

MICHIGAN'S BENEFACTOR.

AN OFF REPEATED STORY OF TRUE PHILANTHROPY.

WHAT CHAS. H. HICKORY HAS DONE FOR WESTERN MICHIGAN.

From Grand Rapids, Mich., Evening Press.

The most beautiful spot in all this city is inseparably associated with the name of Hickory. Chas. H. Hickory has been in the lumber business but unfortunately since 1866, and in that time has amassed a fortune which gives him a rating among the wealthy men of the nation. But with wealth there did not come that thickening of the purse strings which is generally a marked characteristic of wealthy men.

It is no wonder then that the name of Charles H. Hickory is known at home and abroad. His munificence to Michigan alone amounts to nearly half a million. For the past twenty years he has been a constant sufferer from neuralgia and rheumatism, a severe limitation of the lower limbs, so much so that it has entirely interfered with his pleasure in life. For some time past his friends have advised him to have surgery to grow young again, and to have removed the health which he had in youth.

The editor of the News Mr. H. C. L. explained the secret of this transformation of his once pale face "years," he said, "with paint and other blemishes, so severely that the only relief I could get at night was by putting on a mask composed of hats." He is a noted man of culture in the city, day after day. The natural and artistic paths he has taken which have given him a rating among the wealthy men of the nation, usually come through his trips to the West Indies with his wife and children. But his services will always be remembered, and his name will be a household word in every American city.

He is a member of the Michigan State

FOR FARM AND GARDEN.

HEIGHT OF HORSES.

It is said that the Arabs have two methods of estimating what will be the height of horses. By the first a cord is stretched from the nostril over the ears and down along the neck; this distance is compared with that from the withers to the feet. The colt will grow as much taller as the first distance exceeds the second. By the other method the distance between the knee and the withers is compared with that from the knee to the coronet. If it had reached the proportion of two to one, the horse will grow no taller.—New York World.

FERTILITY FOR ANIMALS ON FARMS.

Mineral fertilizers are what orchards mostly need, especially on long-continued ground. But there are some varieties of apple that are more fitted to growth than others, and the latter are more difficult to grow. Some nitrogenous fertilizers, like superphosphate, will help to increase the yield of fruit trees. The Spirendens are ones of these varieties. It is quite possible that noble income from mining or the sale of oranges will suffice to meet the cost of growing them. In this case, however, the cost of growing them will be less than the cost of growing oranges. This is a great variation in amount of fruit, but the difference in amount of fruit is probably enough to decide the outcome of the battle. In the foliage of fruit, when soil nitrogen is applied to orchards, it should be well composted. A very little will do better than a large amount of surface-stabilized manure. The finely-sifted manure starts in early and healthy growth. By mid-June the tree has used up its fertility. Then comes the shock to growth at the right time to form fruit, but the next season's bearing. —Boston Cultivator.

ART OF SOWING.

Sows have two teeth in the centre of the jaw at one year old, and add two each year until five years old, when they have a "full mouth." At that time the sow cannot be told by the teeth.

The natural age of sheep is about ten years, to which they breed three or four years, though there are instances of breeding at the same time and living twenty years. On the Western plains sheep do not live beyond four years from the birth of their soon-worn-out ewes, constantly increasing the aging horizon of the same prairie on which they graze. In fact, it is known that a seven-year-old sheep under these conditions seldom lives longer than six years and cease to be productive after five years. Which is to say, that sheep take an interest in their surroundings, which gives the animal information concerning the human changes, and upon the basis is printed a table of congenital events especially calculated for it. —Hartford Daily.

