ZUBEK, K.

Area computation by comparing weights of cut-out plans drawn to scale. p. 56.
(Geodeticky A Kartograficky Obzor, Vol. 3, No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol 6, No. 8, Aug 1957, Uncl

ZUBEK, Laszlo, dr.

The role of public health - epidemiological centers in health education. Nepegeszsegugy 37 no.4:95-96 Apr 56.

(PUBLIC HEALTH
in Hungary, sanitary-epidemiol. centers, role in health educ. (Hun))
(HEALTH, educ.
in Hungary, role of sanitary-epidemiol. centers (Hun))

USSR/Cultivated Plants - Fodders.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39359

Author : Trizno, S.I., Zubok, P.A.

Inst : AS BSSR

Title : The Effectiveness of Vernalizing and Bacterizing Corn Seeds with Azobacter to Increase Their Yield and Accelerate Ripening.

Orig Pub : V sb.: Kukuruza v BSSR. Minsk, AN BSSR, 1957, 226-237

Abstract : Vernalization and bacterization of seeds of corn with azobacter, conducted either separately or jointly, increased the yield of the green mass and of the seeds. It also accelerated the ripening of the grain. The experiment was conducted at the Kamorovskaya experimental station on peat-bog soils in 1956. The yield of corn, when dry seeds were sowed, was 385 cwt/ha of green mass,

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including 53 cwt/ha grain in cobs; by sowing with vernalized seeds, the yield was 445 cwt/ha and 66 cwt/ha of grain in cobs; by using seeds bacterized with azobacter - the yield was 425 cwt/ha and 65 cwt/ha of grain. When the seeds were vernalized and bacterized, the yield was 469 cwt/ha and 69 cwt/ha - grain in cobs. The positive action of vernalization and bacterization is also highly noticeable on turf-podzolic soils. -- N.A. Novoderezhkin

Card 2/2

ZUBEK, V. (Chekhoslovakiya)

Basic characteristics of the geologic development of the central Carpathians in the Pre-Mesozoic. Mat.Karp.-Balk.assots. no.1: 31-39 '60. (MIRA 14:12)

(Carpathian Mountains--Geology)

GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the increased additions of gypsum on the strength of white portland cement. Izv. vyss. uchen. zav.; khim. i khim. tekh. 7 no.4:633-638 '64. (MIRA 17:12)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novocherkasskogo politekhnicheskogo instituta im. S. Ordzhonikidze.

GRACH'YAN, A.N.; ZUBEKHIN, A.P.; KONONENKO, N.V.

Intensifying the grinding of raw materials in the production of white Portland cement. Izv. vys. ucheb. zav., khim. i khim. tekh. 7 no.5:816-820 '64 (MIRA 18:1)

1. Kafedra tekhnologii vyazhushchikh veshchestv Novocherkasskogo politekhnicheskogo instituta imeni S. Ordzhonikidze.

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBEKHAN, E.N.

Head of the communications administrations (1951)

Current Digest of the Soviet Press, Vol. 3, No. 16, 1951, page 6. (In CIA Library)

PONOMAREV, I.F., doktor khim. nauk; GRAN'YAN, A.N., kand. tekhn. nauk; ZUBEKHIN, A.P., inzh.

Effect of mineralizers on the process of clinker formation. TSement 30 no.4:3-5 Jl-Ag '64. (MIRA 17:11)

1. Novocherkasskiy politekhnicheskiy institut.

GRACH'YAN, A.N.; ZARUTSKIY, S.A.; STEPANOVA, A.I.; ZUBEKHIN, A.P.; DYADISHCHEV, N.I.

Increasing the whiteness of cement clinker. TSement 28 no.1:11 Ja-F '62. (MIRA 16:5)

(Cement clinkers)

AKHLIBINSKIY, Boris Vladimirovich; KHRALENKO, Nikolay Ivanovich; ZUBEKHIN, P.T., red.; TIKHONOVA, I.M., tekhn. red.

[A marvel of our times] Chudo nashego vremeni; kibernetika i problemy razvitiia. Leningrad, Lenizdat, 1963. 137 p. (MIRA 16:10)

(Cybernetics) (Philosophy)

YELISEYEV, Nikolay Grigor'yevich; ZUBEKHIN, P.T., red.; TIKHONOVA, I.M., tekhn. red.

[In the service of agriculture] Na sluzhbe sel'skogo khoziaistva. Leningrad, Lenizdat, 1964. 70 p. (MIRA 17:1)

ZARUBAYEV, Nikolay Vladimirovich, kand. tekhn. nauk; ZUBEKHIN, P.T., red.; ONOSHKO, N.G., tekhn. red.

[Transforming the face of the earth; outline of the development of irrigation] Preobrazhaia oblik zemli; ocherk ob irrigatsionnom stroitel'stve. Leningrad, Lenizdat, 1961. 107 p. (MIRA 15:2)

(Irrigation)

GLADNEV, Ivan Fomich; ZIMIN, Grigoriy Semenovich; ZUBEKHIN, P.T., red.; PERELYGIN, N.S., red.; KARZHAVINA, Ye.I., tekhn.red.

[Lipetsk Province] Lipetskaia oblast'. Lipetsk, Lipetskoe knizhnoe izd-vo, 1959. 317 p. (MIRA 13:10)
(Lipetsk Province)

ZUBKHIN, V.P.; NOVOKRESHCHENOV, P.D.

Nature of the thermal fatigue of nickel. Dokl. AN SSSR 155 no.6: 1306-1309 Ap '64. (MIRA 17:4)

1. Voronezhskiy gosudarstvennyy pedagogicheskiy institut. Predstavleno akademikom P.A.Rebinderom.

GRACH'YAN, A.N.; ZUBEKHIN, A.P.

Effect of the mineralizing additives on the process of calcination and properties of the clinker for white portland cement. Trudy NPI 129:3-22 '62.

