

VIRNIK, D.; YESAKOVA, R.; SMIRNOVA, V.

Efficient mixing of gelatin. Mias. ind. SSSR 28 no.5:34 '57.

(MIRA 11:1)

1. Moskovskiy zhelatinovyy zavod.  
(Gelatin)

RYABCHIKOV, P.I.; SOLDATOVA, I.N.; YESAKOVA, S.Ye.; PETUKHOVA, T.A.

Beginning of settling of the Sea of Azov by some species of  
shipworms of the family Teredinidae. Trudy Inst. okean. 70:  
157-178 '63. (MIRA 17:7)

YESAKOVA, S.Ye.; SOLDATOVA, I.N.

Influx of Teredinidae into the Sea of Azov. Priroda 48 no.6:  
115-116 Jo '59. (MIRA 12:5)

1. Institut okeanologii AN SSSR, Moskva.  
(Azov, Sea of--Ship worms)

RYABCHIKOV, P.I.; SOLDATOVA, I.N.; YESAKOVA, S.Ye.

First stage of the settlement of shipworms in the Sea of Azov.  
Trudy Inst. okean. 49:147-155 '61. (MIRA 15:1)  
(Azov, Sea of--Shipworms)

YESAKOVA, S.Ye.

The new species of wood borers *Limnoria* (*Limnoria*) *magadanensis* sp.  
nov. (Crustacea, Isopoda). Trudy Inst. okean. 49:186-186 '61.  
(MIRA 15:1)

(Nagayevo Bay--Isopoda)

YESAKOVA, S.Ye.

Taxonomic position of *Mimoria* (Crustacea, Isopoda) living off the  
Soviet shore of the Black Sea. Zool. zhur. 44 no.3:456-458 '65.  
(MIRA 18:8)

I. Institut of Oceanology, Academy of Science of the U.S.S.R.,  
Moscow.

STEPANOV, I.; YESAKOVA, T.; POLYAN, R.; PASKAN, B.; TRET'YACHENKO, B.  
(Novosibirsk)

All-Union state standards and sizes of clothing. Okhr.truda  
i sots.strakh. no.10:35-38 0 '59. (MIRA 13:2)

1. Brigadir sklada slyabov tsakha goryachego prokuta zavoda  
imani Kuz'mina (for Stepanov). 2. Starshiy inzhener otdela  
vospomogatel'nykh materialov Novosibirskogo sovnarkhoza (for  
Yesakova). 3. Redaktor mnogotirashnoy gazety "Stankostroitel'"  
(for Polyan). 4. Redaktor gazety "Metallurg" (for Paskan).  
5. Spetsial'nyy korrespondent zhurnala "Okhrana truda i  
sotsial'noye strakhovaniye" (for Tret'yachenko).  
(Novosibirsk Province--Work clothes)

17(2,10)

30V/16-59-6-13/46

AUTHORS: Pershina, Z.G. and Yesakova, T.D.

TITLE: The Bactericidal Action of Ionizing Radiations

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 62-66 (USSR)

ABSTRACT: This was first presented at the conference of the Otdel radiatsionnoy mikrobiologii (Radiation Microbiology Department) on May 5, 1958. Intensive doses of ionizing radiations will kill microbes. As M.N. Meysel' and N.D. Chernyayev have pointed out, radiation doses sufficient to kill the vegetative forms of microbes are not bactericidal for the spore forms. N.A. Golovkin has pointed out that the sterilizing effect of radiation depends both on the radiation dose and on the density and volume of the irradiated suspension. Ye.N. Sokurova showed that the physiological state of the cells at the time of radiation has an essential effect on the radiation-sensitivity. The most sensitive cells are those in the logarithmic stage of growth. For the present tests, to determine the bactericidal effects of ionizing radiations, the following microbes were used: Escherichia coli, Proteus, Staphylococcus, hay bacillus and Sarcina. Irradiation was performed in an experimental EG0-2

Card 1/2



The Bactericidal Action of Ionizing Radiations

SOV/16-59-6-13/46

gamma-ray unit using radioactive cobalt with a total activity of 5 kilocuries. The dose was 600 r/min. The results showed that the bactericidal action of the ionizing radiation varied directly with the concentration of microbe bodies per ml of irradiated medium. For full sterilization of thick (40-50 billion bodies/ml) suspensions of the microbes in the vegetative form, a dose of 400,000-600,000 r was needed; for the spore forms - 1,500,000 r. The most resistant of the microbes to X-ray radiation were the Sarcina and hay bacillus which perished after a dose of 1,500,000 r in a suspension of 40 billion bodies/ml. The most sensitive was Escherichia coli which was sterilized by a dose of 400,000 r in the same suspension. Staphylococcus was sterilized at 800,000 r. There are: 4 figures and 13 references, 5 of which are Soviet and 8 English.

ASSOCIATION: Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSR (Institute of Epidemiology and Microbiology imeni Gamaleya of the AMN, USSR)

SUBMITTED: June 3, 1958

Card 2/2

YESAREV, G.I.; MINAYEV, K.Ye.; SLAVITSKAYA, N.N.

[Treatment of metal-cutting tools in a steam atmosphere]  
Obrabotka instrumenta v atmosfere para. Riazan', Riazanskee knizhnoe izd-vo, 1961. 14 p. (MIRA 18:3)

1. Nachal'nik uchastka termicheskoy obrabotki Ryazanskogo zavoda tyazhelogo kuznechno-pressovogo oborudovaniya (for Yesarev).

YESARTIYA, T.P.

Experimental and clinical observations on the action of tetracycline in gonorrhea. Vest.derm. i ven. 32 no.3:49-52 My-Je '58 (MIRA 11:7)

1. Iz otdela gonorei (zav. - prof. I.M. Porudominakly) i mikrobiologicheskogo otdela (zav. - prof. N.M. Ovchinnikov) Tsentral'nogo kozhno-venerologicheskogo instituta (direktor -kand.med.nauk N.M. Turanov) Ministerstva zdavookhraneniya RSFSR i kozhno-venerologicheskogo dispansera Gagr (glavnyy vrach V.V. Sopronadze).

(TETRACYCLINE, ther. use

gonorrhea, clin. & exper. studies (Rus))

(GONORRHEA, ther.

tetracycline, clin. exper. studies (Rus))

YESARTIYA, T.P.

Further laboratory and clinical observations on the effect of  
tetracycline in patients with gonorrhea. Urologia no.4:50-53  
'61. (MIRA 14:11)

1. Iz otdela gonorey (zav. - prof. I.M. Porudominskiy) i mikro-  
biologicheskogo otdela (zav. - N.M. Ovchinnikov) Tsentral'nogo  
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta  
Ministerstva zdravookhraneniya RSFSR i Gagrinskogo kozhno-  
venerologicheskogo dispansera.

