

Mag, Black Mare, 10 years, No. 310.

	Max. temp. before inject.	Max. temp. after inject.	Max. size swelling
1st test, May, 5, 1903	102	104 2-5	2x6
2nd test, Aug. 6, 1903	100 1-5	104	3x3
3rd test, Nov. 19, 1903	100 2-5	104 2-5	3x3
4th test, Feb. 20, 1904	100 2-5	100 4-5	2x3 ceased
Retest, after 9 months, Nov. 15, 1904 ..	101	103 2-5	3x3

About 15 very small nodules found in lungs, all deep seated, and following the main bronchial tubes, mostly encysted.

Three guinea pigs inoculated 7-12-'04. From one pure cultures of bacillus mallei were obtained.

In all these autopsies there was noted the peculiar injected appearance of the lungs which is seen when a reacting animal is destroyed immediately after testing. In all but one of these five ceased reactors a pure culture of the bacillus mallei was obtained. In this case the lesions found were characteristic and it is probable that the bacilli were present. Only two guinea pigs were used for this inoculation.

The following very striking record is that of a horse which has ceased to react no less than three times in the course of the last three years. This animal is still isolated under close supervision, and although performing ordinary farm work daily, is in the pink of condition, and, to all outward appearance, absolutely healthy:

King, Bay Gelding.

	Max. temp. before inject.	Max. temp. after inject.	Max. size swelling
1st test, Aug. 26, 1903	101	105	2x4
2nd test, Nov. 19, 1903	100 2-5	104 1-5	4x4
3rd test, Feb. 26, 1904	100 2-5	103 1-5	2x2
4th test, June 9, 1904	101 1-5	101	2x2
5th test, July 5, 1904	101 1-5	101	3x3
6th test, Nov. 14, 1904	101 1-5	104 1-5	3x4
7th test, April 7, 1905	101 1-5	101	2x2
8th test, Nov. 1, 1905	100 4-5	104 4-5	4x4
9th test, July 7, 1906	100 4-5	101	2x3

I append here three tables showing the different results obtained in testing: 1st, horses which have become permanent ceased reactors; 2nd, horses which after having once ceased to react, have again given a characteristic reaction to Mallein after a period of from six months to a year; and 3rd, horses which have shown no improvement when tested at intervals of 30, 60 and 90 days, although never developing clinical symptoms.