(MIRA 18:3)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

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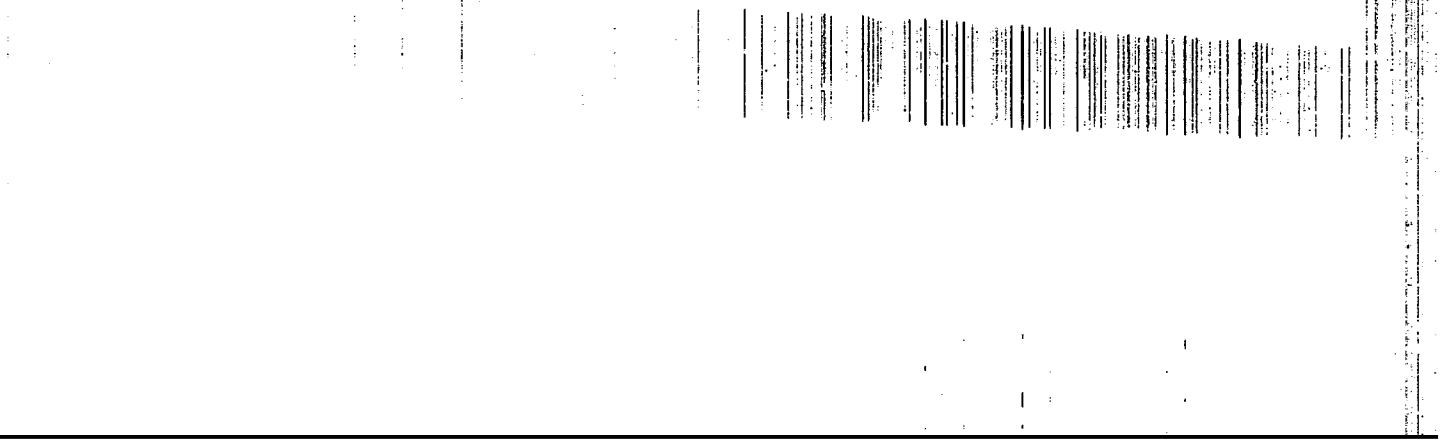

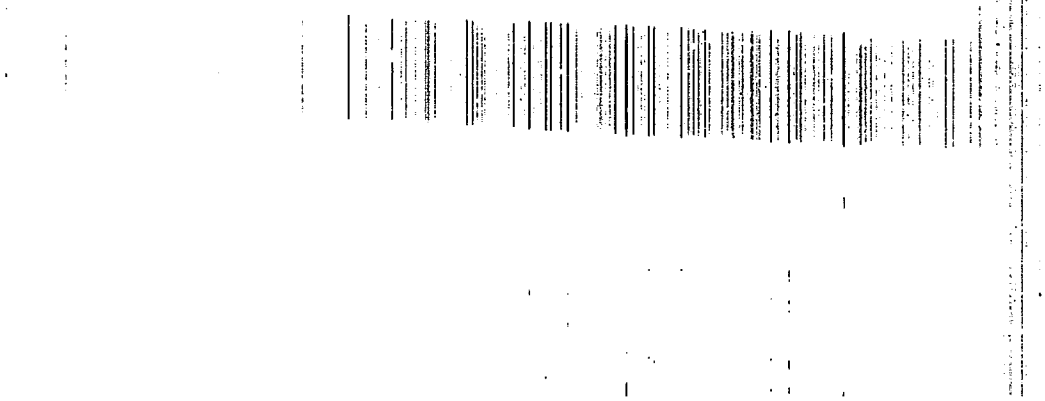

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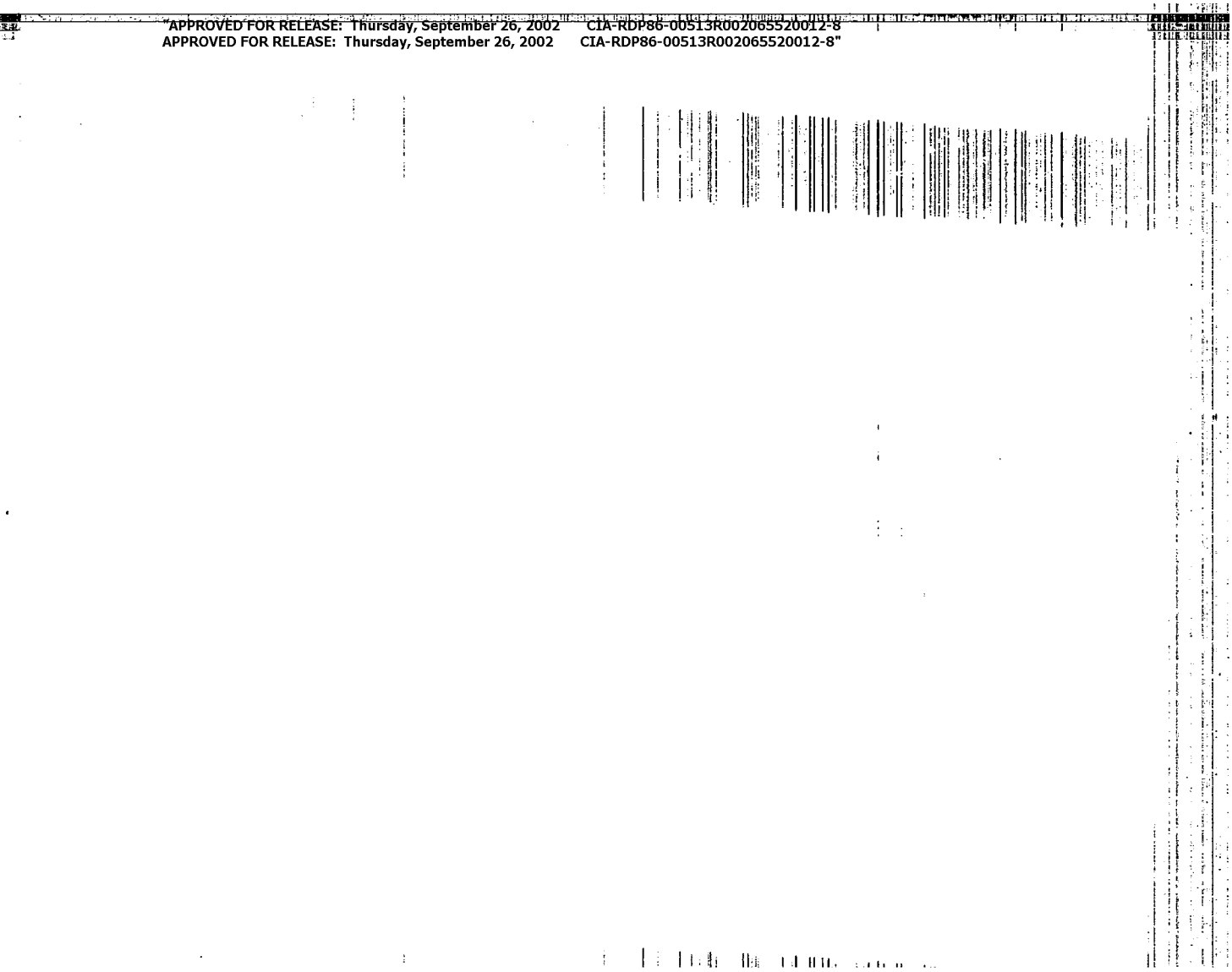