(GONORRHEA)

(TETRACYCLINE)

YESAULENKO, Konstantin Yevgen'yevich, deputat Verkhovnogo Soveta RSFSR;  
KOLAKHITSSEVA, O.I., red.; KILUCHEVA, T.D., tekhn.red.;  
YELAGIN, A.S., tekhn.red.

[The Kamchatka territory is rich and beautiful] Bogat i  
krasiv Kamchatskii krai. Moskva, Izd-vo "Sovetskaya Rossiya,"  
1962. 126 p. (MIRA 15:5)

1. Predsedatel' Kamchatskogo oblastnogo Soveta deputatov  
trudyashchikhsya (for Yesaulenko).  
(Kamchatka--Economic geography)

YESAULENKO, P.I.

Efficient utilization of farmland. Trudy Otd. geog. AN Kazakh.  
SSR, no.10:200-211 '63. (MIRA 16:10)

KOROBOCHKIN, I.Yu.; KIRVALIDZE, N.S.; GLADKIKH, D.V.; YESAULOV, A.T.;  
ROMANYUK, I.Ye.; KUTSENKO, I.S.

Accelerating the heating of stainless steel ingots before  
piercing. Biul.TSIICHM no.4:40-42 '61. (MIRA 14:10)

1. Nikopol'skiy Yuzhnotrubnyy zavod.  
(Rolling (Metalwork)) (Steel, Stainless)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9"



... of much temperature. Two liquid ...

... of satisfactory quality ...

VOLKOVITSKIY, G.I., dotsent, kand. tekhn. nauk; PISHCHIKOV, G.P., inzh.;  
YUFEROV, V.M., dotsent, kand. tekhn. nauk; DZYUBA, M.I., inzh.;  
SAY, N.F., inzh.; Prinimali uchastiye: SURZHIKOV, V.A., inzh.;  
KOVALEVA, A.D., inzh.; TKACHENKO, A.V., inzh.; KIRVALIDZE, N.S.,  
inzh.; GLADKIKH, D.V., inzh.; YESAULOV, A.T., inzh.

Characteristics of producing large-diameter pipe of Kh18N12M2T  
steel. Stal' 22 no.6:532-535 Je '62. (MIRA 16:7)

1. Yuzhnotrudnyy zavod (for Surzhikov, Kovaleva, Tkachenko,  
Kirvalidze, Gladkikh, Yesaulov).  
(Pipe, Steel) (Rolling(Metalwork))

POLUKHIN, P. I., prof., doktor tekhn. nauk; OSADCHIIY, V. Ya., kand.  
tekhn. nauk; GOLUBCHIK, R. M., kand. tekhn. nauk; EYMOV, V. A.,  
inzh.; KIRVALIDZE, N. S., inzh.; YESAULOV, A. T., inzh.;  
GLADKIKH, D. V., inzh.; MAVRODIY, P. D., inzh.

Improving the grooving of roughing rolls of unit 400 plug  
rolling mills. Sbor. Inst. stali i splav. no.40:319-326 '62.  
(MIRA 16:1)

1. Moskovskiy institut stali i Yuzhnotrubbyy zavod.

(Rolls(Iron mills)) (Pipe mills)

YESAULOV, G. K., mayor meditsinskoy sluzhby

Blood transfusion and blood substitutes in peptic ulcer in  
young subjects. Voen.-med. zhur. no.12:46-48 D '61.  
(MIRA 15:7)

(PEPTIC ULCER) (BLOOD-TRANSFUSION)  
(BLOOD PLASMA SUBSTITUTES)

CA  
YESAULOV, N. P.

Practical potentials of water desalination. N. P. Yesaulov. Abstracts 7, 71 (1965); of Ind. 6, 344 (1966). The performance of the tower cell without pressure is discussed with a math. treatment. C. B.

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION	TOPIC	DATE	AUTHOR	TITLE	ABSTRACT	NOTES	REMARKS
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57
58	58	58	58	58	58	58	58
59	59	59	59	59	59	59	59
60	60	60	60	60	60	60	60
61	61	61	61	61	61	61	61
62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63
64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69
70	70	70	70	70	70	70	70
71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78
79	79	79	79	79	79	79	79
80	80	80	80	80	80	80	80
81	81	81	81	81	81	81	81
82	82	82	82	82	82	82	82
83	83	83	83	83	83	83	83
84	84	84	84	84	84	84	84
85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87
88	88	88	88	88	88	88	88
89	89	89	89	89	89	89	89
90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100

YESAULOV, N.P.; NIKULIN, N.S.; SIDOROV, V.I.; STEPANYAN, N.N.; TSUGULIYEV, A.I.

Observations of the thermal radiation of the moon. Izr. Krym.  
astrofiz. obser. 30:273-283 '63. (MIRA 17:1)

YESAULOV, P. A.

21913. YESAULOV, P. A.

Askaniyskaya poroda tonkorunnykh obets. Sots. zhivotnovodstvo, 1949, №2,  
s. 66-69

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

YESAULOV, P. A.

Agriculture

Progress in the development of communal productive animal husbandry in the USSR;  
Moskva, (Pravda), 1950. (Kolkhoznaiia seriia).

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED





1. YESAULOV P.A.
2. US SR (600)
4. Sheep Breeding
7. Possibilities in the development of fine-wooled sheep raising, Kolkh.proizv.  
13, no.1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

727  
.B6  
1955

Osnovy Zhivotnovodstva; Zoonimum (Fundamentals of Animal Husbandry) 3. Perer. izd.  
Pod. Red. M. S. BLOMKVIST, A. S. VSYAKIKH (1) P. A. Yessaulova. Moskva, Sel'khozgiz, 1955.  
341 P. Illus., Tables.  
At Head of Title: Trekhletniye Kolkhoznyye Agrozootekhnicheskiye Kursy. Pervyy God  
Obucheniya.

