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Handbook on Open and Closed Die Forging

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Handbook on Open and Closed Die Forging SOV/1586

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FEDOROV, A. F.

"The Effect of Drying on the Fermentation Properties of Malt." Cand Tech Sci, Leningrad Technological Inst of the Food Industry, Leningrad, 1954. (RZhKhim, No 6, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

TATARNIKOV, A. A. (Tomsk); FEDOROV, A. F. (Tomsk)

Determination of arbitrary constants in the solution of a differential equation of a linear automatic control system by means of a gaussian circuit. Avtom. i telem. 23 no.11:1560-1562 N '62. (MIRA 15:10)

(Differential equations)
(Automatic control)

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FEDOROV, A. F.; KURSHEVA, N. G.; ZHUPIKOVA, T. G.

Fundamentals of the enrichment of the distiller's grain by means of ammonium lactate. Izv. vys. ucheb. zav.; pishch. tekh. no.5:92-95 '62. (MIRA 15:10)

1. Voronezhskiy tekhnologicheskiy institut, kafedra tekhnologii brodil'nykh proizvodstv.

(Fermentation) (Feeds)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.F.; ZHUPIKOVA, T.G.

Production of alcohol from reprocessed discard molasses. Spirt.prom. 29 no.1:12-13 '63. (MIRA 16:2)

1. Voronezhskiy tekhnologicheskiy institut.
(Molasses) (Distillation)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.F.; KOROBOV, Ye.B.; KURSHEVA, N.G.

About the so-called "systoamylase". Ferm. i spirt. prom. 30 no.1: 13-14 '64. (MIRA 17:11)

1. Voronezhskiy tekhnologicheskiy institut.

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FEDOROV, A.F.; ZHUPIKOVA, T.G.

Continuous alcohol fermentation of kvass wort. Ferm. i spirt. prom. 30 no.7:17-18 '64 (MIRA 18:2)

1. Voronezhskiy tekhnologicheskiy institut.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

3(9) SOV/26-59-4-20/43

AUTHOR: Fedorov, A.F.

TITLE: Natural Radioactivity of Sea Organisms (Yestestvennaya radioaktivnost' morskikh organizmov)

PERIODICAL: Priroda, 1959, Nr 4, pp 86-88 (USSR)

ABSTRACT: The author explains the ability of planktons to concentrate various chemical elements contained in sea water in their organism and gives a table of these elements on the example of the "Soreroda". He draws special attention to the discovery made by foreign and Soviet scientists that the radioactivity extent in various planktons is considerably higher than that of surface water layers. On the example of the Calanus finmarchicus he analyzes the elementary chemical composition and reaches the conclusion that almost all natural radioactivity of the Calanus Finmarchicus is conditioned by the presence of potassium in its organism. The degree of radioactivity does

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FEDOROV, A.F.

Absorption by sea plankton of a mixture of β-emitters with long half-life. Med.rad. 5 no.6:51-54 '60. (MIRA 13:12)
(PLANKTON) (RADIOISOTOPES)

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FEDOROV, A.F.

Accumulation of some radioisotopes in mass forms of plankton organisms in northern seas. Nauch. dokl. vys. shkoly; biol. nauki no. 1:95-98 '61. (MIRA 14:2)

1. Rekomendovana Polyarnym institutom rybnogo khozyaystva i okeanografii.
(BARENTS SEA--WATER--POLLUTION) (RADIOACTIVE SUBSTANCES) (PLANKTON)

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FEDOROV, A.F.; SAMOKHIN, G.V.

Gamma field intensity above the sea surface. Dokl. AN SSSR 143 no.1:101-103 Mr '62. (MIRA 15:2)

1. Predstavleno akademikom Ye.N.Pavlovskim.
(Gamma rays)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

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(2)

KHLEBOV, O. M.; GUSEV, N. G.; and [illegible], A. F.

"Observations on the Program of Drafting a Convention to Govern the Disposal of Radioactive Waste into the Sea."

report presented at the IAEA Panel Meeting on Radioactivity in the Marine Environment Vienna, 21-23 Nov 1962.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, Aleksey Fedorovich (1891-), polkovnik; BARANOV, N.V., red.; CHAPAYEVA, R.I., tekhn. red.

[October reveilles]Oktiabr'skie zori. Moskva, Voenizdat, 1962. 262 p. (MIRA 15:10)
(Fedorov, Aleksei Fedorovich, 1891-)

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FEDOROV, A.F.; PODYMAKHIN, V.N.

Let's protect the world ocean against radioactive contamination. Priroda 51 no.11:47-50 N '62. (MIRA 15:11)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanografii, Murmansk.

(Radioactivity--Physiological effect)
(Marine biology)

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FEDOROV, A.F.; KILZHENKO, V.P.

Radioactivity of some bottom organisms in the Norwegian Sea. Okeanologiia 3 no.1:123-126 '63. (MIRA 17:2)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanologii imeni N.N.Knipovicha.

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FEDOROV, A.F.; PODYMAKHIN, V.N.; KILEZHENKO, V.P.; BUYANOV, N.I.
GOLOSKOVA, E.M.

Radiation conditions in the fishing regions of the North Atlantic. Okeanologiia 4 no.3:431-436 '64 (MIRA 18:1)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanografii imeni N.M.Knipovicha.

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FEDOROV, A.F.; KOZYREVA, Ye.F.; MILYAKOV, V.T.

Possibility of an interferometric determination of alcohol in water-alcohol solutions. Ferm. i spirt.prom. 31 no.3:10-11 '65.
(MIRA 18:5)

1. Voronezhskiy tekhnologicheskiy institut.

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FARADZHEVA, Ye.D.; FEDOROV, A.F.