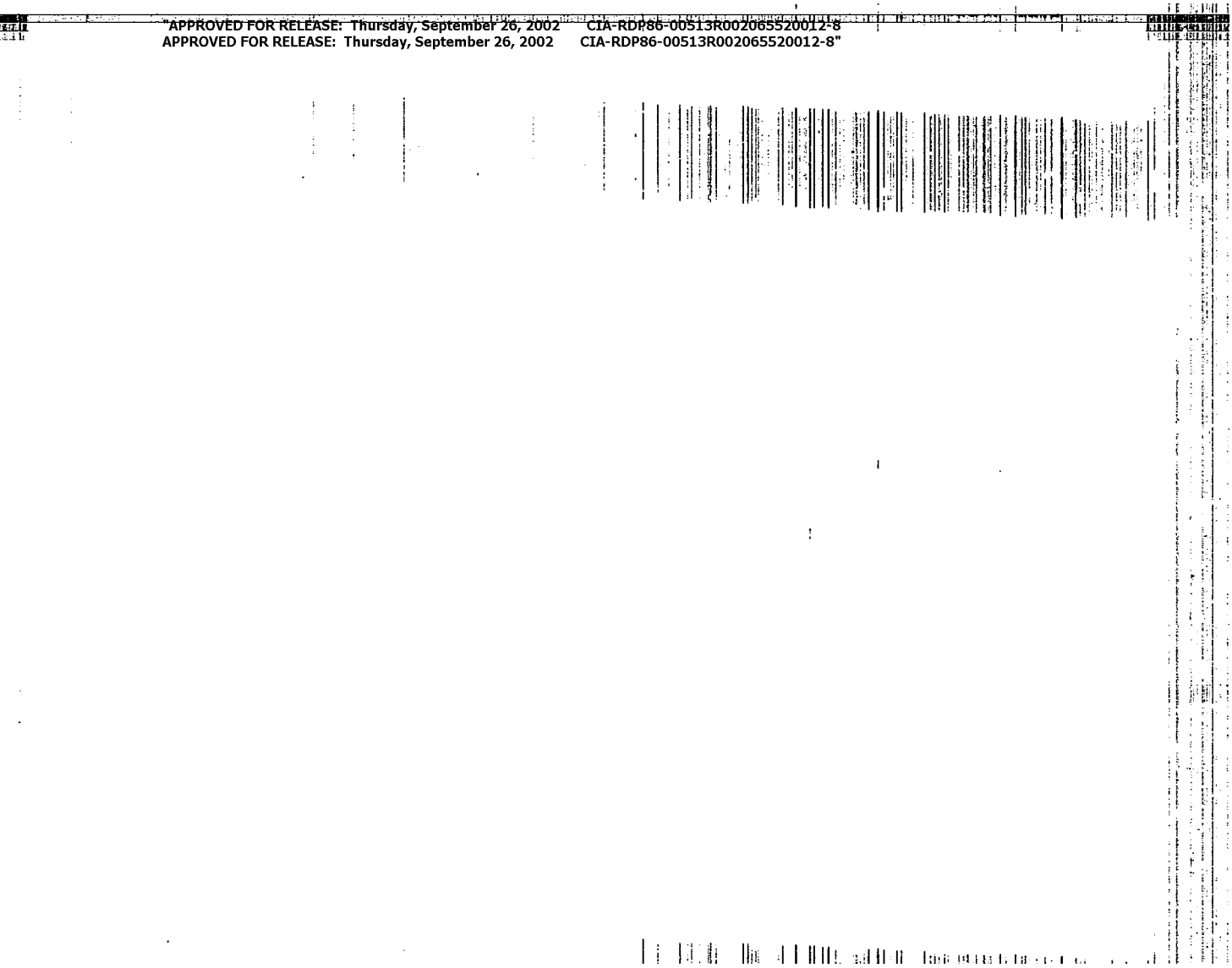

ACCESSION NR: AP4034034 S/0020/64/155/006/1306/1309

AUTHOR: Zubekhin, V. P.; Novokreshchenov, P. D.

TITLE: Nature of thermal fatigue in nickel

SOURCE: AN SSSR. Doklady*, v. 155, no. 6, 1964, 1306-1309

TOPIC TAGS: thermal fatigue, nickel thermal fatigue, thermal fatigue mechanism, internal friction

ABSTRACT: The authors have investigated changes of the internal friction peaks caused by the changes in magneto-elastic hysteresis losses in nickel as a result of thermal fatigue. The connection between internal friction and the magnetic coercive force is given by Mishok's theory (Czech. J. Phys. 7, 233, 1957). The authors used a method torsion pendulum for the determination of maximal internal friction. They found that the friction first increases with the number of thermal cycles, then reaches a plateau, and drops after 1,000 thermal cycles. The authors interpret the thermal-fatigue mechanism from observed dependence in terms of formation and migration of dislocations. Orig. art. has: 4 figures, and 3 formulas.

ACCESSION NR: AP4034034

ASSOCIATION: Voroneshskiy gosudarstvennyy pedagogicheskiy institut (Voronesh State Pedagogical Institute)

SUBMITTED: 16Oct63 ATD PRESS: 3066

SUB CODE: MM, TD NO REF SOV: 006 ENCL: 00

OTHER: 006

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBEKHIN, P.T., red.

[People of industrial chemistry] Liudi Bol'shoi khimii. Leningrad, Lenizdat, 1964. 77 p. (MIRA 18:4)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

DYSKIN, V.P.; ZUBEKHINA, L.M.

Treatment of chronic empyemas of the pleural cavity. Sov. zdrav. Kir. no.4/5:60-65 Jl-O'63 (MIRA 17:1)

1. Iz legochno-khirurgicheskogo otdeleniya (zav. - kand. med. nauk V.P. Dyskin) Kirgizskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. Yu.A. Volokh).

Zubelewicz, A.

Scientific-Technical Conference of road builders. p. 266.

Vol. 10, no. 11, Nov. 1955, Drogownictwo.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

ZUBELEWICZ, M.

