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*Selenium, *Alloys, Preparation, Electrolysis,
Electrodeposition.

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<p>Usami, S. and others. INDUCED MUTATIONS OF ASPERGILLUS NIGER BY NITROGEN MUSTARD TREATMENT. Apr 62, 6p. (7 figs. 2 tables omitted) 6 refs. Order from SLA \$1.10</p> <p>Trans. of Hakko Kyokaiishi (Japan) 1960, v. 18, no. 5, p. 7-12.</p> <p>DESCRIPTORS: *Mutations, *Molds, *Nitrogen mustards, Genetics, Morphology, Enzymes, Acetic acids, Proteases.</p> <p>From nitrogen mustard treatment of a parent strain, Aspergillus niger WU-2223L, which is high in acetic acid-producing ability, about 370 artificial mutants were obtained. Among these, there were some which were more powerful in the production of acid and proteinase. No correlation was observed between the type of muta- tion and the physiological property, but it was found that (Biological Sciences--Microbiology, TT, v. 9, no. 3) (over)</p>	<p>62-16616</p> <p>I Usami, S.</p> <p>C227535</p> <p>Office of Technical Services</p>
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DESCRIPTORS: *Glucose, *Citric acids, *Fer-
mentation, Ash, *Culture media, Potassium, Iron

A study was made of acid formation in citric acid fer-
mentation using *Asp. niger*. in molasses (Taiwan
molasses) and glucose media. In molasses medium,
the consumption of oxygen in the early stage of the cul-
tivation is fairly bigger and the starting time of acid
formation is earlier than those in glucose medium due
to the abundant nourishment in the medium. But the
amount of citric acid formed is very low and oxalic
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I. Title: Molasses
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