This calendar is issued to advertise the operations of the firm, and is remarkable for its accuracy and exactness in computing when no other calendar has ever been so accurate in its predictions. The calendar for 1870 is \$1.00, and for 1871 \$1.25. The calendar for 1872 is \$1.50. The calendar for 1873 is \$1.75. The calendar for 1874 is \$2.00. The calendar for 1875 is \$2.25. The calendar for 1876 is \$2.50. The calendar for 1877 is \$2.75. The calendar for 1878 is \$3.00. The calendar for 1879 is \$3.25. The calendar for 1880 is \$3.50. The calendar for 1881 is \$3.75. The calendar for 1882 is \$4.00. The calendar for 1883 is \$4.25. The calendar for 1884 is \$4.50. The calendar for 1885 is \$4.75. The calendar for 1886 is \$5.00. The calendar for 1887 is \$5.25. The calendar for 1888 is \$5.50. The calendar for 1889 is \$5.75. The calendar for 1890 is \$6.00. The calendar for 1891 is \$6.25. The calendar for 1892 is \$6.50. The calendar for 1893 is \$6.75. The calendar for 1894 is \$7.00. The calendar for 1895 is \$7.25. The calendar for 1896 is \$7.50. The calendar for 1897 is \$7.75. The calendar for 1898 is \$8.00. The calendar for 1899 is \$8.25. The calendar for 1900 is \$8.50. The calendar for 1901 is \$8.75. The calendar for 1902 is \$9.00. The calendar for 1903 is \$9.25. The calendar for 1904 is \$9.50. The calendar for 1905 is \$9.75. The calendar for 1906 is \$10.00. The calendar for 1907 is \$10.25. The calendar for 1908 is \$10.50. The calendar for 1909 is \$10.75. The calendar for 1910 is \$11.00. The calendar for 1911 is \$11.25. The calendar for 1912 is \$11.50. The calendar for 1913 is \$11.75. The calendar for 1914 is \$12.00. The calendar for 1915 is \$12.25. The calendar for 1916 is \$12.50. The calendar for 1917 is \$12.75. The calendar for 1918 is \$13.00. The calendar for 1919 is \$13.25. The calendar for 1920 is \$13.50. The calendar for 1921 is \$13.75. The calendar for 1922 is \$14.00. The calendar for 1923 is \$14.25. The calendar for 1924 is \$14.50. The calendar for 1925 is \$14.75. The calendar for 1926 is \$15.00. The calendar for 1927 is \$15.25. The calendar for 1928 is \$15.50. The calendar for 1929 is \$15.75. The calendar for 1930 is \$16.00. The calendar for 1931 is \$16.25. The calendar for 1932 is \$16.50. The calendar for 1933 is \$16.75. The calendar for 1934 is \$17.00. The calendar for 1935 is \$17.25. The calendar for 1936 is \$17.50. The calendar for 1937 is \$17.75. The calendar for 1938 is \$18.00. The calendar for 1939 is \$18.25. The calendar for 1940 is \$18.50. The calendar for 1941 is \$18.75. The calendar for 1942 is \$19.00. The calendar for 1943 is \$19.25. The calendar for 1944 is \$19.50. The calendar for 1945 is \$19.75. The calendar for 1946 is \$20.00. The calendar for 1947 is \$20.25. The calendar for 1948 is \$20.50. The calendar for 1949 is \$20.75. The calendar for 1950 is \$21.00. The calendar for 1951 is \$21.25. The calendar for 1952 is \$21.50. The calendar for 1953 is \$21.75. The calendar for 1954 is \$22.00. The calendar for 1955 is \$22.25. The calendar for 1956 is \$22.50. The calendar for 1957 is \$22.75. The calendar for 1958 is \$23.00. The calendar for 1959 is \$23.25. The calendar for 1960 is \$23.50. The calendar for 1961 is \$23.75. The calendar for 1962 is \$24.00. The calendar for 1963 is \$24.25. The calendar for 1964 is \$24.50. The calendar for 1965 is \$24.75. The calendar for 1966 is \$25.00. The calendar for 1967 is \$25.25. The calendar for 1968 is \$25.50. The calendar for 1969 is \$25.75. The calendar for 1970 is \$26.00. The calendar for 1971 is \$26.25. The calendar for 1972 is \$26.50. The calendar for 1973 is \$26.75. The calendar for 1974 is \$27.00. The calendar for 1975 is \$27.25. The calendar for 1976 is \$27.50. The calendar for 1977 is \$27.75. The calendar for 1978 is \$28.00. The calendar for 1979 is \$28.25. The calendar for 1980 is \$28.50. The calendar for 1981 is \$28.75. The calendar for 1982 is \$29.00. The calendar for 1983 is \$29.25. The calendar for 1984 is \$29.50. The calendar for 1985 is \$29.75. The calendar for 1986 is \$30.00. The calendar for 1987 is \$30.25. The calendar for 1988 is \$30.50. The calendar for 1989 is \$30.75. The calendar for 1990 is \$31.00. The calendar for 1991 is \$31.25. The calendar for 1992 is \$31.50. The calendar for 1993 is \$31.75. The calendar for 1994 is \$32.00. The calendar for 1995 is \$32.25. The calendar for 1996 is \$32.50. The calendar for 1997 is \$32.75. The calendar for 1998 is \$33.00. The calendar for 1999 is \$33.25. The calendar for 2000 is \$33.50. The calendar for 2001 is \$33.75. The calendar for 2002 is \$34.00. The calendar for 2003 is \$34.25. The calendar for 2004 is \$34.50. The calendar for 2005 is \$34.75. The calendar for 2006 is \$35.00. The calendar for 2007 is \$35.25. The calendar for 2008 is \$35.50. The calendar for 2009 is \$35.75. The calendar for 2010 is \$36.00. The calendar for 2011 is \$36.25. The calendar for 2012 is \$36.50. The calendar for 2013 is \$36.75. The calendar for 2014 is \$37.00. The calendar for 2015 is \$37.25. The calendar for 2016 is \$37.50. The calendar for 2017 is \$37.75. The calendar for 2018 is \$38.00. The calendar for 2019 is \$38.25. The calendar for 2020 is \$38.50. The calendar for 2021 is \$38.75. The calendar for 2022 is \$39.00. The calendar for 2023 is \$39.25. The calendar for 2024 is \$39.50. The calendar for 2025 is \$39.75. The calendar for 2026 is \$40.00. The calendar for 2027 is \$40.25. The calendar for 2028 is \$40.50. The calendar for 2029 is \$40.75. The calendar for 2030 is \$41.00. The calendar for 2031 is \$41.25. The calendar for 2032 is \$41.50. The calendar for 2033 is \$41.75. The calendar for 2034 is \$42.00. The calendar for 2035 is \$42.25. The calendar for 2036 is \$42.50. The calendar for 2037 is \$42.75. The calendar for 2038 is \$43.00. The calendar for 2039 is \$43.25. The calendar for 2040 is \$43.50. The calendar for 2041 is \$43.75. The calendar for 2042 is \$44.00. The calendar for 2043 is \$44.25. The calendar for 2044 is \$44.50. The calendar for 2045 is \$44.75. The calendar for 2046 is \$45.00. The calendar for 2047 is \$45.25. The calendar for 2048 is \$45.50. The calendar for 2049 is \$45.75. The calendar for 2050 is \$46.00. The calendar for 2051 is \$46.25. The calendar for 2052 is \$46.50. The calendar for 2053 is \$46.75. The calendar for 2054 is \$47.00. The calendar for 2055 is \$47.25. The calendar for 2056 is \$47.50. The calendar for 2057 is \$47.75. The calendar for 2058 is \$48.00. The calendar for 2059 is \$48.25. The calendar for 2060 is \$48.50. The calendar for 2061 is \$48.75. The