

ABLIKATOVA, A.A.; PROTSENKO, A.Ye.; PROTSENKO, Ye.P.

Mycoflora of nut trees in the south of the Far East. Izv. AN SSSR.
Ser. biol. no. 4:606-612 J1-1g '62. (MIRA 17:10)

1. Institute of Microbiology, Academy of Sciences of the U.S.S.R.,
Moscow.

PAVLIKOVA, A.V.; PROTSENKO, A. Ye.

Tartrate and trihydroxyglutarate complexes of zinc. Ukr. Khim.
znur. 30 no.12:1247-1255 1971 (MIRA 18:1)

1. Chernovitskiy gosudarstvennyy universitet.

PROTSENKO, A. Ye.

"O saprofitnykh (svobodno zhivushchikh) virusakh."

report presented at Symp on Virus Diseases, Moscow, 6-9 Oct 64.

Institut mikrobiologii AN SSSR, Moskva.

RAZVYAZKINA, G.M., kand.biolog.nauk; PROTSENKO, A.Ye., kand.biolog.nauk

Streak mosaic of wheat. Priroda 52 no.7:115 J1 '63. (MIRA 16:8)

1. Institut mikrobiologii AN SSSR, Moskva.
(Wheat---Diseases and pests) (Mosaic disease)

PROTSENKO, A.Ye., kand. biolog. nauk

Treatment of plants infected with viruses. Zashch. rast. ot
vred. i bol. 6 no.11852 N 61. (MIRA 1684)

(Virus diseases of plants)

PROTSENKO, A.Ye., kand.biolog.nauk

Mal secco disease of citrus. Zashch. rast. ot vred. i bol.
7 no.2:47-48 F '62. (MIRA 15:12)
(Georgia-Mal Secco disease of citrus)

PROTSENKO, A.Ye.; LEGUNKOVA, R.M.; GOL'DIN, M.I., doktor biol. nauk,
otv. red.; PASHKOVSKIY Yu.A., red.izd-va; SUSKOVA, L.A.,
tekh. red.

[Technique of electron microscopic investigations in phyto-
pathology] Tekhnika elektronnomikroskopicheskikh issledovani
v fitopatologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p.
(MIRA 15:10)

(Plant diseases--Research) (Electron microscopy)

PROTSENKO, A.Ye.

Conference of virologists. Zashch. rast. ot vred. i bol. 7 no.1:56-57
'62. (MIRA 15:6)

(Virus diseases of plants--Congresses)

KOROTUN, M.V.; PAVLINOVA, A.V.; PROTSENKO, A.Ye.; TSAPLENKOVA, P.S.;
BODROVA, N.I.

Photoelectrocolorimetric determination of large amounts of
potassium in solution. Izv.vys.ucheb.zav.; khim.i khim.tekh.
4 no.6:1037-1039 '61. (MIRA 15:3)

1. Chernovitskiy gosudarstvennyy universitet i Kalushskiy kaliynyy
kombinat.

(Potassium--Analysis)

PROTSENKO, A.Ye.; LEGUNKOVA, R.M.

Electron microscope examination of onion mosaic viruses. Mikro-
biologiya 30 no.1:165-167 Ja-F '61. (MIRA 14:5)

1. Institut mikrobiologiya AN SSSR.
(MOSAIC DISEASE) (ONION--DISEASES AND PESTS)
(ELECTRON MICROSCOPY)

PROTSENKO, Yelena Pavlovna; PROTSENKO, Aleksey Yevstafiyevich; IL'INSKAYA, M.I., otv. red.; ZAVZDARG, V.E., red. izd-va; MARKOVICH, S.G., tekhn. red.; KASHINA, P.S., tekhn. red.

[Concise atlas of the diseases of ornamental plants] Kratkii atlas boleznei dekorativnykh rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 135 p. (MIRA 15:1)
(Plants, Ornamental) (Plant diseases)

PAVLINOVA, A.V.; PROTSYENKO, A.Ye.

Physicochemical study of the interaction between zinc salts with citrates. Ukr. khim. zhur. 26 no.6:757-761 '60. (MIRA 14:1)

1. Chernovitskiy gosudarstvennyy universitet.
(Zinc salts) (Citrates)

PROTSENKO, A.Ye.

Scientific research institutions in Hungary. Izv. AN SSSR. Ser.
biol. no.2:312-313 Mr-Apr '61. (MIRA 14:3)
(HUNGARY--PLANTS, PROTECTION OF--RESEARCH)

PROTSENKO, A.Ye., kand.biolog.nauk

Research on virus diseases of plants in Czechoslovakia.
Zashch. rast. ot vred. i bol. 5 no. 8:51 Ag '60.

