

GUIDE TO FALL DORMANCY AND WINTER HARDINESS

	Fall Dormancy*	Winter Hardiness*	
Cimarron VL400	4	4	<p>Higher fall dormancy scores mean more fall growth. Fall dormancy ratings of 4, 5 and 6 indicate moderate fall dormancy and active growth throughout the fall, even after frost.</p> <p>Lower winter hardiness scores mean greater winter hardiness. Varieties with winter hardiness ratings of 4 and below can be grown throughout the United States. Varieties with a winter hardiness rating of 5 is best suited to the central and southern United States. HayGrazer and Cimarron Brand 419 have exceptional winter hardiness.</p>
Cimarron VL500	5	4	
Cimarron VL600	6	5	
Cimarron SR	4	4	
Cimarron Brand 419	4	2.5	
Cimarron Brand 519	5	4	
HayGrazer	4	2.5	
Key II	5	4	

*Rated on a scale of 1 to 9

GUIDE TO ALFALFA PEST RESISTANCES

Insect and Nematode	Pea Aphid	Spotted Alfalfa Aphid	Blue Alfalfa Aphid	Alfalfa Weevil	Stem Nematode
Cimarron VL400	HR	HR	R	T	R
Cimarron VL500	HR+	HR+	R	T	R
Cimarron VL600	HR+	HR+	R	MT	R
Cimarron SR	HR	R	MR	T	R
Cimarron Brand 419	R	R	-	-	R
Cimarron Brand 519	HR	HR	-	MT	R
HayGrazer	R	R	-	T	R
Key II	HR	HR	MR	-	MR

Leaf and Stem Diseases	Anthrax-nose	Spring Black Stem	Summer Black Stem	Lepto Leaf Spot	Common Leaf Spot
Cimarron VL400	HR	HR	R	R	R
Cimarron VL500	HR+	R	R	MR	R
Cimarron VL600	R	R	R	MR	R
Cimarron SR	HR	R	MR	MR	R
Cimarron Brand 419	R	R	-	-	R
Cimarron Brand 519	HR	R	MR	-	R
HayGrazer	R	R	MR	-	R
Key II	HR	R	MR	-	R

Root and Crown Diseases	Phytophthora Root Rot	Aphanomyces Root Rot	Fusarium Wilt	Bacterial Wilt	Verticillium Wilt	Sclerotinia Crown Rot
Cimarron VL400	HR	R	HR	R	R	R
Cimarron VL500	HR	MR	R	R	R	-
Cimarron VL600	HR	MR	R	R	MR	-
Cimarron SR	HR	MR	HR	HR	HR	R
Cimarron Brand 419	HR	MR	HR	HR	R	-
Cimarron Brand 519	HR	MR	HR	HR	R	-
HayGrazer	R	MR	HR	HR	R	-
Key II	HR	MR	HR	HR	HR	-

Enhanced Resistance [HR+], High Resistance [HR], Resistance [R], Moderate Resistance [MR], Tolerance [T], Moderate Tolerance [MT], Not Tested [-]