

2021

Annual mixture seeding ratio treatments, 2021.

Legume species	Seeding rate (lbs ac ⁻¹)		Seeding ratio Grass : Legume
	Grass	Legume	
Red clover variety: Alta- Swede	0	12	0:100
	7.5	9	40:60
	15.0	6	70:30
	22.5	3	90:10
	30	0	100:0
Crimson clover variety: Dixie	0	15	0:100
	7.5	11.3	40:60
	15.0	7.5	70:30
	22.5	3.75	90:10
	30	0	100:0

RESULTS

Seasonal precipitation and temperatures, recorded with a Davis Instruments Vantage Pro 2 weather station with a WeatherLink data logger in Alburgh, VT, are shown in Table 3. Although the early season brought cool, wet conditions, temperatures quickly rose, and rainfall dissipated by early June, the typical planting time for summer annual forages. Rainfall was below normal with the region being designated as experiencing abnormally dry or moderate drought conditions (Drought.gov) throughout the season. Much of the rain that fell throughout the season came in short duration storms. On average, July temperatures were over 4 degrees below normal while August temperatures were 3 degrees above normal. Both July and August rainfall accumulations were over an inch below normal. Overall, there were a total of 1885 Growing Degree Days (GDDs) accumulated during these months, 24 more than the 30-year normal.

Table 3. Seasonal weather data collected in Alburgh, VT, 2021.

Alburgh, VT	June	July	August
Average temperature (°F)	70.3	68.1	74.0
Departure from normal	2.81	-4.31	3.25

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