(MIRA 13:12)

(Czechoslovakia--Virus diseases of plants)

S/073/60/026/004/016/016/17
B023/B064

AUTHORS: Pavlinova, A. V. and Protsenko, A. Ye.

TITLE: Volumetric Determination of Zinc and Cadmium When Present Jointly

PERIODICAL: Ukraïnskiy khimicheskiy zhurnal, 1960, Vol. 26, No. 4, pp. 519-522

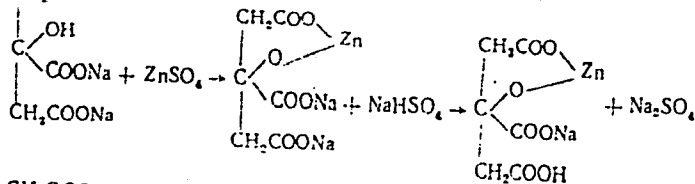
TEXT: The authors aimed at finding a quicker method of determining zinc in the presence of cadmium. For this purpose, cadmium was bound as complex $CdCl_4$ or $CdBr_4$. The "citrate" method (Ref. 3) was applied to determine zinc volumetrically. The acid separated in the reaction was titrated and phthanol phthalein was used as indicator. It was experimentally found that thymol phthalein can be replaced by phenol phthalein. It is, however, necessary to increase the amount of $CaCl_2$ up to 3% of the volume of the titrated solution. The attached scheme shows the reactions thus occurring.

Card 1/4

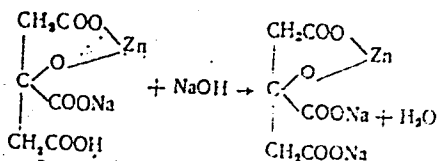
Volumetric Determination of Zinc and Cadmium
When Present Jointly

S/073/60/026/004/016/018/XX
B023/B064

1. CH_2COONa



2.

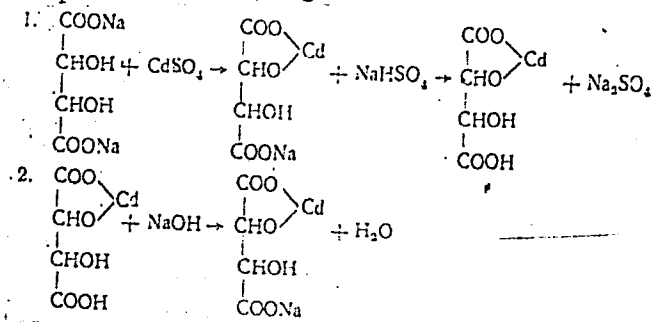


The following solutions were prepared: ZnSO_4 - 0.1896 moles, CdSO_4 - 0.1936 moles, NaOH - 0.0998-n, 10% sodium nitrate and a saturated CaCl_2 solution. The molarity of the zinc salt solution was determined by the citrate method and at the same time, by titrating with Trilon. The data obtained by the two methods are in agreement. The molarity of the cadmium solution was determined by the method described in Ref. 4, i.e., in the solution of cadmium sulfide whose titer was found by electrolysis. A

Card 2/4

Volumetric Determination of Zinc and Cadmium When Present Jointly S/073/60/025/004/016/018/XX B023/B064

calculation made on the basis of the instability constant of the (CdCl4) complex showed that the CaCl2 concentration in the solution should not be less than 30%. A number of titrations was carried out with equal zinc-salt- and citrate volumes and with different cadmium salt- and CaCl2 volumes for reasons of comparison. The results of Table 1 show that cadmium is entirely bound at a sufficiently high ionic concentration of chlorine. A volumetric determination of zinc is, thus possible in the presence of cadmium. Cadmium can be titrated with tartrates in the presence of KNO3. The reactions proceed according to the attached scheme.



Card 3/4

Volumetric Determination of Zinc and Cadmium
When Present Jointly

S/073/60/025/004/016/018/XX
B023/B064

Investigations confirmed that in the titration of zinc, instead of CaCl_2 , also other salts, e.g., Na_2SO_4 , NaCl , and KNO_3 (16-20%) may be added. Thus, it is possible to titrate the sum $\text{Zn} + \text{Cd}$. Since zinc is also titrated in an independent sample the amount of cadmium can be determined as the difference (Table 2). This method is fairly accurate. If apart from zinc and cadmium the solution also contains acid, it can be titrated in advance with methyl orange as indicator. The authors found that the solution in which the acid was determined, can also be used to determine Zn or $\text{Zn} + \text{Cd}$, since the slightly yellow color of methyl orange does not affect titration with phenol phthalein. There are 2 tables and 4 Soviet references. ✓

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet
(Chernovtsy State University)

SUBMITTED: April 20, 1959

Card 4/4

PROTSENKO, A.Ye.; LEGUNKOVA, R.M.; RYZHKOV, V.L., otv.red.; PASHKOVSKIY,
Yu.A., red.izd-va; BRUZGUL', V.V., tekhn.red.