YESAULOV, P.A., kandidat sel'skokhozyaystvennykh nauk; ALIKAYEV, V.A., kandidat veterinarnykh nauk; GRUDEV, D.I., kandidat sel'skokhozyaystvennykh nauk; DOROKHOV, S.M.; TARANOV, G.P., kandidat sel'skokhozyaystvennykh nauk; PANDEYEV, B.V., kandidat sel'skokhozyaystvennykh nauk; SHAIN, S.S., professor; PETROVSKAYA, A.P., redaktor; TATAPOV, M.I., tekhnicheskii redaktor

[Fundamentals of stockbreeding; a textbook for students in secondary rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia uchashchikhsia sel'skoi srednei shkoly. Pod red. P.A. Yesaulova. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 294 p. (MLRA 10:1)

1. Starshiy spetsialist Ministerstva sel'skogo khozyaystva SSSR  
(for Dorokhov)  
(Stock and stockbreeding)

BUSURIN, Ya.A., redaktor; YEMEL'YANOV, S.L., redaktor; YESSAULOV, P.A., redaktor; KRYLOV, G.A., redaktor; LITOVCHENKO, G.P., redaktor; SOROKIN, A.M., redaktor; KLETCHENKO, A.V., redaktor; ROMANOVICH, Ye.F., redaktor; SUCHIK, Ye.V., redaktor; PAVLOVA, M.M., tekhnicheskii redaktor

[For highly productive sheep breeding; materials of the All-Union Conference on Sheep Breeding, held in the Great Kremlin Palace in Moscow, November 14-18, 1955] Za vysokoproduktivnoe ovtsevodstvo; materialy Vsesoiuznogo soveshchaniia po ovtsevodstvu, proiskhodivshogo v Moskve, v Bol'shom Kremlevskom dvortse 14-18 noiabria 1955 g. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 418 p. (MLRA 9:10)

1. Vsesoyuznoye soveshchaniye po ovtsevodstvu, Moscow, 1955. 2. Chlen kolegii Ministerstva sel'skogo khozyaystva SSSR (for Yessaulov). (Sheep breeding--Congresses)

YESAULOV, P.A., redaktor; SUCHIK, Ye.V., redaktor; PAVLOVA, M.M.,  
tekhnicheskiiy redaktor

[Raising sheep and goats; a manual for livestock farm managers]  
Ovtsevodstvo i kozovodstvo; rukovodstvo dlia naveduyushchikh fermami.  
Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 679 p. (MLRA 9:12)  
(Sheep) (Goats)

YESAULOV, Petr Aleksandrovich; SHAIN, Solomon Samuilovich; PETROVSKAYA, I.M.,  
redaktor; ANAN'OV, N.I., tekhnicheskii redaktor

[Principles of animal husbandry; textbook for ninth-grade students  
in rural schools] Osnovy zhivotnovodstva; uchebnoe posobie dlia  
uchashchikhsia IX klassov sel'skikh shkol. Moskva, Gos. uchebno-  
pedagog. izd-vo M-va prosv. RSFSR, 1957. 191 p. (MLA 10:10)  
(Stock and stockbreeding)

BLOMKVIST, M.S.,redaktor; VSYAKIEN, A.S.,professor, redaktor;  
YSAULOV, P.A.,kandidat sel'skokhozyaystvennykh nauk, redaktor;  
GRIGOR'YEV, Ye.P.,redaktor; PEVZNER, V.I.,tekhnicheskij redaktor;  
PHESSYPKINA, Z.D.,tekhnicheskij redaktor

[Principles of stockbreeding] Osnovy zhivotnovodstva. Ind. 4-00.  
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 390 p. (MLBA 10:4)  
(Stock and stockbreeding)



YESAULOV, Petr Aleksandrovich, kand.sel'skokhozyaystvennykh nauk; BENYUMOV,  
O.M., red.; GUBIN, M.I., tekhn.red.

[Let us catch up with the United States in per capita production  
of meat, milk and butter] Dogonim SShA po proizvodstvu miasa,  
moloka i masla na dushu naseleniya. Moskva, Izd-vo "Znanie,"  
1958. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniю poli-  
ticheskikh i nauchnykh znaniy. Ser. 5, no.1) (MIRA 11:4)

1. Chlen kollegii Ministerstva sel'skogo khozyaystva SSSR (for  
Yessaulov)  
(Agriculture)

1. Y. A. YESAULOV, P. A.

YESAULOV, P. A.

Principal ways of increasing the per capita output of meat,  
milk, and butter. Politekh. obuch. no.2:12-19 P '58. (MIRA 11:1)  
(Stock and stockbreeding)

YESAULOV, P.

Everybody's duty. IUn. nat. mo.9:3 S '58. (MIRA 11:10)

1. Chlen kollegii Ministerstva sel'skogo khozyaystva SSSR.  
(Rabbit breeding)

YESAULOV, P.A., kand.sel'skokhozyaystvennykh nauk; ORLOV, P.M., zootekhnik

Sixteenth All-Indian Livestock and Poultry Exhibition. Zhivotno-  
vodstvo 20 no.9:85-91 S '58. (MIRA 11:10)  
(New Delhi--Livestock exhibitions) (India--Cattle breeds)

YESAULOV, P.A., kand.sel'skokhozyaystvennykh nauk; VASIL'YEV, H.A.,  
zasluzhennyy zootekhnik RSFSR, laureat Stalinskoy premii.

Outlook for the development of sheep farming in the seven-year  
plan. Zhivotnovodstvo 21 no.6:9-16 '59. (MIRA 12:8)  
(Sheep)

YESAULOV, P.A.; SHAIN, S.S.; SATEKOVA, M., otv. po vypusku;  
RAMAZANOV, Ye., red.; LITVINOV, V., tekhn. red.

[Fundamentals of stockbreeding; textbook for students of the  
9th grade in rural schools] Mal sharuashylygy negisderi; auyl-  
selo mektobinin IX klasyna arnalgan oku kuraly. Alma-Ata,  
Kazaktyn memlekettik oku-pedagogika baspasy, 1960. 197 p.  
(MIRA 15:3)

(Stock and stockbreeding)

BORINEVICH, Vladimir Antonovich; YESAULOV, P.A., otv. red.; MAKAROVA,  
O.K., red. izd-va; PYATAKOVA, N.D., tekhn. red.

[Determining the weight of coarse forage in stacks and in hay  
sheds] Opređenje vesa grubych kormov v skirdakh, stogakh i  
senokhranilishchakh. Izd.3., dop. i perer. Moskva, Gosstatizdat  
TsSU SSSR, 1960. 214 p. (MIRA 14:10)  
(Hay) (Straw)

AREF'YEV, T.I., kand. ekon. nauk; BRASLAVETS, M.Ye., prof., doktor ekon. nauk; BROZGUL', M.M.; VLASOV, N.S., prof., doktor ekon. nauk; DUBROVA, F.F., doktor ekon. nauk; YESAULOV, P.A., kand. sel'khoz. nauk; ZAL'TSMAN, L.M., prof., doktor sel'khoz. nauk; KAL'M, P.A., dotsent, kandidat sel'skokhoz. nauk; KOSTSELETSKIY, N.A., kand. ekon. nauk; KRYLOV, V.S., kand. sel'khoz. nauk; LIBKIND, A.S., dots., kand. ekon. nauk; MAKAROV, N.P., prof., doktor ekon. nauk; OGLOBLIN, Ye.S., kand. sel'khoz. nauk; POLOVENKO, S.I., kand. ekon. nauk; POPOV, S.A., dots., kand. ekon. nauk; SAPII'NIKOV, N.G., doktor ekon. nauk; TISHCHENKO, G.A., prof., kand. ekon. nauk; TYUTIN, V.A., prof., doktor ekon. nauk; YANYUSHKIN, M.F., kand. ekon. nauk; PYLAYEVA, A.P., red.; FREYDMAN, S.M., red.; SOKOLOVA, N.N., tekhn. red.