Investigating the fermentation processes in the preparation of beer wort. Ferm. i spirt. prom. 31 no.6:10-13 '65. (MIRA 18:9)

1. Voronezhskiy tekhnologicheskiy institut.

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FEDOROV, A.F.; TARARYKOV, G.M.; FARADZHEVA, Ye.D.; CHUVASHEVA, K.K.

Preparation of a submerged culture of Aspergillus oryzae for brewing. Ferm. i spirt. prom. 31 no.7:15-17 '65.
(MIRA 18:11)

1. Voronezhskiy tekhnologicheskiy institut.

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FEDOROV, A. G.

"On the Localized Resistance of the Wall of a Double T Beam with Residual Stresser." Cand Tech Sci, Leningrad Inst of Railroad Transport Engineers, Leningrad, 1954. (RZhMekh, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertation Defended at USSR Higher Educational Institutions (14)

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SILIN, G.N.; FEDOROV, A.G.; KRUGLOVA, G.I., red.; SOKOLOVA, I.A., tekhn.red.

[Producing rye malt for making kvass] Proizvodstvo rzhanogo soloda dlia kvasovareniia. Moskva, Pishchepromizdat, 1958. 56 p. (MIRA 12:6)

(Kvass) (Malt)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

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TEL'PUKHOVSKIY, V.B.; DMITRENKO, T.A.; ZELENIN, I.Ye.; KOSTYAKOVA, G.K.; RAKHNAMIN, B.P.; BORISOV, Yu.S., otv. red.; KRUCHINA, N.Ye., red.; FEDOROV, A.G., red.; LYUBUSHKINA, Ye., red.; YEGOROVA, I., tekhn. red.

[In the land of wide-open spaces and heroic deeds; youth in the virgin lands] V kraiu prostorov i podvigov; molodezh na tseline. Sbornik dokumentov. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1962. 278 p. (MIRA 15:5)

(Agricultural laborers)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

AMINOVA, R.Kh., kand. ist. nauk; TETENEVA, L.G., kand. ist. nauk; ALIMOV, I.A.; DMITRIYEV, G.L.; DZHAMALOV, O.B., doktor ekon. nauk, redaktor; DZHURAYEVA, T., kand. ist. nauk, red.; ATFENYUK, S.Ya., red.; DANILOV, V.P., glav. red.; BELOV, G.A., red.; GRIGOR'YAN, L.L., red.; IBRAGIMOV, Z.I., red.; IVNITSKIY, N.A., red.; IL'YASOV, S.I., red.; KAKABAYEV, S.D., red.; KAMENSKAYA, N.V., red.; KRAYEV, M.A., red.; KULIYEV, O.K., red.; MAKHARADZE, N.B., red.; OBICHKIN, G.D., red.; PLESHAKOV, S.T., red.; RADZHABOV, Z.I., red.; SELEZNEV, M.S., red.; TURSUNBAYEV, A.B., red.; FEDOROV, A.G., red.; SHEPELEVA, T.V., red.; PATLAKH, B., red.; MASHARIPOVA, D., red.; BULATOVA, R., red.; GOR'KOVAYA, Z.P., tekhn. red.; KARABAYEVA, Kh.U., tekhn. red.

[Socialist reorganization of agriculture in Uzbekistan] Sotsialisticheskoe pereustroistvo sel'skogo khoziaistva v Uzbekistane, 1917-1926 gg. Pod red. O.B.Dzhamalova. Tashkent, Izd-vo Akad. nauk UzSSR. Vol.1. 1962. 792 p. (MIRA 16:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut istorii i arkheologii.

(Uzbekistan--Agriculture)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

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YEGOROV, K.D., kand. ekon. nauk; ALEKSANDROVA-ZAORSKAYA, V.V., doktor ekon. nauk, prof.; STEPANOV, P.N., doktor geogr. nauk, prof.; KULEBAKIN, V.S., akademik, red.; KRUZHILIN, G.N., red.; FEDOROV, A.G., red.; RYBINSKIY, M.P., red.; CHASHNIKOVA, M.V., red.

[Materials on the electrification of individual districts] Materialy po elektrifikatsii otdel'nykh raionov; trudy. Moskva, Izd-vo "Nauka," 1964. 299 p. (MIRA 17:4)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennaya komissiya po elektrifikatsii Rossii. 2. Chlen-korrespondent AN SSSR (for Kruzhilin).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.G.

Production of fermented dark brewing barley malt. Trudy TSentr. nauch.-issl. inst. piv., bezalk. i vin. prom. no.10:90-97 '63. (MIRA 17:8).

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21(0); 1(0); 2(10) PHASE I BOOK EXPLOITATION SOV/2210

Atomnaya energiya v aviatsii i raketnoy tekhnike; sbornik statey (Atomic Energy in Aviation and Rocket Engineering) Collection of Articles) Moscow, Voyen. Izd-vo M-va obor. SSSR, 1959. 500 p. (Series: Nauchno-popularnaya biblioteka) No. of copies printed not given.

Ed. - Compiler: P.T. Astashenkov, Engineer, Lt.-Col; Ed.: Ya.M. Zaderj Tech. Ed.: A.M. Gavrilova.

PURPOSE: This book is intended for officers of the Soviet Armed Forces, members of DOSAAF, and the general reader interested in the uses of atomic energy and in the development of aviation and rocket engineering.

