<page>024r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f53.image</image>

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<id>p024r\_1</id>

<head>Grenades</head>

<ab>Grenades must be made from the <m>finest metal one can find</m>, for there is <m>fine metal</m> and <m>rough metal</m>. <m>Fine metal</m><comment>c\_024r\_01</comment> is that of a big bell, because one puts in more <m>copper</m> to give it a bigger voice, &amp; for small bells one puts more <m>tin</m> to give it a <del>bigger</del> clearer sound. The <m>metal of a big bell</m> is made with <del>one</del> <add>3</add> quintal<add>s</add> of <m>rosette</m> &amp; twenty or xxv <ms>lb</ms> of <m>tin</m>. <del><fr>Tan</fr></del> Each grenade must weigh four to six <ms>lb</ms>. In order to throw them, it is necessary that they be full of <m>powder</m> mixed with <m>coarsely pestled glass</m>. And for a quarter <ms>lb</ms> of <m>powder</m>, one needs half an <ms>ounce</ms> of <m>glass</m> which is put with it, in order that on the face or places where the <m>powder</m> will have its effect, the <bp>wounds</bp> will be all the worse for it. The <m>best arquebus powder</m> is required here. The hole needs to be as large as <ms>the thickness of a <al>swan</al>'s quill</ms>, &amp; you need not bother to make it threaded, but it is enough to make it even. Next, you make a <add>well-soldered</add> pipe of <m>fer<comment>c\_024r\_02</comment> blanc</m>, which can enter into the hole &amp; enter into the middle of the grenade &amp; which comes out of it <ms>by the width of one <bp>finger</bp></ms>. You will fill it with <m>good powder</m>, pestled in a <tl>mortar</tl> &amp; lightly mixed with <m>good eau-de-vie</m> or <m>strong vinegar</m> <del>which seems. And when</del> This is done to temper the <m>powder</m>. And to know if it will be slow enough to allow leisure to throw the grenade without danger, try this <m>powder</m> thus bathed in another pipe. You can keep <del><fr>d</fr></del> your loaded grenades in a <env>very dry place</env>, &amp; on the contrary you shall keep your pipes filled with that bathed and well-compressed <m>powder</m> in a <env>humid place</env>. And nonetheless, you shall have some already inserted into <del>the</del> <add>some</add> grenades, to be always provisioned. And <tmp>every three days</tmp> you shall change them if you recognise that they have become too dry. To throw your grenade, take it bravely <del>&amp;</del> in one <bp>hand</bp> &amp; with the other give fire to your pipe with <del>the</del> a match<comment>c\_024r\_03</comment> , &amp; throw it quickly amidst the <del>powder</del> troops. The thickness of the grenade<comment>c\_024r\_04</comment> should be <ms>twice the back edge of a knife</ms>.<lb/>

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