ZUBELEWICZ, M. The use of building machinery. p. 95

Vol. 28, no. 3, Mar. 1956
PRZEGLAD BUDOWLANY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

ZUBELEWICZ, Michal (Mgr. Engr.)

Mgr. Eng. Boleslaw Kierski, Mgr. Eng. Jozef Kormgut, Mgr. Eng. Michal ZUBELEWICZ, "Major Directions in the Production of Construction Materials in the Current Five Year Plan," Materialy Budowlane (Construction Materials), Vol. XXI, No. 10, Warsaw, October 1957, pp 289-298.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBENKO, A.

The SKR-11 elongated conveyor. Mast. ugl. 4 no.2:21 F '55.
(MLRA 8:6)

1. Glavnyy mekhanik shakhty no.22 kombinata Stalinugol'.
(Conveying machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBENKO, A.F. (Kuganak, Bashkirskaya ASSR)

Equipment for snow removal from approach tracks. Put' i put.khoz. 4 no.9:21 S '60. (MIRA 13:9)

(Railroads--Snow plows)

ZUBENKO, A.P.

USSR/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63562

Author: Bulgakov, N. I., Zubenko, A. P., Antonova, I. I.

Institution: None

Title: Supression of Beer Microflora with Chemical Agents

Original Periodical: Tr. Vses. n.-i. in-ta pivovarennoy prom-sti, 1954, No 4, 40-47

Abstract: Indexes are given of the treatment of beer with salicylic acid, urotropin and H_2O_2. It was found that addition to beer, prior to bottling, of 0.01-0.015% H_2O_2 prolongs the stability of beer up to one month without affecting its organoleptic characteristics.

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ZUBENKO, A.P.; SAMOYLOVA, V.Ya.

Micromalting as a means to evaluate the brewing capacity of barley. Trudy TSentr. nauch.-issl. inst. piv., bezalk. i vin. prom. no.10:38-51 '63.

Brewing properties of barley from the Krasnodar and Stavropol Territories. Ibid.:51-70 (MIRA 17:8)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZHVIRBLYANSKAYA, Adel'geyda Yul'yevna; ZUBENKO, A.P., inzh., spetsred.; BELIKOVA, L.S., red.; TARASOVA, N.M., tekhn.red.

[Microbiological control in brewing] Mikrobiologicheskii kontrol' pivovarennogo proizvodstva. Moskva, Pishchepromizdat, 1959. 55 p. (MIRA 12:12)

(BREWING) (MICROBIOLOGY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

BULGAKOV, Nikolay Ivanovich; ZUBENKO, Agniya Petrova; KRUGLOVA, G.I., redaktor; KISINA, Ye.I., tekhnicheskiy redaktor

[Technical and chemical production control of nonalcoholic and low-alcoholic-content beverages] Tekhno-khimicheskii kontrol' proizvodstva bezalkogol'nykh i slaboalkogol'nykh napitkov. Moskva, Pishchepromizdat, 1956. 319 p. (MLRA 9:7)
(Beverages) (Production control)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

Corrosion of lead piping. D. Zubzycki (Mostek Hydrol. Inst.). *Pálna a voda* **20**, 342-4(1940).—The causes and prevention of inside and outside corrosion of Pb pipes in water lines owing to the action of O and H_2CO_3 as well as the alky. of the water and compn. of the soil are discussed together with electrolytic effects. Max Langer

Water supply of the Commune of Lany (Bohemia). D. Zubčenko. *Palivo a voda* 19, 21-3(1940). The H_2O is pumped from a coal mine, and after aeration and filtration contains SiO_2 12.8-13.2, CaO 138-164, MgO 8-15, Al_2O_3 3.7-4.9, $Na_2O + K_2O$ 0.6-0.8, SO_4^{--} 119-122, Cl^- 13.5-13.5, free CO_2 13-14.5, combined CO_2 81.4-83.6, and Fe 0.1-0.4 mg. per l. Boiler scale forming from this H_2O contained SiO_2 0.19, CaO 53.87, MgO 0.58, combined CO_2 40.95, Fe_2O_3 0.08, Al_2O_3 0.04, and SO_3 2.40%. B. A

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

Brit. abs.

Corrosion of lead water-piping. D. Zubchenko (*Vodos. i Kanal.* 1949, **29**, 342—344).—Pb piping is rapidly corroded by alkaline H_2O of high SO_4'' and Cl' content. R. Truesdale.

ZUBCENKO, D., inz.

Drinking and utility water in the Vysoke Tatry Mountains.
Vodni hosp 14 no. 3:117-118 '64.

ZUBENKO, F.S.; GUR'YEVA, Z.I.; KOSHECHKIN, B.I.

Eruption of the submarine mud volcano, Buzovninskaia Sopka.
Trudy Lab.aerometh. 4:148-151 '55. (MLRA 9:2)
(Mud volcanoes)

ZUBENKO, I.B.

3(2) PHASE I BOOK EXPLOITATION SOV/1263

Akademiya nauk SSSR. Laboratoriya aerometodov

Aerogeologicheskaya s"yemka melkovodnykh zon Kaspiyskogo morya (Aerial Geological Survey of Shallow Waters of the Caspian Sea) Moscow, Izd-vo AN SSSR, 1958. 139 p. 1,500 copies printed.

Resp. Ed.: Sharkov, V.V., Candidate of Geographical Sciences; Ed. of Publishing House; Aron, G.M., Tech. Ed.; Bleykh, E.Yu.

PURPOSE: The book is intended for geologists and geographers.

COVERAGE: This collection of articles, profusely illustrated by aerial photos and maps, presents the results of experimental aerial photography taken by the AS USSR Laboratory of Aerial Methods expedition in the shallow waters of the west coast of Caspian Sea. Aerial photo work was done under the direction of K.S. Lyalikov. Field work for the project was performed with the help of Ye.Ya. Dmitriyev, Geologist; M.F. Murchinok, Chief Geologist of the Ministry of Petroleum Production USSR;

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A.A. Bakirov and A.A. Il'in, workers at the Ministry; A.A. Yakubov, V.S. Melik-Pashayev, K.A. Mamedov, A.L. Putkaradze and A.P. Ushakov, directors and workers at the former Azmorneft' and Azneft' organizations; M.V. Klenova and V.F. Solov'ev of the Institute of Geological Sciences AS USSR; M.V. Abramovich, I.I. Potapov and D.M. Suleymanov of the Geological Institute of the AS of the Azerbaydzhan SSR; as well as S.E. Mussayev and A.I. Nikolenko of the Dagneft' Trust. There are 48 figures and photos and 106 references of which 105 are Soviet and one English.