COVERAGE: This collection of 16 articles, compiled by 28 Soviet scientists and based chiefly on non-Soviet materials, discusses various aspects of the use of atomic energy in rocketry and aviation. The book surveys the development of atomic and thermonuclear weapons and weapon carriers, lays down the principles of anti-atomic defense, and evaluates the application of nuclear energy in aviation and rocketry. Fuel and construction materials, as well as actual physical and technological processes involved, are treated briefly. Fundamentals of atomic warfare and combat tactics are discussed at some length. The book is divided into four parts, of which the last consists chiefly of anti-Western propaganda. Section I is devoted to nuclear weapons and their use in aviation. Section II is on anti-atomic defense, especially the defense and decontamination of airfields and aircraft, and defense against radiation. Section III is on the use of nuclear energy in modern aircraft and rocket technology and flight techniques, including some speculations on space travel and on the energy of the future. There are 126 figures and 35 non-Soviet references (some in Russian translation).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.I., red.; GORODNITSKAYA, R.M., tekhn.red.

[Heights and asimuths of the heavenly bodies. (VAS-58)] Vysoty i asimuty svetil (VAS-58). 2. izd. Leningrad. Vol.3. [For latitudes 40° -- 59°] Dlia shirot 40°- 59°, 1962. 294 p. (MIRA 16:6)

1. Russia (1923- U.S.S.R.) Gidrograficheskoye upravleniye. (Astronomy--Charts, diagrams, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

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SOBOLEV, N.N.; KITAYEVA, V.F.; RODIN, G.M.; FAYZULLOV, F.S.; FEDOROV, A.I.;

Temperature of the flame of a liquid-propellant rocket engine. Part 2. Zhur.tekh.fiz. 29 no.1:37-44 Ja '59. (MIRA 12:4)

1. Fizicheskiy institut im. P.N. Lebedeva AN SSSR, Moskva.
(Rockets (Aeronautics)) (Flame) (Temperature--Measurement)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

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ZALESSKIY, G.D., prof., VOROB'YEVA, N.N., prof., PIROGOVA, O.I., SHURIN, S.P.
KAZHACHEYEV, V.P., YAVOROVSKAYA, B.Ye., FEDOROV, A.I., MOSOLOV, A.N.

Specific agent inducing rheumatic fever. Report No.1: Some data on a filtrable virus isolated in rheumatic fever. Terap. arkh. 30 no.5:3-15 My '58 (MIRA 11:6)

1. Iz Novosibirskogo meditsinskogo instituta.
(RHEUMATIC FEVER, microbiology,
isolation & infect. of animals with specific virus (Rus))
(VIRUSES,
isolation & infect. of animals with specific rheum. virus (Rus))

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FEDOROV, A. I.

USSR / Forestry. Forest Economy. K

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100170

Author : Fedorov, A. I.
Inst : Kazakhstan Agricultural Institute
Title : The Forest Economy of Kazakhstan and Prospects for Its Development

Orig Pub : Tr. Kazakhsk. s.-kh. in-ta, 1957, 7, 110-117

Abstract : No abstract given

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MATVEYEV, G.A.; YEVGRAFOVA, L.N., otv.za vypusk; KURSHEV, N.V., prof.otv.red.; VAKHITOV, M.B., kand.tekhn.nauk, dotsent, red.; GALIULLIN, A.S., doktor, tekhn.nauk, red.; MITRYAYEV, M.I., kand.tekhn.nauk, dotsent, red.; RADTSIG, Yu.A., doktor tekhn.nauk, prof., red.; FEDOROV, A.K., kand.tekhn.nauk, dotsent, red.

[A method for generating tooth surfaces of hyperbolical gears] Odin iz sposobov obrazovaniia poverkhnostei zub'ev giperboloidnykh koles. Kazan' 1960. 23 p. (Kazan. Aviatsionnyi institut. Trudy, no.60). (MIRA 15:3)

(Gearing, Bevel)

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FEDOROV, A.I.

ALABIN, Sergey Mikhaylovich; BOGDANOV, Fedor Vasil'yevich; FEDOROV, A.I., redaktor; SUKHODOLOV, S.T., tekhnicheskiy redaktor.

[Production of construction felt in industrial cooperatives] Proizvodstvo stroitel'nogo voiloka v arteliakh promyslovoi kooperatsii. Moskva, Vses.koop.izd-vo, 1957. 36 p. (MLRA 10:4)
(Felt)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.I., master po telemekhanike

Remote control in a section of a field. Neftianik 5 no.2:15-17 F '60. (MIRA 14:10)

1. Promysl No.3 neftepromyslovogo upravleniya Khadyzhenneft'.
(Oil fields--Production methods) (Remote control)

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FEDOROV, Aleksandr Iosifovich, prof. doktor sel'khoz. nauk;
SHEVEYKO, A., red.

[Conservation and use of natural resources] Okhrana i ispol'zovanie prirodnykh resursov. Alma-Ata, Kazsel'-khozgiz, 1964. 135 p. (MIRA 18:5)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.I.

Immunological reactivity of chickens during the growth of Rous sarcoma. Vop. onk. 11 no.7:67-70 '65. (MIRA 18:9)

1. Odesskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii imeni Mechnikova (dir.- doktor med. nauk prof. N.D. Anina-Radchenko).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. I.

20876. Fedêrov, A. I. Sorta sakharnoy svekly otechestvennoy selektsii. Sbornik nauk. rabot (Vsesoyuz. nauk. -issled. in*t sakhar. svekly) kiyev-khar'kov, 1948, s. 44-52.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. I.

Mulberry culture 2., perer. izd. Moskva, Gos. izd-vo sel'khoz. litʹry, 1954. 407 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, Aleksandr Iwanovich

(All-Union Inst of Sugar Beets) Academic degree of Doctor of Agricultural Sciences, based on his defense, 25 February 1955, in the Council of the Khar'kov Order of Labor Red Banner Agricultural Inst imeni Dokuchayev, of his dissertation entitled: "Contemporary varieties of sugar beet, methods of their development and forming and principles of distribution by regionalization."