calendar for 2062 is \$49.00. The calendar for 2063 is \$49.25. The calendar for 2064 is \$49.50. The calendar for 2065 is \$49.75. The calendar for 2066 is \$50.00. The calendar for 2067 is \$50.25. The calendar for 2068 is \$50.50. The calendar for 2069 is \$50.75. The calendar for 2070 is \$51.00. The calendar for 2071 is \$51.25. The calendar for 2072 is \$51.50. The calendar for 2073 is \$51.75. The calendar for 2074 is \$52.00. The calendar for 2075 is \$52.25. The calendar for 2076 is \$52.50. The calendar for 2077 is \$52.75. The calendar for 2078 is \$53.00. The calendar for 2079 is \$53.25. The calendar for 2080 is \$53.50. The calendar for 2081 is \$53.75. The calendar for 2082 is \$54.00. The calendar for 2083 is \$54.25. The calendar for 2084 is \$54.50. The calendar for 2085 is \$54.75. The calendar for 2086 is \$55.00. The calendar for 2087 is \$55.25. The calendar for 2088 is \$55.50. The calendar for 2089 is \$55.75. The calendar for 2090 is \$56.00. The calendar for 2091 is \$56.25. The calendar for 2092 is \$56.50. The calendar for 2093 is \$56.75. The calendar for 2094 is \$57.00. The calendar for 2095 is \$57.25. The calendar for 2096 is \$57.50. The calendar for 2097 is \$57.75. The calendar for 2098 is \$58.00. The calendar for 2099 is \$58.25. The calendar for 2100 is \$58.50. The calendar for 2101 is \$58.75. The calendar for 2102 is \$59.00. The calendar for 2103 is \$59.25. The calendar for 2104 is \$59.50. The calendar for 2105 is \$59.75. The calendar for 2106 is \$60.00. The calendar for 2107 is \$60.25. The calendar for 2108 is \$60.50. The calendar for 2109 is \$60.75. The calendar for 2110 is \$61.00. The calendar for 2111 is \$61.25. The calendar for 2112 is \$61.50. The calendar for 2113 is \$61.75. The calendar for 2114 is \$62.00. The calendar for 2115 is \$62.25. The calendar for 2116 is \$62.50. The calendar for 2117 is \$62.75. The calendar for 2118 is \$63.00. The calendar for 2119 is \$63.25. The calendar for 2120 is \$63.50. The calendar for 2121 is \$63.75. The calendar for 2122 is \$64.00. The calendar for 2123 is \$64.25. The calendar for 2124 is \$64.50. The calendar for 2125 is \$64.75. The calendar for 2126 is \$65.00. The calendar for 2127 is \$65.25. The calendar for 2128 is \$65.50. The calendar for 2129 is \$65.75. The calendar for 2130 is \$66.00. The calendar for 2131 is \$66.25. The calendar for 2132 is \$66.50. The calendar for 2133 is \$66.75. The calendar for 2134 is \$67.00. The calendar for 2135 is \$67.25. The calendar for 2136 is \$67.50. The calendar for 2137 is \$67.75. The calendar for 2138 is \$68.00. The calendar for 2139 is \$68.25. The calendar for 2140 is \$68.50. The calendar for 2141 is \$68.75. The calendar for 2142 is \$69.00. The calendar for 2143 is \$69.25. The calendar for 2144 is \$69.50. The calendar for 2145 is \$69.75. The calendar for 2146 is \$70.00. The calendar for 2147 is \$70.25. The calendar for 2148 is \$70.50. The calendar for 2149 is \$70.75. The calendar for 2150 is \$71.00. The calendar for 2151 is \$71.25. The calendar for 2152 is \$71.50. The calendar for 2153 is \$71.75. The calendar for 2154 is \$72.00. The calendar for 2155 is \$72.25. The calendar for 2156 is \$72.50. The calendar for 2157 is \$72.75. The calendar for 2158 is \$73.00. The calendar for 2159 is \$73.25. The calendar