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DESCRIPTORS: Tobacco, Chemical analysis.

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DESCRIPTORS: *Tobacco, *Ketones, *Acids, Sepa-
ration, Identification, Chromatographic analysis,
*Paper chromatography.

The results are reported of investigation of tobacco
keto-acids. Ten keto-acids were found to be present,
of which four are unknown, and the others are: α -keto-
glutaric, pyrotartaric / two isomers/, oxaloacetic,
glyoxalic and phenylpyrotartaric. (Author)
(Chemistry--Analytical, TT, v. 6, no. 12)

61-20248

I. Asmaev, P. G.
II. Mokhnachev, I. G.

Office of Technical Services

Asmaev, P. G. and Popova, L. P.
AMOUNT AND COMPOSITION OF THE SOLID-
LIQUID PHASE OF TOBACCO SMOKE. [1962] 11p.
15 refs.

Order from OTS or SLA \$1.60

63-10684

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh]
Zav[edeni]. Pishch[evaya] Tekh[nologiya] (USSR) 1961,
no. 4, p. 51-57.

DESCRIPTORS: *Tobacco, *Smokes, *Phase studies,
Solids, Liquid, *Cigarettes, Hydrocarbons, Chemical
analysis.

The relation between the amount of the solid-liquid
phase of tobacco smoke and the time of burning of the
cigarette and the moisture content of tobacco was
determined. The amounts of water, higher hydro-
carbons, steam volatile oil, alkaloids, non-saponifiable
(Chemistry--Analytical, TT, v. 9, no. 11) (over)

63-10684

I. Asmaev, P. G.
II. Popova, L. P.

4067881

Office of Technical Services

Determinations of Halogenated Polyphenols
of Tobacco, by P. G. Asmarov, V. K.

Yusupov, 10p.

RUSSIAN, per, Dokl. Vol 18, No 1,

1957, pp 60-62.

Orig 11-6-1957

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P. G. Asmarov
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Asmayev, P. G. and Thchenikov, V. V.
THE RELATION BETWEEN MOISTURE CAPACITY
AND THE CARBOHYDRATE CONTENT OF
TOBACCO. [1960] 6p. 8 refs.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10330
Trans. of Tabak (USSR) 1951, v. 12, no. 3, p. 39-41.

(Agriculture--Plant Cultivation, TT, v. 5, no. 6)

61-10330

1. Tobacco--Moisture content
 2. Carbohydrates--
Determination
- I. Asmayev, P. G.
 - II. Thchenikov, V. V.

Office of Technical Services

Asmaev, P. G.
NEW FERMENTATION CONDITIONS FOR CIGA-
RETTE TOBACCO. [1962] 16p. 7 refs.
Order from OTS or SLA \$1.60

62-18836

Trans. of Tabak (USSR) 1960, v. 21, no. 2, p. 43-46.
Another trans. is available from K-H \$20.00 as
K-H-11480-b [1962] 16p.

DESCRIPTORS: *Cigarettes, *Tobacco, Smokes,
*Fermentation.

(Biological Sciences--Biochemistry, TT, v. 9, no. 5)

62-18836

I. Asmaev, P. G.

C227904

Office of Technical Services

Asmery, P. G. and Moltschakov, I. G.
THE CHANGE IN BOUND WATER-SOLUBLE CARBO-
HYDRATES OF TOBACCO DURING ITS TREATMENT.
[1963] 14p. 7 refs.
Order from OTS or SLA \$1.60

63-16920

Trans. of Irvest[lya] Vysishih Uchebnykh Zavedenii.
Fizicheskaya Tekhnol[ogiya] (USSR) 1961, no. 2,
p. 58-63.

DESCRIPTORS: *Carbohydrates, Processing. *Tobacco,
Taste, Toxicity.

The change in different groups of bound carbohydrates
determined by the phenol-H₂SO₄ method, during the
treatment of tobacco, is investigated. Hypotheses are
advanced on the composition of the bound hydrocarbons
of each group. (Author)

(Chemistry--Analytical, TT, v. 10, no. 9)

63-16920

I. Asmery, P. G.
II. Moltschakov, I. G.

1249609

Office of Technical Services

61-20584

Asmaev, P. G. and Mokhnachev, I. G.
CONTENT IN TOBACCO OF NON-CARBOHYDRATE
CARBONYL SUBSTANCES. [1963] [9]p. 10 refs.
Order from OTS or SLA \$1.10 61-20584

Trans. of [Tabak (USSR) 1960, v. 21, no. 3, p. 35-39].

DESCRIPTORS: *Tobacco, *Carbonyl radicals,
*Fermentation, Amino acids, Temperature, Chemical
analysis.