Academic degree and/or title: Doctor of agric. Sciences

SO: Decisions of VAK, List no. 21, 22 Oct 55, Byulleten' MVO SSSR, No. 19, Oct 56, Moscow, pp. 13-24, Uncl. JPRS/NY-536

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.I.; SNEGUROV, G.P.; MUSIYENKO, A.A.

Effect of hybridization on the germinatine capacity of sugar-beet seeds. Sakh. prom. 33 no.5:63-65 My '59. (MIRA 12:7)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly.
(Sugar beets)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

BUZANOV, I.F., akademik, otv.red.; MEL'NIK, M.K., agronom, red.; OKLOV, I.P., agronom, red.; FEDOROV, A.I., doktor sel'skokhoz.nauk, red.; TSYGURA, K.D., agronom, red.; SKRIDYUK, B.M., red.; MANOYLO, Z.T., khud.-tekhn.red.

[Production of sugar beet seeds] Semenovodstvo sakharnoi svekly. Kiev, Izd-vo Ukrainskoi akad.sel'khoz.nauk, 1960. 271 p. (MIRA 14:1)

1. Kiyev. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly.

(Sugar beets)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, Aleksandr Ivanovich [Fedorov, O.I.]; SNEGUR, Grigoriy Prokof'yevich [Snihur, H.P.]; KULYK, Georgiy Kuz'mich [Kulyk, H.K.]; CHERNOV, M.P., red.; NEMCHENKO, I.Yu., tekhn. red

[Cultivation and use of hybrid sugar beet seeds] Vyroshchuvannia ta vykorystannia hibrydnoho nasinnia tsukrovykh buriakiv. Kyiv, Derzhsil'hospvydav URSR, 1961. 98 p. (MIRA 15:7)

(Ukraine--Sugar beets)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

BUZANOV, I.F.; SAMBUROV, V.I.; YEMETS, G.M.; ORLOVSKIY, N.I.; NEGOVSKIY, N.A.; FEDOROV, A.I.; GREKOV, M.A.; KURBATOV, S.T.; MEL'NICHUK, A.N.; TONKAL', Ye.A.; GORNAYA, V.Ya.; ROZHDESTVENSKIY, I.G.; SIDOROV, A.A.; KUDARENKO, F.F.; BROVKINA, Ye.A.; GELLER, I.A.; DOBROTVORTSEVA, A.V.; VARSHAVSKIY, B.Ya.; KUTSURUBA, N.V.; KUZ'MICH, S.I.; PRESNYAKOV, P.V.; USHAKOV, A.F.; SHEVCHENKO, V.N.; KHUCHUA, K.N.; PETRUKHA, Ye.I.; POZHAR, Z.A.; SHAPOVALOV, P.T.; AREF'YEV, T.I.; GRIGOR'YEVA, A.I., red.; BALLOD, A.I., tekhn. red.

[Sugar beets] Sakharnaia svekla. Moskva, Sel'khozizdat, 1963. 487 p. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. 2. Nauchnyye sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for all except Grigor'yeva, Ballod).
(Sugar beets)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.I., prof., doktor sel'skokhoz. nauk

Organization of sugar beet seed production in the U.S.S.R.
Agrobiologiia no.6:824-834 N-D '65.
(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly, Kiyev.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOTOV A. I.

USSR/Medicine - Anemia, Infectious Jun 1947
Medicine - Veterinary Medicine

"Significance of Histological Research in Differential Diagnosis of Infectious Anemia in Horses," A. I. Fedorov, 3 pp

"Veterinariya" No 6, p.8.

A medical bibliography with short description of haemosporidia, infectious encephalomalacia, helminthiasis, homoglobinemia, colic and many others. Lists some of the scientists who carried out histological research, with their results.

17T12

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. I.

"A Cisternal Introductioin of the Antitetanus Serum for Treatment of Tetanus in Horses," Veterinariya, No.6, 1948.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDEROV, Aleksandr Ivanovich

(Ivanovskiy Agricultural Inst) - Academic degree of Doctor of Veterinary Sciences, based on his defense, 14 October 1955, in the Council of the Moscow Veterinary Academy of his dissertation entitled: "Pathological Anatomy and Some Questions of the Pathogenesis of Teyleriosis in Cattle."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 25, 10 Dec 55, Byulleten' MVO SSSR, Uncl. JPRS/NY 548

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

R

USSR / Diseases in Animals. Diseases Caused by Protozoa

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74221

Author : Fedorov, A. I.

Inst : Ivanovskiy Agricultural Institute

Title : Pathological-Anatomic Changes of the Nervous System During Theileriasis in Cattle and Their Significance in the Pathogenesis of the Disease

Orig Pub: Sb. nauchn. tr. Ivanovsk. s.-kh. in-ta, 1956, vyp. 13, 42-54

Abstract: A clinical and histological study was made of 52 animals naturally diseased and artificially infected with theileriasis. In typical cases of theileriasis, three stages appeared in the development of

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

USSR / Diseases in Animals. Diseases Caused by Protozoa R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74221

the pathological process: the stage of primary reaction of the organism, the stage of an expressed general reaction with phenomena of a septic character, and a stage of extinction of acute clinical signs and development of anemia and cachexia. Data are cited of the histological investigation of different sections of the brain and spine in various stages of the disease.

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

USSR / Diseases in Animals. Diseases Caused by Protozoa R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958 74220

Author : Fedorov, A. I.