[Organization of socialist agricultural enterprises] Organizatsiya sotsialisticheskikh sel'skokhoziaistvennykh predpriyatii; kurs lektsii. Moskva, Sel'khozizdat, 1963. 662 p.

(MIRA 16:8)

1. Zaveduyushchiy otdelom ekonomiki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for Aref'yev).
2. Odesskiy sel'skokhozyaystvennyy institut (for Braslavets).

(Continued on next card)



AREF'YEV, T.I.--- (continued), Card ..

3. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Vlasov).
4. Zaveduyushchiy otdelom ekonomiki i organizatsii Nauchno-issledovatel'skogo instituta sadovodstva im. I.V.Michurina (for Dubrova).
5. Moskovskiy Gosudarstvennyy universitet im. M.V.Lomonosova (for Zal'tsman, Polovenko).
6. Zaveduyushchiy kafedroy organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Kal'm).
7. Zaveduyushchiy otdelom ekonomiki Nauchno-issledovatel'skogo instituta ovoshchnogo khozyaystva (for Kostseletskiy).
8. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitsevodstva (for Krylov).
9. Moskovskiy ekonomiko-statisticheskii institut (for Libkind).
10. Vsesoyuznyy sel'skokhozyaystvennyy institut zaochnogo obrazovaniya (for Makarov).
11. Zaveduyushchiy otdelom ekonomiki Krasnodarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Ogloblin).
12. Kafedra organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Popov).
13. Zaveduyushchiy kafedroy Sovetskoy ekonomiki Vysshey partiynoy shkoly (for Sapil'nikov).
14. Voronezhskiy sel'skokhozyaystvennyy institut (for Tishchenko).
15. Leningradskiy sel'skokhozyaystvennyy institut (for Tyutin).
16. Direktor Severo-Kavkazskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Yanyushkin).

(Agriculture--Economic aspects)

YESAULOVA, P.A., kand. sel'khoz.nauk, red.; LITOVCHENKO, G.R.,  
doktor sel'khoz. nauk, red.; GROMOVA, A.V., red.;  
PROKOF'YEVA, L.N., tekhn. red.; BALLOD, A.I., tekhn. red.

[Sheep farming] Ovtsevodstvo. Moskva, Sel'khozizdat, 1963.  
719 p. (MIRA 16:12)

(Sheep)

YESAULOV, P.G., general-mayor; PAMFILOV, D.N., polkovnik, redaktor

[Regulations for the routine administration of the Armed Forces of  
the U.S.S.R.] Ustav vnutrennei sluzhby voeruzhennykh sil Soiuza SSR.  
Moskva, Voen. izd-vo Ministerstva oborony SSR, 1954. 228 p.  
[Microfilm] (MLRA 8:2)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
(Russia--Armed Forces--Regulations)

YESAULOV, P.G., general-mayor; PAMFILOV, D.N., polkovnik

[Regulations governing garrison and guard duty of the Armed Forces of the U.S.S.R.; with amendments announced by decrees of the Minister of Defense, effective as of March 1, 1960]  
Ustav garnizonnoi i karaul'noi sluzhby Vooruzhennykh Sil Soluza SSR. S izmeneniami i utochneniami, ob"iavlennymi prikazami Ministra oborony SSSR po sostoiianiu na 1 marta 1960 g. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 208 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
(Guard duty)

YESAULOV, P.G., general-mayor; DUKACHEV, M.P., polkovnik

[Garrison duty regulations of the Armed Forces of the U.S.S.R.]  
Ustav vnutrennei sluzhby Vooruzhennykh Sil Soiuza SSR. Moskva,  
Voen.izd-vo M-va obor.SSSR, 1960. 231 p.

(MIRA 13:11)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
: (Russia--Armed forces--Regulations)

YESAULOV, P.G., general-mayor; MOROZOV, B.N., polkovnik, red.

[Drill manual of the Armed Forces of the U.S.S.R.] Stroevoi  
ustav Vooruzhenykh sil Soyuza SSR. Moskva, Voenn. izd-vo,  
1962. 176 p. (MIRA 15:10)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
(Russia--Army--Drill and tactics)

YESAULOVA, P.G., general-mayor; MOROZOVA, B.N., polkovnik, red.

[Drill regulations of the armed forces of the Soviet Union]  
Stroevoi ustav Vooruzhennykh Sil Soiuza SSR. Moskva, Voen.  
izd-vo M-va obor. SSSR, 1960. 176 p. (MIRA 14:9)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
(Russia—Army—Drill and tactics)

KOVALEVSKAYA, I.L.; EPSHTEYN-LITVAK, R.V.; DMITRIYEVA-RAVIKOVICH, Ye.M.;  
 KURNOSOVA, N.A.; SHCHEGLOVA, Ye.S.; FERDINAND, Ya.M.;  
 KROMIK, S.R.; MAKHLINOVSKIY, L.P.; PETROVA, S.S.;  
 GOLUBOVA, Ye.Ye.; GONCHAROVA, Z.I.; SARMANEYEV, A.P.;  
 SIZINTSEVA, V.P.; Prinimali uchastiye: MEDYUKHA, G.A.;  
 OSOKINA, L.A.; RACHKOVSKAYA, Yu.K.; OSOVTSEVA, O.I.;  
 DEDUSENKO, A.I.; KOVALEVA, P.S.; KARASHEVICH, V.P.;  
 CHEBOTAREVICH, N.D.; CHIGIR', T.R.; SKUL'SKAYA, S.D.;  
 KECHETZHIYEV, B.A.; DEMINA, A.S.; ZUS'MAN, R.T.; YESAKOV, P.I.;  
 SYSOYEVA, Z.A.; ZINOV'YEVA, I.S.; FAL'CHEVSKAYA, A.A.;  
 DENISOVA, B.D.; TIMOFELEVA, R.G.; SYRKASOVA, A.V.;  
 LYANTSMAN, S.G.

Reactivity and immunological and epidemiological effectiveness  
 of alcoholic typhoid and paratyphoid fever vaccines in school  
 children. Zhur. mikrobiol., epid. i immun. 33 no.7:72-77  
 J1 '62. (MIRA 17:1)

1. Iz Moskovskogo, Rostovskogo, Omskogo institutov epidemio-  
 logii i mikrobiologii, Stavropol'skogo instituta vaktsin i  
 syvorotok i Ministerstva zdravookhraneniya RSFSR. 2. Rostovskiy  
 institut epidemiologii i mikrobiologii (for Kovaleva).
3. Stavropol'skiy institut vaktsin i syvorotok (for Sysoyeva).
4. Kuybyshevskiy institut epidemiologii i mikrobiologii (for  
 Zinov'yeva). 5. Saratovskaya gorodskaya sanitarno-epidemiolo-  
 gicheskaya stantsiya (for Lyantsman).



