

Philad^a. April 13th 1805

Messrs. A. Dupont de Nemours & Co

Dear Sirs

It was not till this day that I have received from Mr. Bone the report of the experiments upon the samples of powder taken from the Magazine & am very sorry to inform you that it is exceedingly unfavourable indeed — There were a number of Samples sent out to the Arsenal to be tried by the inspectors & he has returned the following report —

1	50 Yards	} There were your powder
2	69 — "	
3	48 — "	} These belonged to a man named Hertzos
4	50 — "	
5	69 — "	} These to a man named Singer —
6	70 — "	

You will therefore perceive that your double F^o has only carried the balls 50 Yards while Singers powder manufactured has carried 69 & 70 — The price of Singers & Hertzos

is only \$8 per bushel - I am so surprised at this, that
I told Mr. Coar I was certain there must be some
mistake in the business - & he thinks with me, that
it will be best for one of you to come up & super-
intend another experiment which he will order
to be made when you arrive - It is of great con-
sequence that the ^{character} ~~name~~ of your powder should
be kept up & particularly with the Government
at this time when they are beginning to want the
article -

I am very truly Yours

Rich^d. M^r. Ball

Since writing the above I have rec^d. your letter
of this date - & am very much afraid they must
have fallen upon the bad casks you have men-
tioned - but still think it impossible there
could be such a difference - The article, from

It will be forwarded as soon as they
arrive — the letter, say the whole of the
piece was contained in the bundle I sent with you
will find when you examine it —

Arch^d. McCall

1805.

April 13th

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E. Mifflin & Co. de Mont de Nemours
Company
Wilmington Del^{re}
Mail

to want the