Inst : Ivanovskiy Agricultural Institute

Title : Pathological-Anatomical Changes During Theileriasis in Cattle

Orig Pub: Sb. nauchno. tr. Ivanovsk. s.kh. in-ta, 1956, vyp. 15, 37-64

Abstract: It is shown that the most specific changes during theileriasis are granuloma-like changes in the liver, kidneys, adrenals, heart, skeletal muscles, which in the beginning have a form of red, then grey-yellow or grey-whitish nodules. In the skin,

Card 1/2

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

USSR / Diseases in Animals. Diseases Caused by Protozoa R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74220

conjunctiva; in the mucosa of the larynx, trachea, bronchi, intestines, gall bladder, urinary bladder, changes were detected in the form of red, then pale nodules and flat patches, and on the mucosa of the abomasum, disintegrating red nodules with formation of erosions and ulcerations. Serous-hemorrhagic lymphadenitis is characteristic for theileriasis. -- A. D. Musin

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

R

USSR/Diseases of Farm Animals. Arachno-Entonoses.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69502.

Author : Fedorov, A. I.
Inst : Ivanovo Agricultural Institute.
Title : Pathologico-Anatomical Changes in Toxicosis of Farm Animals Due to Simuliidae.

Orig Pub: Sb. nauchn. tr. Ivanovsk. s.-kh. in-ta, 1956, vyp. 15, 171-183.

Abstract: The infection was observed in cattle, sheep, goats, and swine. The clinical characteristics of disease were as follows: hemorrhages at the sites of the bites, edematization of submaxillary space, neck, abdomen, ad perineum, labored breathing, and foamy discharge from the nostrils. In severe cases, death occurred 6-10 hours following mass biting by

Card : 1/2

30

USSR/Diseases of Farm Animals. Arachno-Entonoses. R

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

Ref Zhur-Biol., No 15, 1958, 69502.

flies. The pathologico-anatomical changes were as follows: hemorrhages within the skin, reddening of the mucosa, edematization of the subcutaneous cellular tissue, accumulation of transudate in the thoracic and abdominal cavities, hemorrhages within the mucous membranes, swelling of the lymphatic nodes, hyperemia and edema of the lungs, often gastroenteritis, stagnant hyperemia of the liver and kidneys, edematization and hyperemia of the cerebrum and cerebral membranes, Histological analysis revealed marked circulatory disorders in several organs and tissues and dystrophic changes in the cerebrum, liver, kidneys, heart, skeletal musculature, etc. -- A. D. Musin.

Card : 2/2

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

BOL', K.G., prof. (1871-1959); BOL, B.K., prof. (1897-1958). Prinimali uchastiye: AKULOV, A.V., dots.; FEDOROV, A.I., prof.; NALETOV, N.A., doktor veter. nauk, prof., red.; YEMEL'YANOVA, N.I., red.; PEVZNER, V.I., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[Fundamentals of the pathological anatomy of farm animals] Osnovy patologicheskoi anatomii sel'skokhoziaistvennykh zhivotnykh. Izd.3. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 571 p. (MIRA 15:3)
(Veterinary anatomy) (Veterinary pathology)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

LAZAREV, P. S., FEDOROV, A. I. (Professors), BUKHTILOV, F.N., PAVLOV, P. I. (Docents, Troitsk Veterinary Institute), Zaslonov, M. S. (Director of the Troitsk Intersovkhoz Veterinary Bacteriological Laboratory) and PLEKHANOV, B. P. (Head Veterinary Doctor of the Bredinsk District, Chelyabinsk, Oblast')

"Certain characteristics of the course taken by rabies in cattle"

Veterinariya, vol. 39, no. 9, September 62, p. 20

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

LAZAREV, P.S., FEDOROV, A.I., prof.; BUKHTILOV, F.N., dotsent; PAVLOV, P.I., dotsent; ZASLONOV, M.S.; PLEKHANOV, B.P.; Prinimali uchastiye: GRIBOVSKIY, G.P., veterinarnyy vrach; RYBAKOVA, A.V., veterinarnyy vrach

Some characteristics of the course of rabies in cattle. Veterinariia 39 no.9:20-22 S '62. (MIRA 16:10)

1. Troitskiy veterinarnyy institut (for Lazarev, Fedorov, Bukhtilov, Pavlov). 2. Direktor Troitskoy mezhsovkhoznoy veterinarno-bakteriologicheskoy laboratorii (for Zaslonov). 3. Glavnyy veterinarnyy vrach Bredinskogo rayona, Chelyabinskoy oblasti (for Plekhanov).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

LAZAREV, P.S., prof.; FEDOROV, A.I., prof.; BUKHTILOV, F.N., prepodavatel'; KAMYNIN, I.N., prepodavatel'; KONDAKOV, M.P., aspirant; AMELIN, I.P.; ZAYNIKAYEV, M.Sh., veterinarnyy vrach

Malignant course of foot-and-mouth disease. Veterinariia 41 no.5: 39-42 My '64. (MIRA 18:3)

1. Troitskiy veterinarnyy institut (for Lazarev, Fedorov, Bukhtilov, Kamynin, Kondakov). 2. Nachal'nik Chelyabinskogo oblastnogo veterinarnogo otdela (for Amelin).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K., inzhener.

Causes of the rapid wear of worm shaft links in screw presses. (MLRA 8:3)
Masl.-zhir.prom. 20 no.1:26-27 '55.
(Power presses)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Selecting types of pull chain drives. Trudy KAI 28:185-192 '54. (MLRA 10:6)
(Link-belting)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

S/137/62/000/003/170/191
A160/A101

AUTHOR: Fedorov, A. K.