CHIGARKIN, A.V.; TRIFONOVA, T.M.; SMIRNOVA, R.Ya.; KAZANSKAYA, Ye.A.; VILESOVA, L.A.; MUKHAMETZHANOV, S., kand. geologo-miner. nauk; GLADYSHEVA, Ye.H., kand. geogr. nauk; BAZARBAYEV, K.; KUZNETSOVA, Z.V.; AEDRAKIMANOV, S.; NAZARENKO, I.M., kand. geogr. nauk; YESAULENKO, P.I., kand. sel'khoz. nauk; LAVROVA, I.V., kand. ekonoz. nauk; PAL'GOV, N.N., akademik, red.; CHEZGANOV, L., red.; NAGIBIN, P., tekhn. red.

[The Virgin Territory; brief studies on nature, population and economy]TSelinnyi krai; kratkie ocherki o prirode, naselenii i khoziaistve. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 188 p. (MIRA 15:9)

1. Otdel geografii Akademii nauk Kazakhskoy SSR (for all except Chezganov, Nagibin). 2. Akademiya nauk Kazakhskoy SSR (for Pal'gov).

(Virgin Territory---Economic geography)

YESAULOV, P.G., general-mayor; MOROZOV, B.N., polkovnik, red.

[Drill manual of the Armed Forces of the U.S.S.R.] Strovoi  
ustav Vooruzhennykh sil Soiuza SSR. Moskva, Voen.izd-vo M-va  
oborony SSSR, 1963. 176 p. (MIRA 16:2)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.  
(Russia--Armed forces--Drill and tactics)

YESAULOV, V.P., kand.tekhn.nauk; KHUDOKORMOV, V.I., inzh.

Determining the friction coefficient for an inertia braking  
stand with hinge-cuspended shoes. Mashinostroenie no.6:48-  
49 N-D '65. (MIRA 18:12)

YESAULOVA, Z. A.

YESAULOVA, Z. A. "On penicilling treatment of purulent ulcers of the corneal membrane",  
Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 285-87.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

YESAULOVA, Z. A.

"Clinical Aspects and Pathologico-Histology of Penetrating Wounds of the Eye."  
Minsk State Med Inst, (Smolensk, 1954)  
(DISSERTATION for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis, No. 32, 6 Aug 55

STETSENKO, V.Ya.; YEZAYAN, A.R. (Dushanbe)

Theorems on positive solutions to equations of the second order with nonlinear operators. Mat. sbor. (8 no. 4:473-486 D '65. (MIRA 18:12)

1. Submitted January 8, 1964.

YESAYAN, A.R.

Determining the upper bound of the moduli of zeroes of incomplete  
polynomials. Uch. zap. Tadzh. un. 26 no.1:31-42 '63.  
(MIRA 18:2)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9"



"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9"

YESAYAN, A.R.; STETSENKO, V.Ya.

Determinations of the spectrum of integral operators and  
infinite matrices. Dokl. AN SSSR 157 no. 2:254-257 J1 '64.  
(MIRA 1747)

1. Tadzhikskiy gosudarstvennyy universitet. Predstavleno  
akademikom A.Yu.Ishlinskim.

YESAYAN, A.R.; SABIROV, T.

Incompatibility of certain semiordering relations. Dokl. AN  
Tadzh. SSR 6 no.4:8-12 '63. (MIRA 17:4)

1. Otdel fiziki i matematiki AN Tadzhikskoy SSR i Tadzhikskiy  
gosudarstvennyy universitet imeni Lenina. Predstavleno  
akademikom AN Tadzhikskoy SSR S.U.Umarovym.

YESAYAN, A. S.

Armenia - Forestry Schools and Education

Education of young cadres of foresters in the Armenian S. S. R. Les. khoz. 5 No. 6, 1952

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, NOVEMBER 1952. UNCLASSIFIED.

SAAKYAN, Gurgan Serobovich; SAMSONOVA, N., red.; YESAYAN, G., red.; OVASAPYAN, A., tekhn. red.

[Energy spectra and nuclear interactions of cosmic ray particles]  
Energeticheskie spektry i iadernye vzaimodeistviia chastits kosmicheskogo izlucheniia. Erevan, Izd-vo Erevanskogo univ., 1960. 113 p.  
(MIRA 14:8)

(Cosmic rays)

YESAYAN, G.S.

Age of tomato plants and viability of cuttings obtained from them.  
Izv.AN Arm.SSR,Biol.i sel'khoz.nauki. 2 no.1:37-43 '49. (MLRA 9:8)

1. Institut genetiki i selektsii rasteniya Akademii nauk Armyanskoy  
SSR.

(TOMATOES)

YESAYAN, G.S.

Effect of a young stock plant on a biologically old graft. Izv. AN  
Arm.SSR. Biol. i sel'khoz. nauki 2 no.2:161-167 '49. (MLA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy  
SSR.

(GRAFTING)

YHSAYAN, G.S.

Effect of the age of tomato hybrids on the behavior of their progeny  
grown from seeds. Izv. AN Arm.SSR. Biol. i sel'khoz. nauki 2 no.6:  
537-543 '49. (MLRA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy SSR.  
(TOMATOES)



YESAYAN, G. S.

Yesayan, G. S. "The effect of plant growth on the chlorophyll content of the green leaves of the tomato", Doklady (Akad. nauk Arm. SSR), Vol. X, No. 3, 1949, p. 129-31, (Resume in Armenian), - Bibliog: p. 131.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

YESAYAN, G.S.

Effect of the age of the maternal plant and its ovule on the development of recessive characters in the first generation of tomato hybrids. Dokl. AN Arm. SSR. 11 no. 1:45-48 '49.  
(MIRA 9:10)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy SSR, Yerevan. Predstavleno V.O. Gulkaryanov.  
(Tomatoes) (Hybridization, Vegetable)

CA YESAYAN, G. S.

11D

Aging of tomato plants in vegetative propagation. G. S. Yesayan. *Zhur. Obshch. Biol. (J. Gen. Biol.)* 11, 274-91 (1960).—Vegetative propagation of pure strain or hybrid tomato plants dwarfs plants and fruit, lowers yield, impairs disease resistance, and decreases leaf chlorophyll content. The fruit contains less sugar and more acid. Grafted plants bear good amt. and quality of fruit only under optimum nutritional conditions. Julian P. Smith

YESAYAN, G.S.