[Photomicrography of phytopathogenic viruses with an electron
microscope] Elektronnaia mikrofotografiia fitopatogennykh virusov.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 94 p.

(MIRA 13:11)

1. Chlen-korrespondent AN SSSR (for Ryzhkov).
(PHOTOMICROGRAPHY) (ELECTRON MICROSCOPY)
(VIRUSES)

PROTSSENKO, A.Ye. (Moskova)

The fungus *Endothia iluens* (Sow.) Shear et Stev. infecting
Castanea sativa Mill. in the Caucasus. Bot.zhur. 45
no.6:832-843 Je '60. (MIRA 13:7)
(Caucasus--Fungi, Phytopathogenic)
(Chestnut--Diseases and pests)

PAVLINOVA, A.V.; KOROTUN, M.V.; PROTSENKO, A.Ye.

Some improvement in the microcrystalloscopic detection of potassium in the form of triple potassium, copper, and lead nitrite. Zhur.anal.khim. 15 no.1:124 J-F 60. (MIRA 13:5)

1. Chernovitsky State University.

(Potassium--Analysis) (Potassium nitrite)

PROTSENKO, A.Ya., kand.biol.nauk

Virus diseases of potatoes. Zashch.rast.ot vred.i bol. 4
no.3:30-32 My-Je '59. (MIRA 13:4)
(Potatoes--Diseases and pests)
(Virus diseases of plants)

PROTSENKO, B.S.

Assembling rigid wide-span cross beams. Transp. stroi. 15
no.7:10 J1 '65. (MIRA 13:7)

PROTSENKO, B.S.

Operation of MKTS-2M trench excavators in winter conditions.
Transp.stroi. 15 no.10:53 0 '65.

(MIRA 18:12)

AUTHORITY : ZHUK
 AUTHORITY : ZHUK, PHYSIOLOGY, Plant Reviews, 1
 RES. GROUP : AD. ZHUK - BIOLOGIYA, NO. 4, 1959, p. 153-53

AUTHOR : Protsenko, Bogdan
 INSTIT. : Kiev Univ.
 TITLE : Changes in the State of the Plastid Inclusions in Different Tissues according to Frost Resistance as an Adaptation Criterion.

ORIG. FILE : Nauk. zap. Kiivsk. un-t, 1957, 16, No. 1, 55-52

ABSTRACT : Changes in the state of the green plastids were followed in the hibernation process in cuttings of the bark and wood of the peach, apricot, the green-gage plum, calvin white snow apple, Chinese and Antonov apples, ailanthus, beech, etc. The plastids were isolated from the young sections. From September - December, depending upon the wintering, there proceeded a reverse process of a reduced number of plastids, disappearance of

CARD: 1/3

COUNTRY
CATEGORY - PLANT PHYSIOLOGY.

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REF. JOUR. REF ZHUR - BULGARIA, NO. 4, 1959.

AUTHOR :
TITLE :

1959

FIG. 11, :

FIGURE

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PROTSENKO, D.F.

One property of invariant measurement. Soob. AN Gruz. SSR 22
no.5:519-520 My '59. (MIRA 12:11)

1. Akademiya nauk Gruzinskoy SSR, Vychislitel'nyy tsentr,
Tbilisi.

(Invariants)

PROTSENKO, D. F.

Cand Phys-Math Sci - (diss) "Integral equations of the Fredholm type in Stieltjes-Berkhill integrals." Tbilisi, Pub. Academy of Sciences Georgian SSR, 1961. 11 pp; (Academy of Sciences Georgian SSR, Tbilisi Mathematics Inst imeni A. M. Razmadze); 150 copies; free; (KL,6-61 sup,195)

PROTSENKO, Dmitriy Filippovich; MISHUSTINA, Polina Semenovna; VLASYUK,
P.A., akademik, otv. red.; KIREYEV, F.N., red.; POTOTSKAYA,
L.A., tekhn. red.

