50 CALIBER BLACK POWDER (Non-Firestick) LOAD CHART

BULLET DATA				LOAD DATA	VELOCITY DATA /YARDS						ENERGY (FT-LBS)/YARDS						TRAJECTORY					
BULLET	**SERIES**	**WEIGHT**	**BALLISTIC**	**CHARGE**	**MZL VELOCITY (FPS)**	**50**	**100**	**150**	**200**	**250**	**MZL.**	**50**	**100**	**150**	**200**	**250**	**MZL.**	**50**	**100**	**150**	**200**	250
A2000	BLEED	170	0.200	115 GR./ BH 209*	2150	1956	1773	1604	1449	1312	1745	1443	1187	971	792	649	-1.5	0.4	0	-3.2	-9.7	-20.4
A2000	BLEED	170	0.200	80 GR PYRODEX RS	1665	1504	1360	1236	1136	1059	1046	854	698	576	487	424	-1.5	1.2	0	-5.9	-17.5	-35.8
A2000	BLEED	170	0.200	100 GR. TRIPLE 7 / 2 PELLETS	1990	1805	1633	1475	1335	1215	1495	1229	1006	822	672	557	-1.5	0.6	0	-3.9	-11.7	-24.5
A2001	XR POLYMER	200	0.196	120 GR./BH 209*	2256	2052	1860	1680	1515	1367	2260	1870	1536	1254	1020	830	-1.5	0.3	0	-2.8	-8.7	-18.4
A2001	XR POLYMER	200	0.196	80 GR PYRODEX RS	1670	1506	1358	1232	1131	1055	1238	1007	819	674	568	494	-1.5	1.2	0	-5.9	-17.5	-35.9
A2001	XR POLYMER	200	0.196	100 GR. TRIPLE 7 / 2 PELLETS	1870	1689	1524	1374	1246	1141	1553	1267	1031	839	689	579	-1.5	0.8	0	-4.5	-13.7	-28.4
A2003	XR POLYMER	230	0.227	120 GR./BH 209*	2199	2025	1860	1704	1559	1426	2469	2094	1766	1482	1241	1038	-1.5	0.3	0	-2.8	-8.7	-18.1
A2003	XR POLYMER	230	0.227	80 GR PYRODEX RS	1562	1428	1309	1206	1122	1057	1246	1041	874	743	643	571	-1.5	1.4	0	-6.5	-18.9	-38.3
A2003	XR POLYMER	230	0.227	100 GR. TRIPLE 7 / 2 PELLETS	1765	1615	1477	1352	1242	1152	1591	1332	1114	933	788	677	-1.5	0.9	0	-4.9	-14.6	-29.9
A2005	XR POLYMER	250	0.262	120 GR./BH 209*	2120	1972	1831	1697	1571	1454	2495	2158	1860	1598	1370	1173	-1.5	0.4	0	-3	-9	-18.5
A2005	XR POLYMER	250	0.262	80 GR PYRODEX RS	1550	1434	1329	1236	1157	1093	1334	1142	980	848	744	663	-1.5	1.4	0	-6.3	-18.3	-36.8
A2005	XR POLYMER	250	0.262	100 GR. TRIPLE 7 / 2 PELLETS	1680	1555	1439	1333	1240	1161	1567	1342	1149	987	853	748	-1.5	1.1	0	-5.2	-15.4	-31.2
BULLET	SERIES	WEIGHT	BALLISTIC COEF.	CHARGE	MZL VELOCITY (FPS)	50	100	150	200	250	MZL.	50	100	150	200	250	MZL.	50	100	150	200	250
A2007	CARNIVORE	250	0.262	120 GR./BH 209	2120	1972	1831	1697	1571	1454	2495	2158	1860	1598	1370	1173	-1.5	0.4	0	-3	-9	-18.5
A2007	CARNIVORE	250	0.262	80 GR PYRODEX RS	1550	1434	1329	1236	1157	1093	1334	1142	980	848	744	663	-1.5	1.4	0	-6.3	-18.3	-36.8
A2007	CARNIVORE	250	0.262	100 GR. TRIPLE 7 / 2 PELLETS	1680	1555	1439	1333	1240	1161	1567	1342	1149	987	853	748	-1.5	1.1	0	-5.2	-15.4	-31.2
A2009	CARNIVORE	275	0.289	120 GR./BH 209*	2065	1932	1806	1685	1572	1465	2604	2280	1991	1734	1508	1310	-1.5	0.8	0	-3.1	-9.2	-18.9