Winter dormancy of buds and frost resistance of nut-bearing plants.  
Fiziol.rast. 5 no.5:463-467 S-O '58. (MIRA 11:11)

1. Institut vinogradarstva, vinodeliya i plodovodstva, Yerevan.  
(Plants--Frost resistance) (Nut trees) (Buds)

SOV-26-58-10-25/51

AUTHOR: Yesayan, G.S., Candidate of Biological Sciences (Yerevan)

TITLE: More Fruit Trees in Roadside Plantations (Bol'she plodov-ykh derev'yev v pridorozhnyye nasazhdeniya)

PERIODICAL: Priroda, 1958, Nr 10, pp 101-102 (USSR)

ABSTRACT: The article deals with the need for the planting of fruit trees wherever possible along roads in Armenia. These would serve both as snow-, sun- and wind-breaks and at the same time give a valuable yield of fruit. Attention must be paid to soil and climatic conditions of the various sections of the road in choosing suitable varieties of fruit tree. Some examples where such planting has been carried out in Armenia are given. The author stresses the value of walnuts as a food. There is 1 photo.

1. Trees--Armenia 2. Fruits--Culture

Card 1/1

KAZARYAN, V.O.; YESAYAN, G.S.

Effect of pruning the apricot tree on the quantity and quality of  
yield. Dokl. AN Arm.SSR 30 no.5:301-307 '60. (MIRA 13:8)

1. Botanicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno  
akad. AN Armyanskoy SSR G.Kh. Bunyatyanom.  
(Apricot)

KAZARYAN, V.O.; YESAYAN, G.S.

Effect of pruning on the growth and vital activity of apricot leaves. Izv. AN Arm. SSR. Biol. nauki 14 no.2:17-26 F '61.

(MIRA 14:3)

1. Botanicheskiy institut AN ArmSSR i Institut plodovodstva i vinogradarstva ministerstva sel'skogo khozyaystva ArmSSR.  
(PRUNING) (ARARAT REGION--APRICOT) (LEAVES)

CA

Preparation of hexachloroethane and carbon tetrachloride from 1,2-dichloro-2-butene. A. N. Alkopyan, G. T. Pasyan, and V. Martinyan. *Zh. Prikl. Khim.* (J. Applied Chem.) 21, 146-50 (1948).— $C_2Cl_4$  and  $CCl_4$  are obtained in 1 step by destructive catalytic chlorination of  $ClCH_2CH=CClCH_3$ . The best conditions are activated C as catalyst at about  $450^\circ$ ; the total yield is as high as 80%. No side products are formed and the outgoing gas is HCl with about 20% Cl, the latter being usable for preliminary chlorination of the dichlorobutene to 1,2,3,4-tetrachlorobutane which in itself is a suitable starting material. During the process quite pure HCl is obtained. For the highest yield (80%) the feed rate of Cl was 10 l./hr., of dichlorobutene 3.5 g./hr., and the yields of  $C_2Cl_4$  and  $CCl_4$  70 and 11 g., resp. Below  $450^\circ$  or with rapid charging of the starting materials 2 unidentified substances were also formed, a liquid b.p.  $202-5^\circ$ , and crystals m.  $225^\circ$ . Kitty Lus.



ESAYAN, G. T.

USSR/Chemistry - 2-Butene, 1,3-Dichloro  
Chemistry - Chlorination

Feb 1948

"Preparation of Hexachloroethane and Carbon Tetrachloride From 1,3-Dichloro-2-Butene,"  
A. N. Akopyan, G. T. Esayan, V. Martirosyan, Cent Sci Res Lab, Works imeni S. M. Kirov,  
4 $\frac{1}{4}$  pp

"Zhur Prik Khim" Vol XXI, No 2

Destructive chlorination of 1,3-dichloro-2-butene, formed as a by-product of hydrochlorination of monovinylacetylene to chloroprene, was carried out in the presence of activated carbon at 450°C at rates of flow of chloride of 20-22 l/hr and dichlorobutene of 5.3-5.7 g/hr (20% excess chlorine) and gave an average of 73%, and up to 80%, theoretical yields of products, among them about 75% hexachloroethane and the rest carbon tetrachloride. Increase of temperature to 600° probably would raise the yield of carbon tetrachloride.

Submitted 11 Jan 1947

PA 64T9

ESAYAN, G. T.

178T16

USSR/Chemistry - Substituted Butadienes 1 Feb 51

"Synthesis of Arylbutadienes," V. I. Isagulyants,  
Act Mem Acad Sci Armenian SSR, G. T. Esayan, Chem  
Inst, Acad Sci Armenian SSR

"Dok Ak Nauk SSSR," Vol LXXVI, No 4, pp 531-534

Action of powd potassium hydroxide on 1-aryl-3-  
chlorobutenes-2 (I) leads to 1-arylbutadienes-1,3.  
Latter may prove useful as starting materials for  
prepn of high-mol polymers, although they have  
strong tendency towards dimeric cyclization.  
Action of alcoholic KOH on I results in 1-aryl-3-  
ethoxybutenes.

178T16

10

Chem A

Synthesis of arylbutadienes. V. I. Isagulyants and G. I. Bayan. *Doklady Akad. Nauk S.S.S.R.* 76, 511-3 (1951). Reaction of 1-aryl-3-chloro-2-butenes with powdered KOH yields 1-aryl-1,3-butadienes, probably via the formation of acetylenic analogs and the allene-butadiene rearrangement. Use of alc. KOH yields the ethoxybutenes (C.A. 42, 5304). As solvents for the reaction one may use CCl<sub>4</sub>, MePh, Vasoline Oil, etc.). The best yield of Ph-CH=CH:CH=CH<sub>2</sub> monomer, 21-25%, by 70-1°, n<sub>D</sub><sup>20</sup> 1.5088, d<sub>4</sub><sup>20</sup> 0.9277, is obtained in boiling MePh with excess KOH; simultaneously 25-30% dimer forms. Addn. of CuI<sub>2</sub>·NH<sub>3</sub> as stabilizer did not affect the yield. The monomer forms the dibromide, m. 80-90°, and the tetrabromide, m. 141-4°, while with maleic anhydride it yields 3-phenyl-tetrahydrophthalic anhydride, m. 119-20°, which hydrolyzes to the free acid, m. 196-7°. Thus the monomer appears to be the trans-isomer. The liquid dimer, b.p. 181°, n<sub>D</sub><sup>20</sup> 1.5088, d<sub>4</sub><sup>20</sup> 1.0327, forms a dibromide, m. 221-2°. In addn., a solid, C<sub>10</sub>H<sub>10</sub>, also forms in the reaction in unspecified yield. Reactions with substituted analogs were less facile, and excess KOH and long heating periods were needed; hence the butadienes (monomers) were isolated only in 12-18% yields, and their dimers in 35-60% yields. Possibly the monomers were trans structures. Thus, the following were obtained: 1-(p-tolyl)-1,3-butadiene, b. 81-5°, n<sub>D</sub><sup>20</sup> 1.5752, d<sub>4</sub><sup>20</sup> 0.9270; dimer, b. 237-10°, n<sub>D</sub><sup>20</sup> 1.5702, d<sub>4</sub><sup>20</sup> 0.9905; adduct of monomer with maleic anhydride, 3-(p-tolyl)-Δ<sup>4</sup>-tetrahydrophthalic anhydride, m.p. undet. (free acid, m. 200-1°). 1-(p-cumyl)-1,3-butadiene, b. 105-6°, n<sub>D</sub><sup>20</sup> 1.5460, d<sub>4</sub><sup>20</sup> 0.9054; dimer, b. 238-41°, n<sub>D</sub><sup>20</sup> 1.5518, d<sub>4</sub><sup>20</sup> 0.9684; 3-(p-cumyl)-Δ<sup>4</sup>-tetrahydrophthalic acid, m. 205-6°. 1-(Naphthyl)-1,3-butadiene, b. 130-41°, n<sub>D</sub><sup>20</sup> 1.6238, d<sub>4</sub><sup>20</sup> 1.0020; dimer, b. 270-3°, m. 204°. Monomeric with 3 moles of maleic anhydride could not be isolated, but the dimer by 208-74°. In all reactions polymers were formed; these on drying formed strong elastic films. G. M. Kosolapoff