[Cold resistance of corn] Kholodostoikost' kukuruzy. Otv. red.
P.A.Vlasiuk. Kiev, Gossel'khozizdat, USSR, 1962. 210 p.
(MIRA 16:4)

1. Akademiya nauk Ukr. SSR i Vsesoyuznoy akademii sel'skokho-
zyaystvennykh nauk imeni V.I.Lenina (for Vlasyuk).
(Corn (Maize)) (Plants—Frost resistance)

PROTSENKO, D.F. [Protsenko, D.P.]; SIRENKO, L.A.

Dynamics of chlorophyll a and b and the activity of
chlorophyllase in apple trees of various winter hardiness.
Visnyk Kyiv.un. no.2. Ser.biol. no.1:37-41 '59. (MIRA 16:4)
(APPLE) (CHLOROPHYLL) (PLANTS--FROST RESISTANCE)

PROTSENKO, D.F.; SHMAT'KO, I.G.

Characteristics of the water balance of winter wheat. Bot.zhur. 48
no.2:211-215 F '63. (MIRA 16:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy,
Kiyev.

(Ukraine—Wheat—Water requirements)

2001

cutting

Conditions of callus differentiation in kok-saghis cuttings. D. F. PROZHENKO (Compt. Rend. Acad. Sci., U.S.S.R., 1946, 63, 100-71; Hort. Abs., 1947, 17, 105).—The results of experiments described indicate that commercial propagation of kok-saghis by cuttings is possible only when they are planted in autumn. 1224.54

19/19

1947

1947

Special features observed in the regeneration of cuttings of kok-naghis. D. F. PROZANSKO (Compt. Rend. Acad. Sci., U.S.S.R., 1946, 53, 273-6; Hort. Abs., 1947, 17, 105).—Propagation of kok-naghis by cuttings should be confined to a period when the temperature is such that the roots develop more rapidly than the leaves. In the Ukraine, this period is between September and the middle of November.

1228.54

1947

Plant

1947

Development of *Azotobacter* in the rhizosphere of kok-saghyz. D. F. Prozenko and M. D. Akremenko (Compt. Rend. Acad. Sci., U.S.S.R., 1946, **53**, 355-6; Hort. Abs., 1947, **17**, 105).—The intense development of *Azotobacter* on petri dishes with the selective Ashby medium after their inoculation with soil samples from under kok-saghyz indicates the presence of large quantities of *Azotobacter* in the rhizosphere of the plant, and shows that root secretions of kok-saghyz activate the growth of *Azotobacter*. Thus kok-saghyz, as a plant enriching the soil with nitrogen, is an excellent predecessor for other plants. 122832

PROTSENKO, D. F.

Mr., Botanical Gardens, Kiev State University, -1946-.

"Determination of Caloric Value as a Supplementary Method for Evaluating Winter Hardiness of Fruiters," Dok. AN, 55, No. 3, 1947

PROTSENKO, D.F., professor.

Effect of high and low temperature on the fermentation capacity
of some species of yeast. Nauk.zap.Kiev.un. 7 no.6:115-130 '48.
(MLRA 9:10)

(Fermentation) (Yeast) (Temperature--Physiological effect)

PROTSENKO, D. F.

Protsenko, D. F. and Polishchuk, L. K. "The effect of lowered temperatures upon the physiological processes of certain hothouse plants." Nauch. zapiski (Kievsk. gos. univ. im. Shevchenko), Vol. VII, Issue 6, 1949. p. 147-51. (Name of periodical in Ukrainian,

SO: U-4934, 29 Oct 53. (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

PROTSENKO, D.F., dotsent; SIDORENKO, M.V.

Anatomical characteristics of some cactuses. Nauk.zap.Kiev.un.
7 no.6:173-182 '48. (MLBA 9:10)

(Cactus)

PROTSENKO, D.F., professor.

Thirty years of Soviet agricultural and industrial microbiology.
Nauk.zap.Kiev.un. 7 no.6:183-197 '48. (MLBA 9:10)

(Microbiology)

PROTSENKO, D. F.

Effect of large doses of nitrogen on the growth and accumulation
of rubber in kok-saghyz. Nauk.sop.Kiev.un. 8 no.5:59-70 '49.
(MLRA 9:10)

(Kok-saghyz) (Plants--Effect of nitrogen on)

PROTSENKO, D.F.; DUBINSKAYA, G.M.; YADRINTSEVA, Ye.F.

Effect of growing conditions on the frost-resistance of winter
crops. Nauk.zap.Kiev.un. 8 no.5:91-116 '49. (MLRA 9:10)

(Wheat) (Plants--Frost resistance)

PROTSENKO, D.F.