TABLE OF CONTENTS:

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBENKO, F.S.

Studying coast changes of Tsimlyansk Reservoir by the use of aerial photographs. Trudy Lab. aerometr. 10:218-225 '60.
(MIRA 14:1)

(Tsimlyansk Reservoir--Coast changes)
(Photography, Aerial)

ZUBENKO, F.S.

Use of aerial photographic surveys in studying the transformation of reservoir shores. Trudy Okean.kom. 12:120-124 '61.
(MIRA 15:1)

1. Laboratoriya aerometodov AN SSSR.
(Tsimlyansk Reservoir--Coast changes) (Photography, Aerial)

[illegible]

Geology of the banks of the Volgograd Reservoir. Trudy GIN no.115(10):129 '64. (MIRA 17:12)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

ACC NR: AT7001010 (A) SOURCE CODE: UR/0145/66/000/010/0121/0126

AUTHOR: Zemskov, P. I. (Lecturer); Zubenko, I. F. (Lecturer); Khavina, R. B. (Engineer); Yakushina, Ye. N. (Engineer); Degtyareva, O. F. (Engineer); Kharchenko, Ye. N. (Engineer)

ORG: Kharkov Institute of Communal Economy (Khar'kovskiy institut kommunal'nogo khozyaystva)

TITLE: Use of diffusion chrome plating to increase the durability of components

SOURCE: IVUZ. Mashinostroyeniye, no. 10, 1966, 121-126

TOPIC TAGS: metal diffusion plating, chromium plating, durability, antifriction metal

ABSTRACT: The authors study the antifriction properties and durability of components diffusion-plated with chromium. The specimens were put into iron containers with various chrome plating mixtures and the containers were then placed in a furnace where they were heated at 1075-1100°C for 6-8 hours. The chromium-containing medium was chromium oxide and ferrochrome. Four plating mixtures were used with the following compositions (in %): 1. FeCr--50, Al_2O_3--45, NH_4Cl--5; 2. Cr_2O_3--80, C--6, NH_4Cl--4, Al_2O_3--10; 3. Cr_2O_3--80, Ba_2Co_3--4, C--6, Al_2O_3--6, NH_4Cl--4; 4. FeCl--45, Al_2O_3--6, Cr_2O_3--45, NH_4Cl--4. Analysis showed that the surface layer in all cases contains 70-75% chromium and 6-8% aluminum. The depth of diffusion chrome plating for cast

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8

iron depends on plating time up to 8-10 hours and then remains constant. Hardness also increases with holding time. It was found that knurling followed by chrome plating is preferable to porous chrome plating for improving oil adhesion on surfaces subjected to friction. The durability of components with chrome-plated knurled surfaces may be increased by treatment in a solid carbonizer of the following composition (in %) carbon--50, Na_2CO_3--20, Fe (filings)--30. The treatment consists of holding for 5 hours at 900°C. Tinned and sulfidized surfaces show the best running-in properties with coefficients of friction of 0.0500 and 0.0550. Parkerized specimens have slightly higher coefficients of friction--0.0670-0.0680. Chrome plating mixtures of the second and third compositions gave the best results with respect to wear. Orig. art. has: 2 figures, 1 table.

SUB CODE: 11/ SUBM DATE: 6Apr65/ ORIG REF: 005

AM0038909 (A) SOURCE CODE: UR/0299/66/000/007/R037/R037

AUTHOR: Zubenko, P. M.; Khristich, A. D.; Lukashovich, K. F.; Manson, S. M.; Novikova, A. A.; Shchesno, T. Yu.; Zubenko, I. P.

TITLE: Biochemical changes in muscles of dogs following amputation and replantation of an extremity

SOURCE: Ref. zh. Biologiya, Part II, Abs. 9R232

REF SOURCE: Tr. 1-go Mosk. Med. in-ta, v. 42, 1965, 135-141

TOPIC TAGS: dog, tissue transplant, muscle physiology, desoxyribonucleic acid, ribonucleic acid, phosphorylation, organic phosphorus compound

ABSTRACT: Extremities of dogs were amputated and kept at room temperature for 1 to 2 hrs or on ice for 2 to 24 hrs. In 1 to 2 hrs nitrogen as well as phosphorus metabolism disorders appeared in the muscles. Phosphocreatine and ATP levels decreased significantly, and inorganic phosphorus and water soluble protein levels increased without affecting fraction ratios during the first hour; in 2 hrs the myogen level decreased. Changes of phosphorus compound levels were similar in extremities kept on ice for 2 hrs; levels of water soluble proteins and their myogenic fraction increased and their phosphorylase fraction decreased. Twenty-four hour cooling led to the same changes. Phosphocreatine and ATP were almost completely broken down. Nucleic acid

Card 1/2 UDC: 577.99

ACC NR: AR6028909

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levels decreased significantly and the level of inorganic phosphorus increased considerably. In 1½ mos. the general levels of inorganic phosphorus, phosphocreatine, ATP, water soluble proteins, myosin and collagen decreased in the replanted extremity muscles. RNA and DNA levels rose. In a year the general levels of nucleic acids, RNA, DNA, water soluble proteins and their fractions were normalized. Phosphorus compounds, particularly phosphocreatine, ATP and inorganic phosphorus, were poorly restored. In 5 to 7 yrs the levels of nucleic acids, water soluble proteins and inorganic phosphorus fractions were completely restored in the extremity muscles; collagen and myosin levels were partially restored. Phosphocreatine, ATP and general phosphorus levels remained considerably reduced compared to norms. Extremities kept at room temperature for 2 hrs failed to accrete. N. S. [Translation of abstract].

SUB CODE: 06

Card 2/2

ZUBENKO, P.M.; KHRISTICH, A.D.; DUKASHEVICH, K.F.; MANZON, S.M.; NOVIKOVA, A.A.; SHCHESNO, T.Yu.; ZUBENKO, I.P.

Biochemical changes in the muscles in dogs following the amputation and replantation of an extremity. Trudy 1-go MMI 42:135-141 '65.
(MIRA 19:2)

1. Kafedra biokhimii i khirurgii detskogo vozrasta Dnepropetrovskogo meditsinskogo instituta.

ZEMSKOV, Pavel Ivanovich; YAKUSHINA, Yelena Nikolayevna; KHARCHENKO, Yevgeniy Nikolayevich; ZUBENKO, I.F., dots., otv. red.; ALYAB'YEV, N.Z., red.