TITLE: The butt-welding of tubes of elements of boiler units with induction heating by high-frequency currents

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 63, abstract 3E383. (V sb. "Prom. primeneniye tokov vysokoy chastoty v elektrotermii", Moscow-Leningrad, Mashgiz, 1961, 78 - 84)

TEXT: The NIITVCh carried out work on the butt-welding of tubes of elements of boiler units with induction heating. The welding operation was performed on a specially-designed and specially-made installation. Low-carbon steel tubes with a diameter of 38 and 32 mm and a wall thickness of 3.5 and 3 mm respectively were used as material. The welding was conducted at a frequency of 8 kilohertz with one inductor having a width of 6 mm and a clearance of 4 mm between the inductor and the tube. The temperature at the point of welding was 1250 - 1300°C, the welding time - 4.5 sec. the power - 40 - 42 kw, the specific welding pressure - 2.5 - 3 kg/mm^2. The welded tubes were subjected to hammering, bending, mechanical

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

S/137/62/000/003/170/191
A160/A101

The butt-welding of tubes of .....

and hydraulic tests. In the latter case, a rupture occurred far-off the seam along the base metal. As a rule, the seam has a Widmanstätten pattern. Normalizing with induction heating was applied to improve the plasticity properties and the structure.

Ye. Terpugov

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

TIKHOMIROV, V.I., doktor khim. nauk; GORBUNOV, S.A., inzh.; FEDOROV, A.K., inzh.; BOGDANOV, V.N., inzh.

Character of nonmetallic inclusions during the butt welding of pipe heated by high-frequency currents. Svar. proizv. no.11:10-12 N'63. (MIRA 17:5)

1. Leningradskiy ordena Lenina gosudarstvennyy universitet imeni A.A. Zhdanova (for Tikhomirov, Gorbunov). 2. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty im. V.P. Vologdina (for Fedorov, Bogdanov).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.; CHEL'TSOVA, L.P.

Prolification of inflorescenses in common timothy(Phleum pratense L.)
Bot. zhur. 48 no.7:1005-1011 Jl '63. (MIRA 16:9)

1. Institut genetiki AN SSSR, Moskva.
(Timothy grass) (Prolification)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

ACCESSION NR: AP4029388 S/0135/64/000/004/0030/0031

AUTHOR: D'yachkov, V. I. (Engineer); Fedorov, A. K. (Engineer); Bogdanov, V. N. (Engineer); Tikhomirov, V. I. (Doctor of Chemical Sciences)

TITLE: A method of protecting seams from oxidation in welding pipes by high frequency currents

SOURCE: Svarochnoye proizvodstvo, no. 4, 1964, 30-31

TOPIC TAGS: oxidation, welding, high frequency current, cellulose, nitrocellulose, cellophane

ABSTRACT: The authors included a means of supplying a heated surface with organic substances, with which the products of thermal dissociation combine oxygen in stable chemical compounds, thereby avoiding metal oxides in the weld seams which lower the mechanical strength. This may be accomplished by a gas medium formed by the dissociation products of cellophane and nitrocellulose. This medium has good protective properties and does not cause carbonization of the metal in the heating zone. The authors conclude that the best regime for welding No. 10 and No. 20 pipes with high-frequency currents (induction heating) with the above-mentioned protective media is by heating to 1280-1300°C after first dressing the surfaces to be welded. The

Card 1/2

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

ACCESSION NR: AP4029388

amount of the protective material must not be too great. Orig. art. has: 2 figures

ASSOCIATION: NIITVCh im. V. P. Vologdina

SUBMITTED: 00 DATE ACQ: 28Apr64 ENCL: 00

SUB CODE: ML NO REF SOV: 002 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, B.V.; TISHENKO, G.A.

Movement of water and salts toward drains in case of upward motion of ground water under pressure. Mat. po proizv. sil. Uzb. no.15:113-116 '60. (MIRA 14:8)

1. Institut pochvovedeniya AN UzSSR.
(Golodnaya Steppe—Drainage research)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Obtaining serum against swine erysipelas. Trudy Gos.nauch.-kont. inst.vet.prep. 4:427-430 '53. (MLRA 7:10)

1. Omskaya biofabrika.
(Erysipelas--Preventive inoculation) (Serum)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

1. FEDOROV, A. K.

2. USSR (600)

4. Growth (Plants)

7. Differentiation of the growing point in relation to the phase of development of plants, Agrobiologiia No. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. K.

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Biological Chemistry

Role of autumn light in development of winter plants. A. K. Fedorov. *Doklady Akad. Nauk S.S.S.R.* 93, 361–4 (1953).—Expts. with winter wheat and rye indicate that light received by winter plants until the completion of vernalization affects not only the beginning of differentiation of the site of growth but also the entire further development of the plants. Continuously illuminated plants began their flowering and ripening earlier than those subjected to periodic illumination. G. M. Kosolapoff

Inst. Genetics, AS USSR

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDORAV, A. K.
USSR/Agriculture

FD -1570

Card 1/1 : Pub. 42-2/11

Author : Fedorov, A. K.

Title : On the question of the role of light in the adaptibility of plants to adverse winter conditions

Periodical : Izv. AN SSSR. Ser. biol. 5, 25-45, Sep-Oct 1954

Abstract : Investigated role of light in adaptibility of both spring and winter plants to winter conditions, including effect on characteristics of plant growth and development under changing conditions of light and temperature in the autumn which promote adaptation of plants to low temperatures. Various types of wheat, rye, barley, and perennial grass were used in the experiments. Photographs; tables. Nineteen references: 18 USSR (11 since 1940).