Anatomical structure of the petiole as an indicator of the
drought-resistance of wild strawberries. *Nauk.sop.Kiev.un.*
8 no.5:141-146 '49. (MLBA 9:10)

(Botany--Anatomy) (Strawberries)

PROTSENKO, D.F.; KIROVA, K.A.

Changing the nature of yeast by cultivation. Nauk.zap.Kiev.un.
8 no.5:173-189 '49. (MLBA 9:10)

(Yeast)

PROTSSENKO, D. F.

USSR/Medicine - Literature
Medicine - Microorganisms

May/June 49

"Reviews of Foreign and Soviet Publications" 4 pp

"Mikrobiol" Vol XVIII, No 3

Reviews the Soviet works: "Fat Accumulation in Various Kinds of Yeast," D. F. Protsenko, Works of Kiev Technological Inst of Food Industry No 6, pp 79 - 81, 1947; "Factors in Nitrobacter Activity and Efficiency of a Biopreparation of Nitrobacterin," A. Ye. Fomin, Sci Record of Inst of Grain Econ of Southeast USSR for 1943 - 1945, Saratov, 1947; "Role of Microorganisms in the Formation and Metamorphasm of Petroleum," Works of L'vovsk Geol Soc, State U imeni I. Franko, Series of Petroleum Geol, No 1, pp 3 - 18, 1948; "Geochemical Bases of Petroleum Genesis," V. B. Porfir'yev, Works of L'vovsk Geol Soc, State U imeni I. Franko, Series of Petroleum Geol, No 1, pp 18-70 1948; "Diagnostics of Bacterioses in Beans," V. E. Porfir'yev and I. V. Grinberg, News of Acad Sci Armenian SSR, Natural Sciences, No 6, 1947. Reviews eight foreign publications.

PA 50/49T66

FRIDMAN, I. S.

Plants, Effect of Temperature on

Relation between the amount of storage matter and the frost-resisting property of fruit trees. Nauk. za . Kyiv. un. 9, no. 7, 1950.

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

PROSEKIN, D. I.

Botany -Physiology

Role of K. A. Timiriazev in the development of plant physiology. Nauk, zap. Kyiv. un.
9 no. 7:13-26, 1950.

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

PROTSENKO, D. F.

USSR (600)

Science

Practicum on plant physiology with the principles of microbiology, Kiev, Rad. shkola, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

PROTSENKO, D.F.; BOGOMAZ, Ye.I.

Effect of various conditions of soil moisture and mineral nutrition on
the growth of seedlings of red and durmast oaks. Nauk.zap.Kiev.un.12 no.7:
37-46 '53. (Oaks) (MLRA 9:10)

PROTSENKO, D.F., professor; BELOKON', I.P., dotsent, otvetstvennyy redaktor

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[Alkaloids; a lecture. Alkaloidy; lektsiia [Kiev] Izd-vo Kievskogo
gos. univ. im. T.G.Shevchenko, 1955. 18 p. (MLRA 9:8)
(Alkaloids)

PROTSENKO, D.F.

[The physiology of plants and the role of Soviet scientists in its development] Fiziologiya rastenii i rol' otechestvennykh uchenykh v ee razviti. [Kiev] Izd-vo Kievskogo Gos. univ., 1955. 77 p.
(Botany--Physiology) (MLRA 10:6)

PROTSENKO, D.F.; LYPA, A.L.

Basic tasks in organizing the new botanical garden of the University
of Kiev. Biul.Glav.bot.sada no.26:103-105 '56. (MLBA 10:2)

1. Kiyevskiy gosudarstvennyy universitet im.T.G.Shevchenko.
(Kiev--Botanical gardens)

PROTSENKO, D.F.; POLISHCHUK, L.K.

[Physiological and biochemical characteristics of frost-resistance
in fruit crops] O fiziologicheskikh i biokhimicheskikh osobennostyakh
morozostoikosti plodovykh kul'tur. [Kiev] Izd-vo Kievskogo gos.
universiteta, 1958. 117 p. (MIRA 11:6)
(Fruit cultures) (Plants--Frost resistance)

PROTSENKO, Dmitriy Filippovich, prof.; BMLOKOV, I.P., dotsent, otv. red.;
ORLIK, Ye.L., red.; KHOKHANOVSKAYA, T.I., tekhred.; OKOPNAYA,
Ye.D., tekhred.

