

Protein Reference Chart



ADM Alliance Nutrition™
Proven Performance from Innovative Nutrition™

Protein Blocks

Product Number Product Name	Protein (%)	NPN CPE (%)	Fat (%)	Fiber (%)	Ca (%)	P (%)	NaCl (%)	K (%)	Mg (%)	Cu (ppm)	Se (ppm)	Zn	Mn	Co	I	Vit A (IU/lb)	Vit D	Vit E (IU/lb)
520 Mintrate Block "A" (Red)	38	12	1.0	6.5	2.6-3.6	1.5	12.0-14.4	1.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
522 Mintrate Block Blonde A	42	12	1.0	7.0	2.5-3.5	1.5	3.5-4.5	1.0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
523 Mintrate Block Brunette A	38	13	1.0	6.0	4.4-5.4	2.1	13.7-16.4	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
525 Mintrate Block Brunette A	36	13.5	0.5	8.0	4.4-5.4	2.1	13.7-16.4	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
527 Mintrate Ranch Block Blonde A	42	12	0.5	7.0	2.5-3.5	1.5	3.5-4.5	1.2	Yes	30-60	6.6	Yes	Yes	Yes	Yes	60,000	Yes	50
528 Mintrate Ranch Block "A" (Red)	38	12	1.0	6.5	2.6-3.6	1.5	12.0-14.4	1.0	Yes	30-50	6.6	Yes	Yes	Yes	Yes	60,000	Yes	50
529 Mintrate Ranch Block Brunette A	38	13	1.0	6.0	4.4-5.4	2.1	13.7-16.4	0.7	Yes	30-50	6.6	Yes	Yes	Yes	Yes	60,000	Yes	50
531 Mintrate Block Brunette XH	35	14	1.0	6.0	4.4-5.4	2.0	13.7-16.4	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
534 Mintrate Mag Block	39	12	0.5	7.0	2.7-3.7	1.5	3.5-4.5	1.0	3.0	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
535 Mintrate Mag Block Red	35	12	1.0	6.5	2.6-3.6	1.5	12.0-14.4	0.9	3.0	Yes	Yes	Yes	Yes	Yes	Yes	60,000	Yes	50
545 Energized Ranch Block Blonde	20	0	1.0	11.0	2.3-2.8	1.2	9.0-10.8	0.6	Yes	20-40	2.1	Yes	Yes	Yes	Yes	20,000	Yes	Yes
546 Energized Ranch Block Red	20	0	1.0	11.0	2.4-2.9	1.2	11.1-13.3	0.6	Yes	20-40	2.1	Yes	Yes	Yes	Yes	20,000	Yes	Yes
547 Energized Ranch Block Brunette	20	0	1.0	11.0	2.4-2.9	1.2	12.8-15.3	0.6	Yes	20-40	2.1	Yes	Yes	Yes	Yes	20,000	Yes	Yes
532 & 10155 Mintrate Blonde Block RU	42	12	0.5	7.0	2.5-3.5	1.5	3.5-4.5	1.2	Yes	Yes	4.9	Yes	Yes	Yes	Yes	60,000	Yes	Yes
533 Mintrate Blonde Block BT	42	12	0.5	7.0	2.5-3.5	1.5	3.5-4.5	1.2	Yes	Yes	4.9	Yes	Yes	Yes	Yes	60,000	Yes	Yes
537 Mintrate Red Block RU	38	12	1.0	6.5	2.6-3.6	1.5	12.0-14.4	1.0	Yes	Yes	4.9	Yes	Yes	Yes	Yes	60,000	Yes	Yes
538 Mintrate Red Block BT	38	12	0.5	6.5	2.6-3.6	1.5	11.7-14.0	1.0	Yes	Yes	4.9	Yes	Yes	Yes	Yes	60,000	Yes	Yes
50168 Range Fortifier 37/18	37	18	1.0	8.0	3.3-4.3	0.7	15.0-17.0	0.4	Yes	Yes	3.6	Yes	Yes	Yes	Yes	33,000	2,200	27.5
50191 Hi Mag Protein	32	16	1.0	6.0	5.0-6.0	0.5	16.0-18.0	1.0	4.0	Yes	3.3	Yes	Yes	Yes	Yes	30,000	3,000	30

NOTE: "YES" indicates inclusion rate meets or exceeds NRC requirements when fed with average quality forages. Nutrient levels of products may vary slightly depending on manufacturing location. Check for local availability. Not all products are available in all areas.

