C. The results of this study could be summarized in a two-by-two table as follows:

		Cases	Controls	Total
Stored maize inside?	Yes	a = 32	c = 20	52
	No	b = 8	d = 60	68
	Total	40	80	120

The odds ratio is calculated as ad/bc, or (32 x 60) / (8 x 20), which equals 1,920 / 160 or 12.0.