[Cold resistance of fruit trees in the U.S.S.R.] Morozostoikost'
plodovykh kul'tur SSSR. Izd-vo gos.univ., 1958. 390 p.
(MIRA 12:3)

(Plants--Frost resistance) (Fruit trees)

OSTROVSKAYA, L.K., doktor biol. nauk, otv. red.; VLASYUK, P.A., akademik, red.; MANORIK, A.V., kand. biol. nauk, red.; KALININ, F.L., doktor biol. nauk, red.; OKANENKO, A.S., doktor biol. nauk, red.; PROTSENKO, D.F., doktor biol. nauk, red.; SIROCHENKO, I.A., doktor biol. nauk, red.; KAPITANCHUK, V.A., red.; MAKAROVA, G.M., red.

[Complexons as a means against lime-induced chlorosis of plants] Kompleksory kak sredstvo protiv izvestkovogo khloroza rastenii. Kiev, Naukova dumka, 1965. 194 p. (MIRA 18:7)

1. Institut fiziologii rasteniy AN Ukr.SSR (for Ostrovskaya). 2. AN Ukr.SSR (for Vlasyuk).

PROTSENKO, D.F.

Relationship between the two types of the Kolmogorov integral.
Soob. AN Gruz. SSR 40 no.2:271-278 N '65. (MIRA 19:1)

1. Vychislitel'nyy tsentr AN GruzSSR. Submitted Dec. 3, 1964.

L 32587-66

ACC NRAR5024088

SOURCE CODE: UR/0299/65/000/016/G002/G002

AUTHOR: Protsenko, D. F.; Sirenko, L. A.

TITLE: Peculiarities of pigmentation systems and photosynthesis in fruit crops with different frost-resistance.

SOURCE: Ref. zh. Biologiya, Abs. 16G7

REF SOURCE: Tr. 1-y Resp. nauchn. konferentsii fiziologov i bio-khimikov rast. Moldavii. Kishinev, Kartya Moldovenyaske, 1964, 90-101

TOPIC TAGS: agriculture, ^{SCIENCE} photosynthesis, chlorophyll, plant chemistry, plant physiology, enzyme

ABSTRACT: The photosynthesis intensity of the frost-resistant type of the common Antonovka apple tree (I) during August - October is higher than that of the non-frost-resisting Renet Simirenko (II). Throughout the year, the usual content of chlorophylls a and b (in weight units) in the skin, buds and leaves in the majority of cases is higher in I than in II. The exposure for 4 to 6 hours of the foliage disks to a 0.01% solution of $(NH_4)_2SO_4$ under dark or light conditions produce an increase in chlorophyll content in I and a decrease in II, particularly under light conditions. As a rule the carotenoid content and the activities of chlorophyllase, ascorbophyllase

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and peroxidase is decreased under light and increased under dark conditions. The authors explain the increase of photosynthesis intensity in I by the greater photoresistance of the chlorophyll-albumen complex and a higher level of oxidizing-reducing processes. The content of albumen in leaves before the end of August is greater in I, after which time it is greater in II. However, the accumulation of glucose is in reverse ratio: it is greater in II earlier in the year, and greater in I in the autumn. The authors recommend the use of the above indicated physiological-biological indexes for diagnosing the frost-resistant degree of plants in comparing them with local varieties and in selecting prospective hybrides. Orig. art. has: 27 references.
G. Il'kun

SUB CODE: 06/ SUBM DATE: none

LC

Card 2/2

PROTSENKO, D.F.; OSTAPLYUK, Ye.D.

Characteristics of resistance and winter hardiness of winter
wheat and rye. Nauch. dokl. vys. shkoly; biol. nauki no.2:
148-151 '65. (MIRA 18:5)

1. Rekomendovana kafedroy fiziologii i biokhimii rasteniy
Kiyevskogo gosudarstvennogo universiteta im. T.G. Shevchenko.

VLASYUK, P.A., akademik, otv. red.; OKANENKO, A.S., doktor biol. nauk, red.; MANORIK, A.V., kand. biol. nauk, red.; KALININ, F.L., doktor biol. nauk, red.; PROTSENKO, D.F., doktor biol. nauk, red.; SIROCHENKO, I.A., doktor sel'khoz. nauk, red.; KAPITANCHUK, V.A., red.; ANDRIYCHUK, M.D. red.

[Photosynthesis and crop yields] Fotosintez i produktivnost' rastenii. Kiev, Naukova dumka, 1965. 280 p.
(MIRA 18:6)

1. Akademiya nauk URSR, Kiev. Instytut fiziologii roslyn ta agrokhimii.

PROTSSENKO, D.F.; MISHUSTINA, P.S.; BELITSKAYA, Ye.K.