[Materials and coatings for the piston rings of motor vehicle and tractor engines] Materialy i pokrytiia porshnevykh kolets avtotraktornykh dvigatelei. Khar'kov, Izd-vo Khar'kovskogo univ., 1963. 129 p. (MIRA 17:8)

KRYSENKO, N.S.; FEDOROV, Yu.P.; ZUBENKO, K.I.

Dross processing by the method of anodic dissolution in a sulfamine electrolyte. TSvet.met. 38 no.10:25-28 O '65.
(MIRA 18:12)

LITVIN-MAKSYUTA, K.M.; GOSTISHCHEV, K.P.; KRYSENKO, N.S.; POLYAKOVA, M.N.; ZUBENKO, K.L.; KOZACHENKO, V.K.; VASIL'YEVA, N.M.

Regeneration of xanthate from cobalt cake. TSvet. met. 38 no.6:44-45 Je '65. (MIRA 18:10)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBENKO, P.M.; LEGOVETS, T.A. [Lehovets', T.O.]

Biochemical changes in a denervated traumatized muscle during the ingrowth of the nerve. Ukr. biokhim. zhur. 33 no.1:94-100 '61. (MIRA 14:3)

1. Department of Biochemistry of the Dnepropetrovsk Medical Institute.

(MUSCLES--INNERVATION) (ATROPHY, MUSCULAR)
(WOUNDS)

ZUBENKO, P.H.

Biochemical changes in denervated muscles caused by repeated daily electric stimulations. Ukr.biokhim.zhur. 28 no.2:223-230 '56. (MLRA 9:9)

1. Kafedra fiziologii ta biokhimii lyudini i tvarin Dnipropetrovs'kogo universitetu.

(DYSTROPHY, MUSCULAR) (ELECTROPHYSIOLOGY)

Name: ZUBENKO, Pavel Mikhaylovich

Dissertation: On the Biochemistry of Denervated Muscles

Degree: Doc Biol Sci

Affiliation: Dnepropetrovsk State U imeni 300th Anniversary of the Reunification of the Ukraine and Russia

Defense Date, Place: 15 Oct 56, Council of Kiev State U imeni Shevchenko

Certification Date: 12 Jan 57

Source: BMVO 7/57

ZUBENKO, P.M.; KHRISTICH, A.D.; LUKASHEVICH, K.F.; MANZON, S.M.; NOVIKOVA, A.A.; SHCHESNO, T.Yu.; ZUBENKO, I.P.

Biochemical changes in the muscles in dogs following the amputation and replantation of an extremity. Trudy 1-go MMI 42:135-141 '65.
(MIRA 19:2)

1. Kafedra biokhimii i khirurgii detskogo vozrasta Dnepropetrovskogo meditsinskogo instituta.

ZUBENKO, P. M.

ZUBENKO, P. M.: "The biochemistry of denervated mice." Kiev State U imeni T. G. Shevchenko. Kiev, 1955. (DISSERTATION FOR THE DEGREE OF DOCTOR IN BIOLOGICAL SCIENCE)

Sol: Knizhnaya letopis' No 15, 1956, Moscow

ZUBENKO, P.M.; REVA, A.D.; PLAKHOTISHINA, Ye.T.

Function of adenisotriphosphatase and amylase in denervated muscles. Biokhimiia, Moskva 15 no.1:79-85 Ja-F '50. (CIML 19:3)

1. Department of Biochemistry, Dnepropetrovsk University.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

Chemical Abst.
V. [illegible] No. [illegible]
Feb. [illegible]

[illegible] activity of [illegible] muscle [illegible] by electric current. P. M. [illegible] and S. T. [illegible] ([illegible] Ukr. S.S.R.) [illegible] 22, 384 [illegible] (1950) (in Ukrainian with Russian summary); cf. [illegible] 64 [illegible]. [illegible] of the peripheral nerves [illegible] result in subsequent atrophy can be [illegible] complete blockade [illegible] The enzyme [illegible] [illegible] [illegible] the [illegible] [illegible] ATP-ase activity [illegible] normal muscle [illegible] After 15 days, [illegible] 3.2, and [illegible] activity [illegible] 1.20 mg [illegible] stimulated [illegible] of the proteins [illegible] for a given [illegible] muscle [illegible] normal [illegible]

Muscle

Activity of the ferments of denervated muscles stimulated by an electric current. Ukr. biokhim. zhur. 22 No. 4, 1950.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

ZUBENKO, P. M.

Zubenko, P.M. "The relationship of the amount of glutathione in a nerveless muscle to its amount of usage," "auch. zapiski (Dnepropetr. gos. un-t), Vol. XXXII, 1948, p. 253-58 - Bibliog: 14 items

SO: U-3960, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

The iron content of normal and trained muscles of the rabbit, chicken and the pigeon. V. G. Klimenko and E. M. Zubenko. *Med. exptl.* (Ukraine) **1938**, No. 1, 31-6.—The pectoral muscle of the chicken and pigeon and the vastus lateralis muscle of the rabbit were stimulated by Faradic shocks on one side of the animal, the muscles of the other side serving as controls. Bivalent, trivalent and org. Fe were detd. according to the Pincussen-Roman method (cf. *C. A.* 25, 2731). Normal pectoral muscles of the pigeon contained 4.3 mg. % of total Fe, those of the chicken contained 0.1 mg. %, while the m. vastus lateralis contained 1.8 mg. %. Training in the rabbit and chicken led to an increase in all the Fe fractions, while in the pigeon training increased only the org. Fe. S. A. Corson

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Activity of adenosinetriphosphatase and amylase in denervated muscles. P. M. Zubenko, A. D. Reva, and E. T. Plakhotkina (Univ. Dnepropetrovsk). *Biokhimiya* 15, 79-85(1950).—Denervation of muscle is accompanied by a decrease in P compds. (creatine, adenosine, and hexose phosphates), together with a decrease in the activity of those enzymes which catalyze P reactions (phosphorylase, adenosinetriphosphatase, and phosphoglucomutase). Acetylcholine in large doses checks the adenosinetriphosphatase activity of denervated muscles, whereas small doses increase its activity. The activity of amylase in denervated muscles decreases. H. Priestley

1950

ACC NR: AM6033909 (71) SOURCE CODE: UR/0299/66/000/007/R037/R037

AUTHOR: Zubenko, P. M.; Khristich, A. D.; Lukashevich, K. F.; Manzon, S. M.; Novikova, A. A.; Shchesno, T. Yu.; Zubenko, I. P.

