythroid R	Beta-cyfluthrin	2.6-2.8 oz \$7-8/ac	0/0 7 alfalfa	5 days Max 4 per cutting	Short	Warning	First and Second instars only
Prevathon	Chlorantaniliprole (Rynaxypyr)	10-13 oz \$15-19/ac	0g/0h	7 days Max 4 per crop	Yes		Larvae paralyzed soon after eating, death in 2-3 days
Coragen	Chlorantaniliprole (Rynaxypyr)	3.5-5 oz \$31-44/ac	0g/0h	7 days Max 4 per crop	Yes		
Dimilin 2L R	Diflubenzuron	2 oz \$5.31/ac	0g/1 h	1 per cutting	Yes	Caution	Apply before larvae are ½" long, or at first sign of an egg hatch.
Intrepid 2F	Methoxyfenozide	4-8 oz Depend on coverage and severity	0g/ 7 h	1 per cutting	Yes	Caution	Larvae stop feeding immediately, take several days to die.

Lannate R	Methomyl	.75-3 pints \$17-35/ac	7g/ 3 h REI 48 h	Max 4 per cutting	Short	Danger/ Poison	<i>For bermudagrass only!</i>
Blackhawk	Spinosad	1.1-2.2 oz \$6.87- 13.75/ac	0g/ 3 h	3 times in 21 days (see label)	?	Caution	
Mustang Maxx R	zeta-cypermithrin	2.8-4 oz \$4.15- 5.93/ac	0g/0h	1 per cutting	Short	Warning	
Sevin 4F, Sevin-XLR, others	Carbaryl	2.6-2.8 fl oz \$1.21- 1.31/ac	0g 7 alfalfa	5 days Max 4 per cutting	Short	Caution	Rainfall within 24-48 hours can wash off product.
Declare R	Gamma- cyhalothrin	1.02-1.54 fl oz \$1.59- 2.40/ac	0g/7h	1 per cutting	Short	Warning	
Karate/Warrior II with Zeon R	Lambda- cyhalothrin	1.28-1.92 fl oz \$3.80- 5.70/ac	1g/7h	1 per cutting	Short	Warning	
Besiege R	Lambda- cyhalothrin + cloranthraniliprole	6-10 fl oz \$14- 23/ac	1g/ 7h	1 per cutting	Yes	Warning	Apply minimum 10 gal/acre of spray solution.
Tank Mix Silencer R and Dimilin R	Lambda- cyhalothrin + diflubenzuron	3.8 oz + 2 oz \$7.24/ac	1g/7h	1 per cutting	>3 wk per U of AR*	Warning /Caution	*Faulkner County Ag Update- June 28, 2019