Institution : Institute of Genetics, Academy of Sciences USSR

Submitted : March 5, 1954

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. K.

USSR/Physiology of Plants

Card 1/1

Author : Fedorov, A. K.

Title : Certain data on the adaptability of plants to cold unfavorable conditions.

Periodical : Dokl. AN SSSR, 96, Ed. 2, 399 - 402, May 1954

Abstract : The resistance of perennial grain plants to cold and unfavorable conditions is generally known. Experiments with such plants as well as with winter wheat plants showed that they have accumulated sufficient food to last over the light period and for the beginning of differentiation of the vegetation point. The temperature is the only limiting factor for the differentiation of the vegetation point. Perennial grain plants require a longer effect of increased temperature. These characteristics of grain plants are a valuable indication about their adaptability to cold and unfavorable conditions. Three USSR references; Tables.

Institution : Academy of Sciences, USSR, Genetics Institute

Presented by : Academician A. L. Kursanov, March 16, 1954

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

USSR/ Biology - Phenology

Card 1/1 : Pub. 22 - 44/49

Authors : Fedorov, A. K.

Title : Certain data on the development of perennial cereal grass ~~plants~~

Periodical : Dok. AN SSSR 98/4, 673-675, Oct. 1, 1954

Abstract : Certain phenological data on the growth of perennial grass plants, are presented. Five USSR references (1935-1952). Table; illustration.

Institution : Academy of Sciences, USSR, Institute of Genetics

Presented by : Academician T. D. Lysenko, July 1, 1954

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

USSR/ Biology - Plant physiology

Card 1/1 Pub. 22 - 42/47

Authors : Fedorov, A. K.

Title : Biological development of Pallidum-17 barley

Periodical : Dok. AN SSSR 98/5, 857-860, Oct 11, 1954

Abstract : Biological data on the germination and growth of Pallidum-17 type barley, are presented. Three USSR references (1929-1952). Tables.

Institution : ...

Presented by : Academician T. D. Lysenko, July 1, 1954

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. K.

FEDOROV, A. K. - "The biology of development of certain winter plants and their experimental production from spring varieties". Moscow, 1955. Acad Sci USSR, Inst of Genetics. (Dissertation for the Degree of Candidate of Biological Sciences).

SO: Knizhnaya Letopis' No. 46, 12 November 1955. Moscow

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FD-2390

USSR/Biology - Botany
FEDOROV, A. K.
Card 1/1 Pub. 42-3/9

Author : Fedorov, A. K.

Title : The biological development of some perennial grasses

Periodical : Izv. AN SSSR. Ser. Biol. 2, 19-40, March-April 1955

Abstract : The investigation deals with the biological development of five perennial grasses; Medicago sativa, Trifolium pratense praecox, Trifolium pratense serotinum, Festuca protensis and the Phleum pratense L. Tables; photographs. Fourteen references, thirteen of these from the USSR (thirteen after 1940).

Institution: Institute of Genetics, Acad Sci USSR

Submitted : November 20, 1954

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Termination of the vernalization stage in winter plants under natural conditions. Trudy Inst.gen. no.22:104-115 '55. (MLRA 9:4)
(Vernalization)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Significance of light during the fall with respect to ramosity and productivity of the spike. Trudy Inst.gen. no.22:116-120 '55. (MLRA 9:4)

(Wheat) (Plants, Effect of light on)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A. K.

USSR/Biology - Genetics

Card 1/1 Pub. 22 - 46/54

Authors : Fedorov, A. K.

Title : The importance of light for the change of summer plants during primary autumn sowing

Periodical : Dok. AN SSSR 102/5, 1023-1026, Jun 11, 1955

Abstract : Scientific data are presented regarding the importance of light for the change of summer plants during primary autumn sowing. Four USSR references (1952-1954). Tables.

Institution : Acad. of Sc., USSR, Inst. of Genetics

Presented by: Academician T. D. Lysenko, January 20, 1955

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Analysis of modifications in the progeny of plants occuring during the conversion of spring wheat into winter wheat following second autumnal seedling. Dokl.AN SSSR 104 no.4:646-649 O '55.(MLRA 9:2)

1.Institut genetiki Akademii nauk SSSR. Predstavleno akademikom T.D.Lysenko. (Wheat)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Some peculiarities of the development of timothy grass. Izv.AN SSR.Ser.biol. no.3:65-76 My-Je '56. (MLRA 9:8)

1. Institut genetiki Akademii nauk SSSR.
(TIMOTHY GRASS) (VERNALIZATION)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Biology of the development of dual purpose plants and experimental method for producing them [with English summary in insert]. Zhur. ob.biol. 17 no.6:462-472 N-D '56. (MLRA 10:9)

1. Institut genetiki Akademii nauk SSSR
(GRAIN) (BOTANY--VARIATION)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

Fedorov, A.K.

USSR/Cultivable Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 3, 1956, 10870

Author : Fedorov, A.K.

Inst : Institute of Genetics, AN USSR

Title : The Light Stage of Hibernating Bre d Grasse..

Orig Pub : Tr. In-ta genet. AN SSSR, 1956, No 23, 151-167.

Abstract : In the TSKhA and the Institute of Genetics, AN U...R, a study was made of the light stage of winter wheats, [illegible] handled wheats /pshenitsy-dvuruchki/, spring barleys, and spring wheats. Vernalized and unvernalized seeds were sown at different temperatures and under differing conditions of illumination. The dates of differentiation of the growth point and ear formation were taken into account, as well as the length of the period between full emergence of shoots and differentiation of the growth point.