Some features of heterotic corn plants in connection with frost resistance. Fiziol. rast. 11 no.4:726-725 J1-Ag '62. (MIRA 17:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut fiziologii rasteniy AN UkrSSR, Kiyev.

PROTSENKO, D.F.; MININBERG, S.Ya.

"Practical work in the anatomy of plants" by R.P. Barykina
and others. Reviewed by D.F. Protsenko, S.IA. Mininberg.
Bot. zhur. 49 no.4:607-609 Ap'64. (MIRA 17:5)

1. Kiyevskiy gosudarstvennyy universitet.

PROTSENKO, D.F. [Protsenko, D.P.]; BOGOMAZ, K.I. [Bohomaz, K.I.];
KORSHUK, T.P.

Anthocyanins of the bark of fruit crops and their dynamics in a
year's time. Visnyk Kyiv.un. no.3. Ser.biol. no.1:56-62 '60.
(MIRA 16:4)

(ANTHOCYANIN)

(BARK)

(FRUIT TREES)

PROTSENKO, D.F.

Inversion formulae for iterated Stieltjes-Burkill integrals.
Soob. AN Gruz. SSR 30 no.1:3-9 Ja '63. (MIRA 17:1)

1. Vychislitel'nyy tsentr Tbilisi AN Gruzinskoy SSR.
Predstavleno akademikom N.P. Vekua.

PROTSENKO, D.F. [Protsenko, D.P.]; SIRENKO, L.A.; STETSENKO, N.M.

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Kyiv. un. no.4. Ser. biol. no.2:16-27'61. (MIRA 16:6)
(PHOTOSYNTHESIS) (PLANTS—FROST RESISTANCE)
(APPLE—VARIETIES)

PROTSENKO, D.F. [Protsenko, D.P.]; BOGOMAZ, Ye.I. [Bohomaz, K.I.]

Seasonal changes in pigments of the bark of fruit trees with
different frost resistance. Visnyk Kyiv. un no.5. Ser.biol.
no.1: 14-27 '62. (MIRA 16:5)
(BARK) (PIGMENTS) (PLANTS--FROST RESISTANCE)

PROTSENKO, D.F. [Protsenko, D.P.]; SIRENKO, L.A.

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(MIRA 16:4)

(APPLE--VARIETIES)

(PLANTS--FROST RESISTANCE)

VLASYUK, P.A.; PROTSENKO, D.F.; KOLOSHA, O.I.

Physiological principles of harvesting grain in separate stages.
Bot. zhur. 46 no.11:1638-1649 N '61. (MIRA 15:2)

1. Ukranskiy nauchno-issledovatel'skiy institut fiziologii
rasteniy, Kiyev.

(Grain--Harvesting)

PROTSENKO, D.F.

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(MIRA 14:5)

1. Akademiya nauk Gruzinskoy SSR, Vychislitel'nyy tsentr.
Predstavleno akademikom V.D. Kupradze.
(Integrals)

PROTSENKO, D.I., red.; SHLIKHT, A.A., tekhn.red.

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greenhouse plants. *Nauk.zap.Kiev.un.* 7 no.6:147-161 '48.

(MLRA 9:10)

(Plants, Effect of temperature on)

PROTSENKO, D. I.

FAYNBERG, A.I., kand.ekon.nauk; DOMBROVSKIY, A.A., kand.ekon.nauk;
POPOV, N.S., kand.ekon.nauk; SKVORTSOVA, N.T., kand.ekon.nauk;
STROGANOVA, T.A., kand.ekon.nauk. Prinsipali uchastiye: BGLOTINA,
O.A., kand.ekon.nauk; GUL'BINOVICH, M.I.. PROTSENKO, D.I., red.;
SALAZKOV, N.P., tekhn.red.

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Ekonomika, organizatsiia i planirovanie gorodskogo khoziaistva.
Pod obshchei red. A.I.Fainberga. Moskva, Izd-vo M-va kommun.
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(Municipal services)

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tekhnicheckiy redaktor

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goroda; iz opyta organizatsii ochistki Leningrada. Moskva, Izd-vo
M-va kommun.khoz. RSFSR, 1957. 63 p. (MIRA 10:11)
(Street-cleaning machinery)

LAPTEP, Yakub Isakovich, inzh.; PROTSENKO, D.I., red.; SHLIKHT, A.A.,
tekhn.red.

[New reinforced concrete ceiling elements for repairing
buildings] Novye zhelezobetonnye perekrytiia dlia remonta
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(MIRA 12:8)

(Ceilings)

(Precast concrete construction)

Protzenko, D.I.

VERT, Lev Vladimirovich; PROTSENKO, D.I., red.; GUROVA, O.A., tekhn.red.

