

As a proof of this let us refer to the experience of the Experimental Farm at Indian Head. There, there has been kept more reliable data in connection with the growing of cereal crops with a limited rainfall than are available in other parts of the province. These records show remarkable success even in the driest seasons. For the purpose of this article and to invite comparison between the crops of Saskatchewan and those of any other state or province where the rainfall is even much greater, I cannot do better than to quote Superintendent McKay's figures in connection with the operation of this Experimental Farm during the last nineteen years. They are as follows:

| Year | Rainfall<br>Inches* | Red Fife<br>Bushels<br>Fallow | Wheat<br>per acre<br>Stubble | Oats<br>Bushels<br>Acre |
|------|---------------------|-------------------------------|------------------------------|-------------------------|
| 1891 | 14.03               | 35                            | 32                           | 73                      |
| 1892 | 6.92                | 28                            | 21                           | 51                      |
| 1893 | 10.11               | 28                            | 21                           | 51                      |
| 1894 | 3.90                | 17                            | 9                            | 34                      |
| 1895 | 12.28               | 41                            | 22                           | 95                      |
| 1896 | 10.50               | 39                            | 29                           | 97                      |
| 1897 | 14.62               | 33                            | 26                           | 69                      |
| 1898 | 18.03               | 32                            | xx                           | 85                      |
| 1899 | 9.44                | 33                            | xx                           | 84                      |
| 1900 | 11.74               | 17                            | 5                            | 55                      |
| 1901 | 20.22               | 49                            | 38                           | 117                     |
| 1902 | 10.73               | 38                            | 22                           | 87                      |
| 1903 | 15.55               | 35                            | 15                           | 119                     |
| 1904 | 11.96               | 40                            | 29                           | 85                      |
| 1905 | 19.17               | 42                            | 18                           | 107                     |
| 1906 | 13.21               | 26                            | 15                           | 87                      |
| 1907 | 15.03               | 18                            | 18                           | 72                      |
| 1908 | 13.17               | 29                            | 14                           | 78                      |
| 1909 | 13.96               | 28                            | 15                           | 92                      |

\*This precipitation is exclusive of snowfall.

xx No record.

Notwithstanding the fact that during the nineteen years the average annual rainfall of the summer months, as shown by the above statistics, has only been 12.88 inches, the average yields for both wheat and oats, 32 bushels and 82 bushels respectively, are truly remarkable under such circumstances.

Lest it be contended that the result on a government operated farm is not a fair indication of what should be done under ordinary circumstances, permit me to refer to the record under similar conditions on my own farm some twenty-five miles north of Indian Head. These are as follows:

| Year | WHEAT<br>Bushels<br>per acre |
|------|------------------------------|
| 1891 | 30                           |
| 1892 | 28                           |
| 1893 | 34                           |
| 1894 | 24                           |
| 1895 | 26                           |
| 1896 | 31                           |
| 1897 | 35                           |
| 1898 | 27                           |