The investigation of the fermentation of tobacco at
various temperatures from the point of view of the
dynamics of change of the content of carbonyl substances
on non-carbohydrate character showed that the accumu-
lation of these substances is more pronounced during
the fermentation at low temperatures (30° - 35° C)
than during high temperature fermentation (50° - 70°C).
(Author)
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)

I. Asmaev, P. G.
II. Mokhnachev, I. G.

A247532

Office of Technical Services

Asmaev, P. G. and Mokhsachev, I. G. ON THE QUESTION OF CHANGING THE COMPOSITION AND PROPERTIES OF TOBACCO PROCESSED AT DIFFERENT TEMPERATURES. [1962] 10p. 12 refs. Order from OTS or SLA \$1. 10 63-16924	63-16924 I. Asmaev, P. G. II. Mokhsachev, I. G.
Trans. of Tabak (USSR) 1959, v. 20, no. 3, p. 55-59. Another trans. is available from K-H \$12.50 as K-H 11249-a [1962] 10p.	1247357
DESCRIPTORS: Tobacco, Processing, Temperature.	
(Agriculture--Plant Cultivation, TT, v. 10, no. 7)	Office of Technical Services

62-17776

Asmaev, P. G.
NEW FERMENTATION CONDITIONS FOR CIGARETTE
TOBACCO. [1962] 16p.
Order from K-H \$20.00

K-H 11480-b

Trans. of Tabak (USSR) 1960 [v. 21] no. 2, p. 34-46.

DESCRIPTORS: *Tobacco, *Cigarettes, *Fermentation.

I. Asmaev, P. G.
II. K-H-11480-b
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0227171

(Biological Sciences--Biochemistry, v. 9, no. 2)

Office of Technical Services

Results of Parasitological Investigations
in a Natural Focus of Tick-borne Meningo-
Encephalitis in Former Ostravsky
Territory, by J. Asmera, et al.
CZECH, per, Cesk Parasit, No 9, 1962,
pp 5-14.

NIH 4-65-65

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May 65

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(DC-6066)

Ornithosis Among Employees of MI Poultry Farms
in Ostrava Kraj, Czechoslovakia, by Jar. Asmara,
J. Ruzicka, O. Sedlacek, et al, 6 pp. ~~OFFICIAL~~
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CZECH, per, Pracovní Lékařství, Vol XIII, No 3,
Apr 1961, pp 136-138.

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Freedom and the Struggle of the Farmer, by
Asmoe, 7 pp.

INDONESIAN, np, Harian ~~REK~~ Rakjat, 17 Aug 1961,
p 3.

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INCREASE PRODUCTION, SAVE THE ECONOMIC DECLARATION
AND CONFIDENT MALAYSIA BY ABDI, 14 PP.

INDONESIAN, NP, HARIANTRAMANT, 20 AUG 1963,
PP 3, AND 26 AUG 1963, PP 1, 3, AND 27 AUG 1963,
PP 3.

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AGRICULTURAL PRODUCTION AND A MANDARIN CABINET,
ASML, 7 PP.

INDONESIAN, NP, HARIAN RUMAH, 17 JUNE 1963, P 3.

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IN ONE HAND HOLD A RIFLE AND IN THE OTHER A
HOE TO LIBERATE WEST IRIAN, BY ASMU, 4 PP.

INDONESIAN, NP, HARIAN RAKJAT, 17 AUG 1962, P 5.

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OCT 62

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DC-5135

Land Reform and Industrialization, by Ammu.

INDONESIAN, np, Harian Rakjat, 8 Dec 1960, p 3.

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NY-6239

"Harian Rakjat" and Cooperatives, by Aam, 4 pp.

INDONESIAN, np, Harian Rakjat, 25 Jan 61, p 1.

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FE - Indonesia
Pol
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(SF-1224)

Establish Soon a Maximum Limit on Land Ownership, by
Amm, IXP 3 pp.

INDONESIAN, np, Harian Rakjat, 26 Sep 1960, pp 2, 4.

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Onward, Bravely Wipe Out Malaysia and Overcome Economic
Difficulties, by Aznan, 10 pp.

INDONESIAN, np, Harian Rakyat, 1963, p 2.

JPRS 22528

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Econ
Jan 64

245, 426

Asmus, E., Hohne, R., and Krastsch, J.
PHOTOMETRIC DETERMINATION OF NICOTINE
AND PYRIDINE IN TOBACCO SMOKE. [1962] 8p.
Order from K-H \$10.00 K-H 12144

Trans. of Z[eitschrift f[ur] Anal[ytische] Chem[ie]
(West Germany) 1962, v. 187, no. 1, p. 33-37.

DESCRIPTORS: *Tobacco, Smokes, *Nicotine, *Pyri-
dines, Spectrographic analysis, Photometers,
Determination.

(Chemistry--Analytical, TT, v. 9, no. 1)

62-34103

- I. Asmus, E.
- II. Hohne, R.
- III. Krastsch, J.
- IV. K-H-12144
- V. Kresge-Hooker Science
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Detroit, Mich.

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(DC-5802)

The Effect of Cobalt on Yield and Quality of Fodder
Oats, by F. Asmus, 6 pp.

GERMAN, per, Die Deutsche Landwirtschaft, Vol XII,
No 2, 1961, pp 72-74.

JPRS 8616

EEur - Germany

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O₂ Intake of Resting and Working Skeletal
Muscles, by Erling Asmussen, E. Hohwi Christensen,
Marius Nielsen, 13 pp.

GERMAN, per, Archiv fuer Physiologie Skandinavisches,
Vol LXXXII, No 3, 4, 1939, pp 212-220.

NIR 8-22

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OTS 59-18226
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