1951

[illegible]

100

YESAYAN, G.T.; OGANESYAN, R.M.

Sulfuric acid hydrolysis of  $\gamma$ -chlorocrotyl sulfonic acid and its chloranhydrides. Izv. AN Arm.SSR Ser. IMET nauk 7 no.2:59-64  
Mr-Ap '54. (MLRA 8:3)

1. Khimicheskiy institut AN Armyanskoy SSR.  
(Sulfonic acid) (Hydrolysis)

ISAGULYANTS, V.I.; YESAYAN, G.T.; TERZYAN, A.G.; OGANESEYAN, R.M.;  
MANASEGYAN, N.H.

Mechanism of the hydrogenation of divinylacetylene. Dokl.AN SSSR  
94 no.5:883-885 F '54. (MLRA 7:2)

1. Deystvitel'nyy chlen Akademii nauk Armyanskoy SSR (for  
Isagulyants). (Hydrogenation) (Acetylene derivatives)

**"APPROVED FOR RELEASE: 03/15/2001**

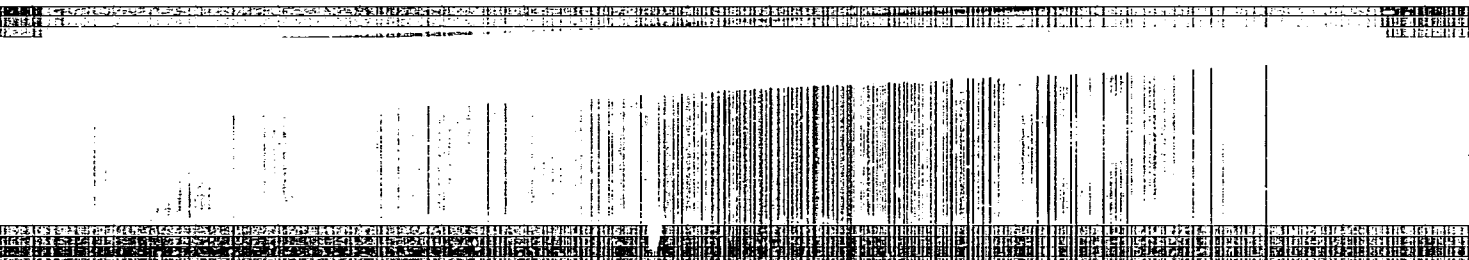
**CIA-RDP86-00513R001962920003-9**

**APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001962920003-9"**

**"APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001962920003-9**



**APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001962920003-9"**



**"APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001962920003-9**

**APPROVED FOR RELEASE: 03/15/2001**

**CIA-RDP86-00513R001962920003-9"**

MARDZHANAYAN, G.M.; YESAYAN, G.T.

New insecticide-acaricide of the group of organic thiocyanates.  
Izv. AN Arm.SSR. Biol. i sel'khoz.nauki 9 no.8:59-66 Ag '56.  
(MLRA 9:10)

1. Sektor zashchity rasteniy i Khimicheskly institut Akademii nauk  
Armyanskoy SSR.  
(THIOCYANATES) (INSECTICIDES)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001962920003-9"

— Yesayan, G. T.

E-2

USSR/Organic Chemistry - Synthetic Organic Chemistry

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4317

Author : Azatyan, V.D., Yesayan, G.T.

Title : Concerning the Oxidation of Cyclo-Octatetraene to Terephthalic Acid.

Orig Pub : Zh. obshch. khimii, 1956, 26, No 2, 599-600

Abstract : Oxidation of cyclo-octatetraene (I) with  $\text{CrO}_3$  results in the formation, together with the terephthalic acid (II) and  $\text{C}_6\text{H}_5\text{CHO}$  (III), of a large amount of  $\text{C}_6\text{H}_5\text{COCH}$  (IV) (cf. Reppe W. et al., Liebigs Ann. Chem. 1948, 560, 1). To 1 g of I in 100 ml glacial  $\text{CH}_3\text{COOH}$  is added a 33% solution of  $\text{CrO}_3$  in 75% aqueous  $\text{CH}_3\text{COCH}$ . The reaction mixture is diluted with water and extracted with ether, and the ether extract is treated with 5% solution of  $\text{NaOH}$ . From the ether layer is recovered III. To the boiling alkaline layer is added a solution of  $\text{H}_2\text{SO}_4$ . The precipitate that is obtained is weighed and

- 47 -

Card 1/2

YESAYAN, G.T.; VARDANYAN, A.G.

The reaction of  $\gamma$ -chlorocrotylsulfochloride with certain amines substituted in the nucleus. Izv. AN Arm. SSR, Ser. khim. nauk 10 no.1:71-74 '57. (MLRA 10:9)

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR.  
(Chemical reaction--Mechanism)  
(Chlorides) (Amines)

YESHYFF4, G.T.

YESAYAN, G.T.; MARDZHANYAN, G.M.; OGANESEYAN, R.M.; USTYAN, A.K.

Investigating esters of sulfacids. Report No.1: Synthesis and  
acaricide properties of certain esters of  $\gamma$ -chlorocrotylsulfo  
acid. Izv. AN Arm SSR Ser. khim. nauk 10 no.4:277-282 '57.