A2009	CARNIVORE	275	0.289	80 GR PYRODEX RS	1510	1408	1314	1231	1160	1101	1392	1210	1055	926	822	740	-1.5	1.5	0	-6.5	-18.7	-37.4
A2009	CARNIVORE	275	0.289	100 GR. TRIPLE 7 / 2 PELLETS	1643	1531	1428	1332	1247	1174	1648	1432	1244	1084	950	841	-1.5	1.1	0	-5.4	-15.6	-31.5
A2011	CARNIVORE	305	0.383	120 GR./BH 209*	2030	1931	1835	1742	1653	1568	2791	2524	2279	2055	1850	1665	-1.5	0.4	0	-3	-8.9	-17.9
A2011	CARNIVORE	305	0.383	80 GR PYRODEX RS	1455	1380	1311	1248	1191	1141	1434	1290	1164	1054	961	882	-1.5	1.5	0	-6.6	-18.8	-37.1
A2011	CARNIVORE	305	0.383	100 GR. TRIPLE 7 / 2 PELLETS	1557	1476	1400	1330	1265	1206	1642	1476	1328	1197	1083	985	-1.5	1.3	0	-5.7	-16.3	-32.3
A2013	SMACKDOWN-MZX	295	0.135	120 GR./BH 209	1920	1657	1426	1235	1095	1002	2415	1798	1332	999	786	658	-1.5	0.85	0	-5.15	-16.01	-34.11
A2013	SMACKDOWN-MZX	295	0.135	100 GR. TRIPLE 7 / 2 PELLETS	1567	1349	1176	1056	975	913	1609	1192	906	731	622	546	-1.5	1.66	0	-7.93	-23.64	-48.5
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	120 GR./BH 209*	2119	1935	1762	1601	1454	1322	2492	2079	1724	1423	1173	970	-1.5	0.4	0	-3.2	-9.8	-20.6
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	100 GR IMR WH/ 2 PELLETS	1714	1556	1413	1287	1181	1097	1631	1345	1109	919	774	668	-1.5	1.1	0	-5.4	-16.1	-33
A1825	SMACKDOWN-YELLOW	300	0.250	120 GR/ BH 209*	2040	1888	1745	1610	1485	1370	2772	2375	2028	1727	1468	1249	-1.5	0.5	0	-3.3	-10	-20.7
A1825	SMACKDOWN-YELLOW	300	0.250	100 GR IMR WH/ 2 PELLETS	1628	1501	1384	1280	1190	1117	1765	1500	1276	1092	944	831	-1.5	1.2	0	-5.7	-16.8	-33.9
A1497 H	UNTER .44 BULLET/50 SA	240	0.205	100 GR. PYRODEX RS	1715	1554	1407	1279	1172	1089	1567	1286	1056	872	732	632	-1.5	1.1	0	-5.5	-16.2	-33.3
A1497	XTP HUNTER .44 BULLET /50 SABOT	240	0.205	120 GR/ BH 209*	2123	1935	1758	1593	1443	1310	2402	1994	1646	1353	1110	914	-1.5	0.4	0	-3.2	-9.9	-20.8
A1241 & A1644	490 ROUND BALL	175	0.068	100 GR. PYRODEX RS	2050	1531	1157	966	857	775	1633	911	520	363	286	234	-0.5	1.7	0	-8.1	-25.5	-54.8
A1265 LEAD CONICAL	A1265 & NW REDIPACK	385	0.133	100 GR. PYRODEX RS	1487	1280	1125	1021	948	891	1890	1401	1082	891	768	679	-1.5	1.9	0	-8.7	-25.8	-52.6

*NOTE: 120 GRAINS OF BLACKHORN IS THE MAXIMUM RECOMMENDED CHARGE
AS THIS APPROACHES THE EQUIVALENT PRESSURES OF A MAGNUM CHARGE IN OTHER STANDARD PROPELLANTS. PLEASE VISIT
http://www.blackhorn209.com/ FOR MORE INFORMATION.

NOTE: The above loads are for reference only. It is strongly recommended that you test your rifle at the given ranges, with the load combination of your choice, in order to fully understand how that load will perform in your muzzleloader.

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