TITLE: Biochemical changes in muscles of dogs following amputation and replantation of an extremity

SOURCE: Ref. zh. Biologiya, Part II, Abs. 9N232

REF SOURCE: Tr. 1-go Mosk. Med. in-ta, v. 42, 1965, 135-141

TOPIC TAGS: dog, tissue transplant, muscle physiology, desoxyribonucleic acid, ribonucleic acid, phosphorylation, organic phosphorus compound

ABSTRACT: Extremities of dogs were amputated and kept at room temperature for 1 to 2 hrs or on ice for 2 to 24 hrs. In 1 to 2 hrs nitrogen as well as phosphorus metabolism disorders appeared in the muscles. Phosphocreatine and ATP levels decreased significantly, and inorganic phosphorus and water soluble protein levels increased without affecting fraction ratios during the first hour; in 2 hrs the myogen level decreased. Changes of phosphorus compound levels were similar in extremities kept on ice for 2 hrs; levels of water soluble proteins and their myogenic fraction increased and their phosphorylase fraction decreased. Twenty-four hour cooling led to the same changes. Phosphocreatine and ATP were almost completely broken down. Nucleic acid

Card 1/2

UDC: 577.99

ACC NR: AR6028909

levels decreased significantly and the level of inorganic phosphorus increased considerably. In 1½ mos. the general levels of inorganic phosphorus, phosphocreatine, ATP, water soluble proteins, myosin and collagen decreased in the replanted extremity muscles. RNA and DNA levels rose. In a year the general levels of nucleic acids, RNA, DNA, water soluble proteins and their fractions were normalized. Phosphorus compounds, particularly phosphocreatine, ATP and inorganic phosphorus, were poorly restored. In 5 to 7 yrs the levels of nucleic acids, water soluble proteins and inorganic phosphorus fractions were completely restored in the extremity muscles; collagen and myosin levels were partially restored. Phosphocreatine, ATP and general phosphorus levels remained considerably reduced compared to norms. Extremities kept at room temperature for 2 hrs failed to accrete. N. S. [Translation of abstract].

SUB CODE: 06

MAKSIMOV, Vladimir Fedorovich, dots., kand. tekhn. nauk; ZUBENKO, P.S., retsenzent; POPILOV, L.Ya., red.; SARMATSKAYA, G.I., red.izd-va; VDOVINA, V.M., tekhn. red.

[Fundamentals of safety and fire prevention engineering in the woodpulp and paper industry]Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki v tselliulozno-bumazhnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 504 p. (MIRA 16:3)
(Paper industry--Safety measures)
(Paper industry--Fires and fire prevention)

ZUBENKO, V., kand.sce "skokhoz.nauk (Krasnodar)

Virgin lands in the south. NTO 2 no.5:19-20 My '60. (MIRA 14:5)
(Krasnodar Territory--Virgin lands)

ZUHENKO, V., agronom

Corn varieties and hybrids for summer planting. Nauka i perod. op. v sel'khoz. 9 no.6:16-18 Je '59. (MIRA 12:9)
(Corn (Maize)--Varieties)

SOV/3-58-12-37/43

AUTHORS: Obukhova, V.S., Candidate of Technical Sciences; Zubenko, V.A., Assistant

TITLE: A Manual on Descriptive Geometry for Correspondence-Students (Rukovodstvo po nachertatel'noy geometrii dlya zaochnikov)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 12, pp 86-88 (USSR)

ABSTRACT: The article is a review of the book "Descriptive Geometry" by N.N. Pshenichnyy, M.I. Repina and L.I. Marchenko, published by "Sovetskaya nauka".
There is 1 Soviet reference.

ASSOCIATION: Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (Ukrainian Academy of Agricultural Sciences)

Card 1/1

Country : USSR
Category: Cultivated Plants. General Problems.

M

Abs Jour: RZhBiol., No 11, 1958, 48824

Author : Zubenko, V.F.
Inst : Zhitomirskaya Oblast Scientific Society for the Dissemination of Political and Scientific Knowledge
Title : The Effectiveness of Occupied and Bare Fallows.

Orig Pub: Byul. sil's'kogospod. inform. zhiton. obl. vid. t-va dlya poshir. polit. ta nauk. znan', 1957, No 3, 38-40

Abstract: No abstract.

Card : 1/1

COUNTRY : USSR

CATEGORY : Cultivated Plants. General Problems.

ABS. JOUR. : [illegible] Zhur-Biologiya, No. [illegible] 19[illegible], No. [illegible]

AUTHOR : [illegible]

INST. : --

TITLE : Sequence of Crops in Crop Rotations in the Forest Steppes in the Ukraine

ORIG. PUB. : Zemledeliye, 195[illegible], No. [illegible], [illegible]-35

ABSTRACT : No abstract

CARD : 1/1

ZUBENKO, V.F.; VALOVIENKO, D.K.; DOROSHENKO, Ye.T.; MOLIBOG, T.D., st. nauchn. sotr.; SALEY, A.E.[Salei, A.E.], st. nauchn. sotr.; ALEKSANDROV, O.I.

[Informational material on mineral fertilizers, poisonous and chemical substances used in animal husbandry] Dovidkovyi material po mineral'nykh dobryvakh, otrutokhimikatakh ta khimichnykh rechovynakh, shcho zastosovuiut'sia v tvarynnytstvi. Zhytomyr, 1964. 106 p. (MIRA 18:6)

1. Zhitomir (Province). Sil's'kohospodars'ka doslidna stantsiya.

ZUBENKO, V.F., kand.sel'skokhozyaystvennykh nauk; CHERNILEVSKIY, N.S., kand.sel'skokhozyaystvennykh nauk

Distribution of winter crops in crop rotations of the Ukrainian Polesye. Zemledelie 8 no.9:31-35 S '60.
(MIRA 13:8)

1. Zhitomirskaya oblastnaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya.
(Polesye--Rotation of crops)
(Polesye--Grain)

PASTUSHENKO, V.O., kand.sel'skokhozyaystvennykh nauk; POPOVICH, I.D., kand.sel'skokhozyaystvennykh nauk; ZUBENKO, V.P.