(MIRA 10:12)

1. Khimicheskiy institut AN ArmSSR i Institut zemledeliya Ministerstva  
sel'skogo khozyaystva ArmSSR.  
(Sulfonic acids)

YESAYAN, G.T.; VARDANYAN, A.G.

Sulfonic acid esters. Report No.2: Synthesis of 4 - methyl -7- cumaryl  
sulfonic acid esters. Izv. AN Arm. SSR. Ser. khim. nauk v.10 no.5:  
353-356 '57. (MIRA 11:1)

1. Khimicheskiy institut AN ArmSSR.  
(Sulfonic acids)

YESAYAN, G.T.; VARDANYAN, A.G.

~~YESAYAN, G.T.~~  
Sulfonic acid esters. Report No.3: Cleaving sulfonic acid esters  
by thiocyanat. Izv.AN Arm.SSR. Khim.nauki 11 no.2:119-125  
'58. (MIRA 11:11)

1. Institut organicheskoy khimii AN ArmSSR.  
(Sulfonic acids) (Thiocyanates)



AZATYAN, V.D.; YESAYAN, G.T.

Investigations of sulfonic acid esters. Report No.4: Synthesis  
of n-chlorophenyl esters of various aliphatic sulfonic acids.  
Izv.AN Arm.SSR.Khim.nauki 11 no.5:369-372 '58. (MIRA 12:1)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.  
(Sulfonic acids)

YESAYAN, G.T.; OGANESEYAN, B.Ye.

Reaction of methylene iodide and thiourea. Dokl. AN Arm. SSR  
31 no. 2:87-90 '60. (MIRA 13:11)

1. Institut organicheskoy khimii Akademii nauk Armyanskoy  
SSR. Predstavleno akademikom AN Armyanskoy SSR

V. Isagulyantseg.

(Methane)

(Urea)

YESAYAN, G.T.

Interaction between thioures and 2-chloro-, 2,3-dichloro-, and 2,3,3-trichloro-2-methylbutanes. Izv. AN Arm. SSR Khim. nauki 13 no.2/3:217-220 '60. (MIRA 13:10)

1. Institut organicheskoy khimii AN Arm. SSR.  
(Butane) (Urea)

YESAYAN, G.T.; OGANESYAN, E.Ye.; KONDZHIKYAN, G.A.

Synthesis of carbamates and thiocarbamates based on 1,3-dichloro-2-butene. Izv. AN Arm.SSR. Khim.nauki 14 no.5: 505-509 '61. (MIRA 15:1)

1. Institut organicheskoy khimii AN Armyanskoy SSR.  
(Carbamic acid)

AZATYAN, V.D.; YESAYAN, G.T.; GALOYAN, G.A.

Investigation in the field of sulfonic acid esters. Report No.3:  
Synthesis of p-chlorophenyl esters of some aliphatic and  
cycloaliphatic sulfonic acids. Izv.AN Arm.SSR.Khim.nauki 14  
no.1:57-62 '61. (MIRA 1515)

1. Institut organicheskoy khimii AN Armyanskoy SSR.  
(Sulfonic acid) (Esters)

YESAYAN, G.T.; OGANESYAN, E.Ye.

Synthesis of butene-2-disulfochlorides-1,4 and their interaction  
with amino compounds. Dokl. AN Arm. SSR 33 no.3:111-117 '61.  
(MIRA 14:12)

1. Institut organicheskoy khimii AN Armyanskoy SSR. Predstavleno  
akademikom AN Armyanskoy SSR V.I. Isagulyantsem.  
(Sulfonyl chlorides)

PHASE I BOOK EXPLOITATION

46  
SOV/6195

Nauchnaya konferentsiya institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR. Yerevan, 1957.

Materialy nauchnoy konferentsii institutov khimii Akademiy nauk Azerbaydzhanskoy, Armyanskoy i Gruzinskoy SSR (Materials of the Scientific Conference of the Chemical Institutes of the Academies of Sciences of the Azerbaydzhian, Armenian, and Georgian SSR) Yerevan, Izd-vo AN Armyanskoy SSR, 1962. 396 p. 1100 copies printed.

Sponsoring Agency: Akademiya nauk Armyanskoy SSR. Institut organicheskoy khimii.

Resp. Ed.: L. Ye. Ter-Minasyan; Ed. of Publishing House: A. G. Silkuni; Tech. Ed.: G. S. Sarkisyan.

PURPOSE: This book is intended for chemists and chemical engineers, and may be useful to graduate students engaged in chemical research.

COVERAGE: The book contains the results of research in physical, inorganic, organic, and analytical chemistry, and in chemical engineering, presented at the Scientific Conference held in Yerevan, 20 through 23 November 1957. Three reports of particular interest are reviewed below. No personalities are mentioned. References accompany individual articles.

Materials of the Scientific Conference (Cont.)

BOV/6195

Yesayan, G. T. Synthesis of Some Organic Compounds of Sulfur  
With Insecticidal and Acaricidal Activity

344

ANALYTICAL CHEMISTRY

Bagbanly, I. L., and T. R. Mirzoyeva. Volumetric-Iodato-  
metric Method of Determining Small Amounts of Zinc Em-  
ploying Complex Compounds of Trivalent Chromium

352

CHEMICAL ENGINEERING

Melik-Akhnazaryan, A. P. Investigation of the Electrical  
Melting of Glass

361

Mamedov, Shamkhal, and I. Nizker, and A. Rzayev. Synthesis  
of Plasticizer AHAS-γ

375

Card 10/11

2/2



AZATYAN, V.D.; VASILYAN, M.V.; YESAYAN, G.T.

Derivatives of acetylenic alcohols,  $\gamma$ -glycols, and polyhydric alcohols. Report No.1: Synthesis of sulfoethers of tertiary acetylenic  $\gamma$ -glycols and polyhydric alcohols. Izv. AN Arm.SSR. Khim. nauki. 16 no.3:257-261 '63. (MIRA 17:2)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

AZATYAN, V.D.; YESAYAN, G.T.; STEPANYAN, A.A.

Sulfonic acid esters. Report No. 12: -Chloroethyl esters  
of sulfonic acids. Izv. AN Arm. SSR. Khim. nauki 16 no.5:  
461-464 '63. (MIRA 17:1)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

AGBALYAN, S.G.; YESAYAN, G.T.; MAGAKYAN, P.O.; NSEANYAN, A.O.

Sulfoacid esters. Part 13: Synthesis of some derivatives of  
cyclohexanesulfonic acid. Izv.AN Arm.SSR.Khim.nauki 17 no.1:69-74  
'64. (MIRA 17:4)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

ISAGULYANTS, V.I.; YESAYAN, G.T.

1,3-Dichloro-2-butene and new preparations based on it. Usp.khim.  
33 no.1:52-74 Ja '64. (MIRA 17:4)

1. Institut organicheskoy khimii AN Armyanskoy SSR.