for 2160 is \$73.50. The calendar for 2161 is \$73.75. The calendar for 2162 is \$74.00. The calendar for 2163 is \$74.25. The calendar for 2164 is \$74.50. The calendar for 2165 is \$74.75. The calendar for 2166 is \$75.00. The calendar for 2167 is \$75.25. The calendar for 2168 is \$75.50. The calendar for 2169 is \$75.75. The calendar for 2170 is \$76.00. The calendar for 2171 is \$76.25. The calendar for 2172 is \$76.50. The calendar for 2173 is \$76.75. The calendar for 2174 is \$77.00. The calendar for 2175 is \$77.25. The calendar for 2176 is \$77.50. The calendar for 2177 is \$77.75. The calendar for 2178 is \$78.00. The calendar for 2179 is \$78.25. The calendar for 2180 is \$78.50. The calendar for 2181 is \$78.75. The calendar for 2182 is \$79.00. The calendar for 2183 is \$79.25. The calendar for 2184 is \$79.50. The calendar for 2185 is \$79.75. The calendar for 2186 is \$80.00. The calendar for 2187 is \$80.25. The calendar for 2188 is \$80.50. The calendar for 2189 is \$80.75. The calendar for 2190 is \$81.00. The calendar for 2191 is \$81.25. The calendar for 2192 is \$81.50. The calendar for 2193 is \$81.75. The calendar for 2194 is \$82.00. The calendar for 2195 is \$82.25. The calendar for 2196 is \$82.50. The calendar for 2197 is \$82.75. The calendar for 2198 is \$83.00. The calendar for 2199 is \$83.25. The calendar for 2200 is \$83.50. The calendar for 2201 is \$83.75. The calendar for 2202 is \$84.00. The calendar for 2203 is \$84.25. The calendar for 2204 is \$84.50. The calendar for 2205 is \$84.75. The calendar for 2206 is \$85.00. The calendar for 2207 is \$85.25. The calendar for 2208 is \$85.50. The calendar for 2209 is \$85.75. The calendar for 2210 is \$86.00. The calendar for 2211 is \$86.25. The calendar for 2212 is \$86.50. The calendar for 2213 is \$86.75. The calendar for 2214 is \$87.00. The calendar for 2215 is \$87.25. The calendar for 2216 is \$87.50. The calendar for 2217 is \$87.75. The calendar for 2218 is \$88.00. The calendar for 2219 is \$88.25. The calendar for 2220 is \$88.50. The calendar for 2221 is \$88.75. The calendar for 2222 is \$89.00. The calendar for 2223 is \$89.25. The calendar for 2224 is \$89.50. The calendar for 2225 is \$89.75. The calendar for 2226 is \$90.00. The calendar for 2227 is \$90.25. The calendar for 2228 is \$90.50. The calendar for 2229 is \$90.75. The calendar for 2230 is \$91.00. The calendar for 2231 is \$91.25. The calendar for 2232 is \$91.50. The calendar for 2233 is \$91.75. The calendar for 2234 is \$92.00. The calendar for 2235 is \$92.25. The calendar for 2236 is \$92.50. The calendar for 2237 is \$92.75. The calendar for 2238 is \$93.00. The calendar for 2239 is \$93.25. The calendar for 2240 is \$93.50. The calendar for 2241 is \$93.75. The calendar for 2242 is \$94.00. The calendar for 2243 is \$94.25. The calendar for 2244 is \$94.50. The calendar for 2245 is \$94.75. The calendar for 2246 is \$95.00. The calendar for 2247 is \$95.25. The calendar for 2248 is \$95.50. The calendar for 2249 is \$95.75. The calendar for 2250 is \$96.00. The calendar for 2251 is \$96.25. The calendar for 2252 is \$96.50. The calendar for 2253 is \$96.75. The calendar for 2254 is \$97.00. The calendar for 2255 is \$97.25. The calendar for 2256 is \$97.50. The calendar for 2257 is \$97.75. The calendar for 2258 is