Card 1/2

...uce ...that ...ired in ...of the growth ...eets than in ...ly accelerated ...inuous illumination, ...ly to reduction of the ...ected even more sharply to the day lowering of the

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

USSR/Cultivable Plants - Grains. M-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10674

When sown in spring or summer, spring barley and two-handled barley /?/ develop evenly, but when sown in autumn the formation of ears is retarded by 36-38 days, and the period between full emergence of shoots differentiation of the growth point is lengthened markedly. No difference was noted between the development of vernalized and that of unvernalized seeds. Analogical data were acquired in experiments with wheats, but differentiation of the growth point started much later in two-handled sheets than in spring wheats. Development was noticeably accelerated when the plants were exposed to continuous illumination; the two-handled /?/ reacted sharply to reduction of the temperature; winter wheats reacted even more sharply to reduction in the length of the day and lowering of the temperature.

Card 2/2

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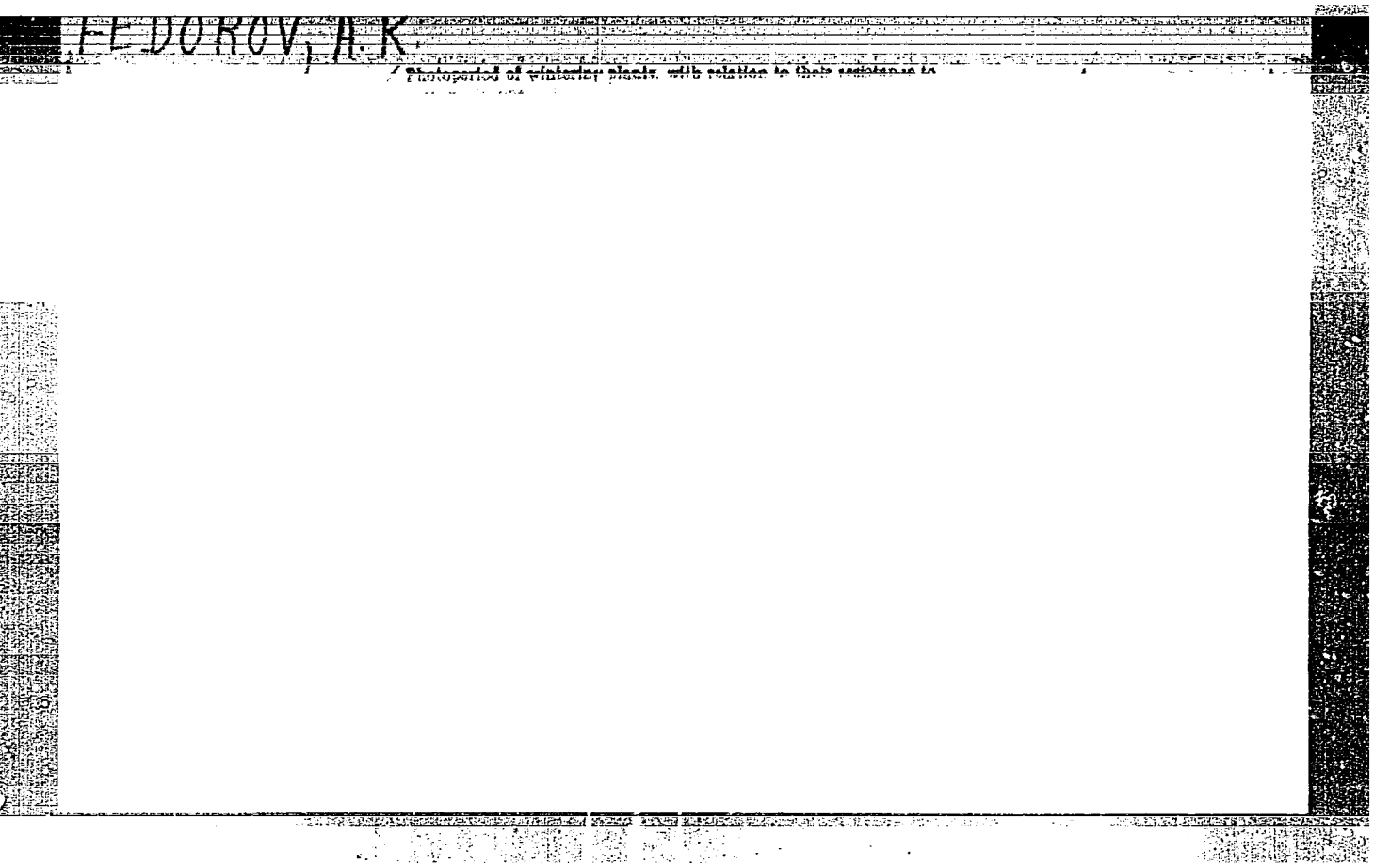

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K., kand.biol.nauk

Stage development in perennial grasses. Agrobiologiia no.5:57-59 S-O '58. (MIRA 11:11)

1. Institut genetiki AN SSSR.
(Grasses)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

FEDOROV, A.K.

Yarovization stage in winter grain crops under field conditions [with summary in English]. Fiziol. rast. 5 no.1:62-69 Ja-F '58.
(MIRA 11:1)

1. Institut genetiki AN SSSR, Moskva.
(Vernalization) (Wheat) (Rye)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A., kand.biol.nauk

Dual-purpose plants. Nauka i pered. op. v sel'khoz. 8 no.9: 42-43 S '58. (MIRA 11:10)

1. Institut genetiki AN SSSR.
(Grain)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5

FEDOROV, A.K.

Some data on the biology of development in late (single-cut) varieties of red clover. Trudy Inst. gen. no.24:205-212 '58. (MIRA 11:9)
(Clover)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610020-5"