

**North Dakota Golden Rule Sale Updated 2016 EPDs and Color/Polled test results**

Lot	Color	HPS	GE EPD	CED	BW	WW	YW	MK	TM	CEM	YG	CW	REA	MB	FT	FPI
1	Heterozygous Black	Homozygous Polled	Y	12	1.8	88	140	34	74	9	-0.35	55	0.45	-0.04	-0.03	81.21
2		Heterozygous Polled	Y	9	1.6	67	93	48	66	5	-0.42	27	-0.07	-0.42	-0.08	59.05
3				7	0.6	65	87	33	66	6	-0.33	22	0.53	-0.35	-0.08	58.01
4	Homozygous Black	Homozygous Polled		14	-0.1	68	101	40	74	9	-0.31	29	0.64	0.52	-0.07	85.48
5	Homozygous Black	Homozygous Polled		8	1.4	86	126	31	74	9	-0.21	46	0.77	0.25	-0.04	84.66
6		Homozygous Polled		7	1.8	66	98	34	67	8	-0.3	30	0.7	-0.45	-0.06	55.16
7	Homozygous Black	Homozygous Polled	Y	12	-0.7	68	104	34	69	10	-0.5	30	0.52	0.21	-0.04	78.69
8				9	-0.2	63	81	27	59	8	-0.31	17	0.43	-0.25	-0.08	59.93
9		Homozygous Polled	Y	11	1.5	69	100	28	59	13	-0.51	31	0.28	-0.12	-0.08	67.18
10		Homozygous Polled		7	1.6	73	98	33	70	6	-0.13	29	0.27	-0.09	-0.05	67.33
11		Heterozygous Polled	Y	11	2.4	85	118	37	70	12	-0.49	42	0.42	-0.32	-0.07	71.16
12	Heterozygous Black	Homozygous Polled	Y	12	0.6	65	97	28	68	5	-0.44	28	0.39	0.06	-0.03	70.49
13	Heterozygous Black	Homozygous Polled	Y	10	0.9	78	124	30	71	9	-0.3	45	0.41	0.4	0	85.95
14				8	3.2	83	116	30	71	10	-0.31	41	0.41	-0.32	-0.06	66.72
15				10	1	72	98	29	63	8	-0.39	28	0.52	-0.17	-0.06	67.16
16				11	0.4	66	95	27	60	9	-0.19	25	0.56	-0.01	-0.03	67.7
17				9	1.8	85	111	31	70	11	-0.36	37	0.47	-0.36	-0.07	68.49
18				13	-1.9	76	97	24	60	8	-0.26	24	0.6	-0.06	-0.05	74.91
19				12	-2	62	87	28	61	10	-0.29	18	0.57	-0.22	-0.06	63.63
20				11	0.1	86	119	33	76	5	-0.31	40	0.85	-0.27	-0.06	74.45
21				10	0.6	67	88	27	60	3	-0.26	22	0.56	-0.22	-0.05	62.27
22			Y	9	1.6	68	101	28	63	5	-0.57	32	0.46	-0.52	-0.08	56.36
23	Homozygous Black	Homozygous Polled		13	-1.8	73	113	25	62	7	-0.12	31	0.44	0.01	-0.02	75.46
24	Homozygous Black	Homozygous Polled		9	0	68	100	32	65	5	-0.16	29	0.31	-0.06	-0.05	67.76
25	Homozygous Black	Homozygous Polled		10	0	67	103	33	66	6	-0.09	29	0.47	0.22	-0.01	74.27
26	Homozygous Black	Homozygous Polled		7	1.5	78	118	24	63	4	0	41	0.31	0.05	-0.01	72.76
27	Homozygous Black	Homozygous Polled		10	0.4	76	111	24	62	6	-0.11	38	0.43	-0.03	-0.03	72.64
28				8	2.6	64	92	18	51	5	-0.3	28	0.53	-0.07	-0.08	61.22
29				4	2	81	109	33	72	6	-0.48	37	0.71	-0.17	-0.09	70.31
30		Homozygous Polled	Y	11	-0.1	67	89	33	66	5	-0.7	22	0.75	-0.35	-0.08	63.03
31				11	0.2	73	99	24	60	9	-0.15	28	0.3	-0.06	-0.05	69.67
32	Heterozygous Black	Homozygous Polled	Y	10	2.4	77	116	30	68	5	-0.4	42	0.45	-0.13	-0.03	70.34
33				10	1.1	75	106	29	66	9	-0.16	34	0.31	-0.08	-0.06	70.43
34	Homozygous Black	Homozygous Polled	Y	6	3.5	87	122	36	72	8	-0.58	46	0.74	0	-0.07	78.04

<b>35</b>		Heterozygous Polled	Y	12	-0.3	62	85	31	61	7	-0.57	19	0.46	-0.2	-0.06	63.68
<b>36</b>	Heterozygous Black	Homozygous Polled	Y	10	0.3	64	83	30	63	8	-0.49	19	0.14	-0.41	-0.07	57.5
<b>37</b>	Homozygous Black	Homozygous Polled	Y	9	1.2	75	116	30	68	9	-0.55	40	0.75	0.15	-0.05	78.24
<b>38</b>	Heterozygous Black	Homozygous Polled	Y	10	-0.7	64	86	48	80	10	-0.62	19	0.45	-0.33	-0.08	63.36
<b>39</b>	Homozygous Black	Homozygous Polled	Y	10	-0.4	72	100	25	62	10	-0.49	28	0.4	-0.32	-0.05	65.28
<b>40</b>	Homozygous Black	Homozygous Polled	Y	5	2.2	91	126	33	73	6	-0.49	47	0.48	-0.39	-0.07	71.1
<b>41</b>		Homozygous Polled	Y	5	1.9	80	106	28	67	6	-0.59	34	0.55	-0.33	-0.08	66.06
<b>42</b>	Homozygous Black	Heterozygous Polled	Y	11	-1.2	76	105	31	66	8	-0.64	29	0.71	-0.3	-0.07	70.72
<b>43</b>		Homozygous Polled	Y	5	2.1	90	120	24	72	6	-0.5	43	0.4	-0.57	-0.08	64.95
<b>44</b>	Homozygous Black	Homozygous Polled	Y	9	0.8	71	110	35	68	8	-0.43	36	0.63	0.26	-0.01	78.95
<b>45</b>				11	0.6	73	99	40	74	9	-0.41	29	0.41	-0.32	-0.08	65.98