

# 280 Ackley Improved

Case: Nosler

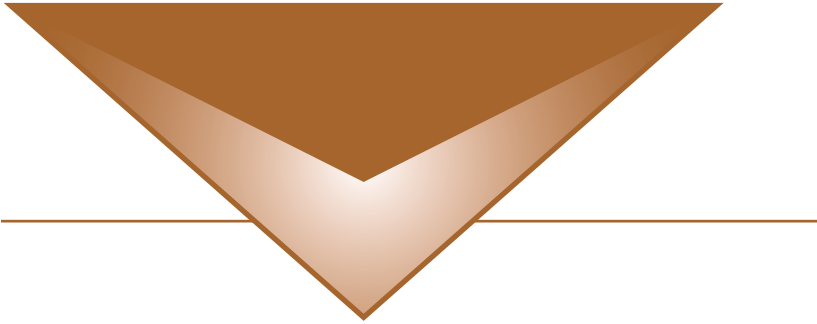
Primer: Federal 210

Case Trim: 2.525"

Barrel Length: 24"

Twist Rate: 1:9"

Barrel: Bartlein



Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.

\**Most Accurate Load*

° Compressed Load

## 280 Ackley Improved



110-grain TTSX FB  
Sectional Density .195  
Ballistic Coefficient .319  
C.O.A.L 3.270"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
RL 15	49.5	3121	55.0	3429
IMR 4007ssc	53.3	3166	59.3	3483
Power Pro 2000MR	51.9	3196	57.6	3486
Win 760	53.9	3163	59.8	3482
IMR 4350	56.5	3171	62.8 <sup>c</sup>	3553
*Hybrid 100v	56.0	3239	62.2 <sup>c</sup>	3574



120-grain TSX BT  
Sectional Density .213  
Ballistic Coefficient .349  
C.O.A.L 3.235"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
Power Pro 2000MR	50.6	3078	56.3	3360
Win 760	52.6	3061	58.4	3360
*RL 17	54.0	3072	60.0	3460
IMR 4350	54.7	3021	60.8	3409
Hunter	59.5	3205	66.1 <sup>c</sup>	3474
Hybrid 100v	53.9	3080	59.9 <sup>c</sup>	3415



120-grain TTSX BT  
Sectional Density .213  
Ballistic Coefficient .373  
C.O.A.L 3.270"

Suggested Bullet Use



Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.

<sup>\*</sup>Most Accurate Load

<sup>c</sup> Compressed Load

## 280 Ackley Improved



140-grain TSX BT  
Sectional Density .248  
Ballistic Coefficient .394  
C.O.A.L 3.235"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
RL 17	50.6	2858	56.3	3169
*IMR 4350	51.0	2834	56.7	3123
Hunter	56.4	2962	62.6 <sup>c</sup>	3196
Hybrid 100v	50.4	2845	56.0	3123
RL 19	54.6	2886	60.6 <sup>c</sup>	3179
H4831sc	57.0	2845	63.3 <sup>c</sup>	3113



140-grain TTSX BT  
Sectional Density .248  
Ballistic Coefficient .412  
C.O.A.L 3.270"

Suggested Bullet Use



145-grain LRX BT  
Sectional Density .257  
Ballistic Coefficient .486  
C.O.A.L 3.300"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
RL 17	49.5	2760	55.0	3062
*IMR 4350	49.5	2746	55.0	3034
Hunter	55.8	2879	62.0 <sup>c</sup>	3124
Hybrid 100v	49.3	2746	54.8	3047
RL 19	51.7	2775	57.4 <sup>c</sup>	3062
H4831sc	54.8	2768	60.9 <sup>c</sup>	3035

Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.

\*Most Accurate Load

<sup>c</sup> Compressed Load

## 280 Ackley Improved



150-grain TSX BT  
Sectional Density .266  
Ballistic Coefficient .408  
C.O.A.L 3.250"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
*RL 17	48.7	2759	54.1	3033
IMR 4350	50.0	2733	55.6	3004
Hunter	56.1	2873	62.3 <sup>c</sup>	3103
Hybrid 100v	49.0	2720	54.4	2994
RL 19	51.4	2764	57.1 <sup>c</sup>	3027
H4831sc	54.5	2753	60.5 <sup>c</sup>	3001



150-grain TTSX BT  
Sectional Density .266  
Ballistic Coefficient .450  
C.O.A.L 3.270"

Suggested Bullet Use



160-grain TSX FB  
Sectional Density .283  
Ballistic Coefficient .392  
C.O.A.L 3.230

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
*IMR 4350	48.2	2595	53.5	2831
Hunter	53.8	2736	59.8 <sup>c</sup>	2955
H4831sc	52.1	2616	57.9	2842
Powder Pro 4000MR	50.9	2632	56.6	2904
RL 22	49.6	2606	55.1	2853
IMR 7828ssc	54.6	2664	60.6	2922

Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.

\*Most Accurate Load

<sup>c</sup> Compressed Load

## 280 Ackley Improved



168-grain LRX BT  
Sectional Density .298  
Ballistic Coefficient .550  
C.O.A.L 3.300"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
IMR 4350	45.9	2515	51.0	2743
Hunter	50.7	2670	56.3	2851
H4831sc	49.7	2544	55.3	2766
*Power Pro 4000MR	49.2	2559	54.6	2837
RL 22	47.0	2506	52.2	2766
IMR 7828ssc	52.2	2538	58.0	2792

RECOMMENDED TWIST: 1:8" OR FASTER



171-grain Match Burner  
Sectional Density .303  
Ballistic Coefficient .645  
C.O.A.L 3.330"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
IMR 4350	48.6	2556	54.0	2817
Hunter	51.1	2606	56.8	2839
H4831sc	51.8	2548	57.6	2806
Power Pro 400MR	50.1	2567	55.6	2871
*RL 22	51.8	2577	57.6	2869
IMR 7828ssc	50.5	2554	56.1	2821

Maximum Loads Should Be Used With Caution - Always Start With Minimum Loads.

\*Most Accurate Load

° Compressed Load

## 280 Ackley Improved



175-grain TSX FB  
 Sectional Density .310  
 Ballistic Coefficient .417  
 C.O.A.L 3.230"

Suggested Bullet Use



Powder	Minimum		Maximum	
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)
IMR 4350	46.3	2421	51.4	2677
Hunter	48.2	2499	53.6	2707
H4831sc	50.1	2474	55.7	2694
Power Pro 4000MR	49.1	2467	54.6	2740
*RL 22	48.3	2533	53.7	2715
IMR 7828ssc	49.0	2467	54.5	2702

RECOMMENDED TWIST: 1:9" OR FASTER