Crop rotation system used on the grassy steppe of the Ukraine. Zemledelie 6 no.9:31-35 S '58. (MIRA 11:9)
(Ukraine--Rotation of crops)

ZUBENKO, V. F.: Master Agric Sci (diss) -- "The place of corn in the grain-sugar beet crop rotation of the western part of the left-bank forest steppe of the Ukraine SSR". Lyubar, 1958. 19 pp (Min Agric Ukr SSR, Ukr Acad Agric Sci), 100 copies (KL, No 5, 1959, 157)

ZUBENKO, V. G., Candidate of Pharmaceut Sci (diss) -- "Investigation of the heterocyclic compounds withtwo heteroatoms". L'vov, 1959. 13 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 250 copies (KL, No 22, 1959, 123)

ZUBENKO, V.G.

Investigations in the field of heterocyclic compounds with two heteroatoms. Apt. delo 9 no. 5:91 S-O '60. (MIRA 13:10)
(HETEROCYCLIC COMPOUNDS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

79-12-21/43

AUTHORS: Zubenko, V. G., Turkevich, N. M.

TITLE: Synthesis of Thiazolidone Derivatives Which are of Biological Interest (Sintez proizvodnykh tiazolidona, predstavlyayushchikh biologicheskiy interes).
VII. Synthesis of N-Substituted Thiocyano-Derivatives Starting From Thiocyano-Acetates (VII. Sintez N - zameshchennykh proizvodnykh rodanina, iskhodya iz rodanoatsetatov).

PERIODICAL: Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 12, pp. 32[illegible]5-3[illegible]78 (USSR).

ABSTRACT: Of late a certain importance was attributed to N-substituted thiocyano-derivatives because of their fungicidal properties. The syntheses of these compounds mentioned in publications hitherto suffer from a great number of deficiencies. By means of investigations the authors stated that the most useful initial products for the synthesis of N-thiocyano-derivatives are the salts of thiocyano-acetic acid which are of great stability and can easily be obtained by reaction of thiocyanate potassium on the sodium salt of monochloroacetic acid (see reaction process). As a condensation means glacial acetic acid was used which has the task to convert thiocyano-acetate to acetic acid and to bind the separating ammonia. The saponification of the thiocyanate group is introduced by small amounts of water present in [illegible]

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065520012-8"

Synthesis of Thiazolidone-Derivatives Which are of Biological Interest. VII. Synthesis of N-Substituted Thiocyano-Derivatives Starting From Thiocyano-Acetates. [illegible]

tic acid and crystalline lead acetate. Acting as a catalyst, the latter causes the conversion of thiocyano-acetic acid to thioglycolic acid which again with the mustard oils converts to the derivatives of thiocarbaminylthioglycolic acid. When heated in glacial acetic acid these derivatives easily form anhydrides with the development of a thiazolidone ring. The reaction was carried out with phenyl- and allyl mustard oils and the possibility of a simultaneous introduction of aldehydes during condensation was found. For the condensation benzoin-, salicyl- x) [illegible]-nitrobenzoin-, p-nitrobenzoin-, p-acetaminobenzoin- [illegible] and [illegible] aldehyde as well as furfurol as reagent were used. This way [illegible] thiocyano-derivatives with yields of from [illegible]% were synthesized. There are 1 table, and [illegible] references, [illegible] of which is Slavic.

ASSOCIATION: L'vov Medical Institute (L'vovskiy meditsinskiy institut).

SUBMITTED: December 1[illegible], 1956.

AVAILABLE: Library of Congress.

Card 2/2 1. Thiazolidones - Synthesis 2. Thiocyanoacetates - Synthesis

TURKEVICH, N.M.; ZUBENKO, V.G.

Substitution in the azolidine ring. Part 11: Derivatives of imidazolidine containing an isoquinoline nucleus. Ukr. khim. zhur. 26 no.2:222-226 '60. (MIRA 13:9)

1. L'vovskiy gosudarstvennyy meditsinskiy institut.
(Imidazolidine) (Isoquinoline)

ZUBENKO, V.G. [Zubenko, V.H.]; TURKEVICH, M.M., [Turkevych, M.M.], prof.

Synthesis of azolidine derivatives with a possible hypoglycemic action. Farmatsev. zhur. 16 no. 2:10-15 '61. (MIRA 14:4)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo instituta, zav. kafedroy prof. M.M. Turkevich.
(SULFONAMIDES)

ZUBENKO, V.G. [Zubenko, V.H.]; TURKEVICH, N.M. [Turkevych, M.M.]

Synthesis of azolidine derivatives with a possible hypoglycemic action. Farmatsev. zhur. 17 no.3:10-14 '62. (MIRA 17:10)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo instituta.

ZUBENKO, V.G. [Zubenko, V.H.]; TURKEVICH, N.M. [Turkevych, M.M.]

Synthesis of azolidine derivatives with a possible hypoglycemic effect. Report No.3: Sulfacyl derivatives of pseudothiohydantoin. Farmatsev.zhur. 20 no.1:6-10 '65. (MIRA 18:10)

1. Kafedra farmatsevticheskoy khimii L'vovskogo meditsinskogo instituta.

ZUBENKO, V.Kh., Cand Agr Sci -- (diss) "Cultivation of corn from postharvest ~~and moving~~ sowings in Krasnodarskiy kray." Krasnodar, 1959, 21 pp (Min of Agr RSFSR. Kuban' Agr Inst) 15 copies

(KL, 36-59, 116)

ZUBENKO, V.Kh., kand.sel'skokhozyaystvennykh nauk; SYKALO, N.G.

Fertilizers for corn planted on stubble. Zemledelie 24 no.6: 49-51 Je '62. (MIRA 15:11)

1. Kubanskiy sel'skokhozyaystvennyy institut.
(Kuban--Corn (Maize)--Fertilizers and manures)

ZUBENKO, V.Kh., kand. sel'khoz.nauk; MINENKOVA, V.P., red.; OKOLELOVA, Z.P., tekhn. red.

[Corn in postharvest and stubble plantings] Kukuruza v poukosnykh i pozhnivnykh posevakh. Moskva, Sel'khozizdat, 1963. 158 p.
(MIRA 17:1)

ZUBENKO, V.Kh.; GOVOROV, N.V.

Potentials for increasing the production yield of sweet corn. Kons.i ov.prom. 17 no.5:11-12 My '62. (MIRA 15:5)

1. Kubanskiy sel'skokhozyaystvennyy institut (for Zubenko).
2. Krymskaya opytno-seleksionnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva (for Govorov).
(Corn (Maize))