Selection Guidelines for Alliance Nutrition's Complete Protein & Mineral Supplements

	Mintrate® XL 80 Roughage Buster® 100 XH Mintrate Block Range Maximizer 20% AN or 25/17 Range Fortifier 37/18	Prospector® 32/16 Caramel Mintrate XL 60 Roughage Buster 80 Brunette Mintrate Block Range Maximizer 20% AN or 25/17 Range Fortifier 37/18	Prospector 20 Plus or 20/10 Caramel Mintrate XL 30 or 40 Roughage Buster 60 Red Mintrate Block Roughage Buster Plus 35 Range Maximizer 20% AN or 25/17 Range Fortifier 37/18	Prospector 14 Caramel Mintrate XL 20 or 30 Blonde Mintrate Block Roughage Buster Plus 25 Range Maximizer 20% AN or 25/17 Range Fortifier 37/18
Forage Quality	Poor	Low	Average	Good
Crude Protein	<4%	4-6%	6-8%	>8%
TDN	<45%	45-50%	50-55%	>55%

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Product Number Product Name	Protein (%)	NPN CPE (%)	Biuret	Fat (%)	Fiber (%)	Ca (%)	P (%)	NaCl (%)	K (%)	Mg (%)	Cu (ppm)	Se (ppm)	Zn (ppm)	Mn (ppm)	Co (ppm)	I (ppm)	Vit A (IU/lb)	Vit D (IU/lb)	Vit E (IU/lb)
Tubs																			
<i>Pressed</i>																			
550 Mintrate XL 30	30	17.5	Yes	2.5	5.0	2.7-3.7	1.5	11.0-13.0	1.0	2.7	Yes	Yes	Yes	Yes	Yes	Yes	45,000	Yes	50
10093 Mintrate XL 60	60	50	Yes	0.5	4.5	3.0-4.0	2.5	10.7-12.8	1.0	3.2	Yes	Yes	Yes	Yes	Yes	Yes	150,000	Yes	100
11060 Mintrate XL 80	80	77	Yes	0.5	4.0	4.4-5.4	4.0	3.4-4.4	0.55	3.7	Yes	Yes	Yes	Yes	Yes	Yes	200,000	Yes	160
11080 Mintrate XL 40	40	31	Yes	2.5	4.0	3.4-4.4	1.9	11.1-13.3	0.9	2.7	Yes	Yes	Yes	Yes	Yes	Yes	57,000	Yes	70
11081 Mintrate XL 20	20	5	No	4.5	6.5	1.4-1.9	0.75	11.4-13.6	0.8	2.7	Yes	Yes	Yes	Yes	Yes	Yes	20,000	Yes	22
<i>Cooked</i>																			
549 Roughage Buster Plus 25	25	12	Yes	5.0	2.0	1.8-2.3	1.5	1.8-2.3	2.5	0.3	Yes	Yes	Yes	Yes	Yes	Yes	50,000	Yes	100
9243 Roughage Buster Plus 35	35	17.5	Yes	4.0	2.0	1.5-2.0	1.5	1.0-1.5	2.5	1.3	Yes	Yes	Yes	Yes	Yes	Yes	50,000	Yes	100
50174 Prospector Hi Mag Caramel	14	–	No	4.0	3.0	2.5-3.5	2.0	1.5-2.0	2.5	4.0	175	4.4	880	880	2.2	6.6	60,000	6,000	150
50175 Prospector 20 Caramel Plus	20	–	No	4.0	2.0	2.5-3.5	2.0	1.5-2.0	2.0	0.3	175	4.4	880	880	2.2	6.6	60,000	6,000	150
50176 Prospector 32/16 Caramel Plus	32	16	No	4.0	2.0	2.5-3.5	2.0	1.5-2.0	2.5	0.3	175	4.4	880	880	2.2	6.6	60,000	6,000	150
50184 Prospector 14 Caramel	14	–	No	4.0	2.0	2.5-3.5	1.0	1.5-2.0	2.5	0.25	175	4.4	880	880	2.2	6.6	30,000	3,000	50
50185 Prospector 20/10 Caramel	20	10	No	4.0	2.0	2.5-3.5	1.0	1.5-2.0	2.5	0.25	175	4.4	880	880	2.2	6.6	30,000	3,000	50
<i>Poured</i>																			
50194 Range Maximizer 20	20	–	No	5.0	2.0	4.0-5.0	1.0	5.5-6.6	1.4	2.25	Yes	Yes	Yes	Yes	Yes	Yes	40,000	Yes	Yes
50232 Range Maximizer 25/17	25	17	No	5.0	2.0	4.0-5.0	1.1	5.5-6.5	1.25	2.25	Yes	Yes	Yes	Yes	Yes	Yes	40,000	Yes	No
50327 Range Maximizer 18 Hi M	18	–	No	5.0	5.0	3.5-4.5	0.6	5.5-6.5	1.1	4.5	Yes	0.7	Yes	Yes	Yes	Yes	40,000	Yes	No
Roughage Buster																			
632 Roughage Buster 100	100	100	Yes	1.0	2.0	6.4-7.4	5.6	5.0-6.0	0.4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	200,000	Yes	Yes
636 Roughage Buster 80 BT	80	69	Yes	1.0	5.0	4.4-5.4	4.0	3.9-4.9	0.5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	200,000	Yes	Yes
637 Roughage Buster 60	60	41	Yes	0.5	8.5	3.6-4.6	2.6	5.7-6.8	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	150,000	Yes	Yes
644 Roughage Buster 80	80	69	Yes	1.0	5.0	4.4-5.4	4.0	3.9-4.9	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	200,000	Yes	Yes
11280 Roughage Buster 60 CTC/IGR	60	41	Yes	0.5	8.5	3.6-4.6	2.6	5.7-6.8	0.7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	150,000	Yes	Yes

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