[Safety engineering in the maintenance and repair of houses] Tekhnika
bezopasnosti pri ekspluatatsii i remonte zhilykh zdaniy. Moskva,
Izd-vo M-va kommun. khoz. RSFSR, 1957. 168 p. (MIRA 11:3)
(Building--Safety measures)

KARPOVTSEV, A.N., inzh.; PROTSENKO, D.L., inzh.

Equipment for making agloporite (lightweight concrete aggregate)
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(Aggregates (Building materials))

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(Aggregates (Building materials))

VLASYUK, P.A., akademik, otv. red.; MANORIK, A.V. [Manoryk, A.V.],
kand. biol. nauk, red.; OKANENKO, A.S., doktor biol. nauk,
red.; OSTROVSKAYA, L.K. [Ostrov's'ka, L.K.], doktor biol.
nauk, red.; KALININ, F.L., doktor biol. nauk, red.;
PROTSENKO, D.P., prof., red.; KAPITANCHUK, V.A., nauchn.
sotr., red.; BLANINA, L.F., red.; LAPCHENKO, K.P., tekhn.
red.

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(Plant physiology) (Plants, Cultivated)

PROTSENKO, D.P.

[Comparative characteristics of the salt resistance of fruit trees] Porivnial'na kharakterystyka solostiikosti plodovykh derev. Kyiv, Vyd-vo Kyivs'koho derzh.univ., 1956. 161 p.
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(Fruit culture) (Plants, Salts in)

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sistance of corn varieties and hybrids. Visnyk Kyiv. no.5. Ser.
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(PLANTS—FROST RESISTANCE) (CORN (MAIZE)—VARIETIES)

PROTSENKO, D.P., professor, doktor biologichnikh nauk.

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and dandelions. Nauk.zap.Kiev.un. 8 no.3:5-26 '49. (MLRA 9:10)

(Germination) (Kok-saghyz) (Dandelions)

PROTSENKO, D.P., professor.

Development of plants physiology at Kiev university. Pratsi Kyiv.un.
2:165-182 '54. (MLRA 10:1)

(Kiev--Botany--Physiology)
(Kiev-University--History)

VLASYUK, Petr Antipovich, akademik, zasl. deyatel' nauki USSR; PROTSENKO, D.P., doktor biolog. nauk, prof., otv. red.; LEUSKIY, A.V. [Leus'kyi, A.V.], red.; MATVIICHUK, O.A., tekhn. red.

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(MIRA 14:11)

1. Chlen-korrespondent Ukrain's'koy Akademii sel'skokhozyaystvennykh nauk (for Protsenko).

(Fertilizers and manures) (Trace elements)

PROTSENKO, D.P., professor, doktor biologichnikh nauk.

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8 no.3:27-31 '49. (MLRA 9:10)

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Protsenko, D. P.
USSR/Plant Physiology - Photosynthesis.

I-1

Abs Jour : Ref Zhur - Biol., No 5, 1958, 19924

Author : Protsenko, D.P. ---

Inst : -

Title : Air and Light Feeding of Plants.

Orig Pub : Kiiv, Klivsk. un-t, 1956, 71 stor.

Abstract : No abstract.

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PROTSENKO, D.P.

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17-27 '57 (MIRA 13:3)
(Ukraine--Botanical research)

PROTSENKO, D.P.

Changes in the state of plastids as a sign of adaptability in trees differing in their frost resistance. Nauk zap. Kyiv. un. 16 no.1:55-92 '57. (MIRA 11:6)

(Chromatophores) (Trees in winter)

PROTSENKO, D.P.

Friendship between Russian and Ukrainian phytophysiolgists.
Nauk.zap.Kiev.un. 13 no.6:13-26 '54. (MLRA 9:10)

(Botany--Physiology)

BABLYUK, Boris Timofeyevich, zhurnalist; PROTSENKO, E., red.; MUKHIN, Yu.,
tekhn. red.

[Skillful hands] Zolotye ruki. Moskva, Gos. izd-vo polit. lit-ry,
1961. 23 p. (MIRA 14:9)

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Bablyuk)
(Kostroma Province—Dairy workers)

YATKO, Mikola [Iatko Mykola , author's real name: Yatchenko, Nikolay Mi-
khaylovich]; PROTSENKO, E., red.; MUKHIN, Yu., tekhn. red.

[Queen of labor] Koroleva truda. Moskva, Gos. izd-vo polit. lit-
ry, 1961. 53 p. (MIRA 14:8)

(Corn (Maize))

SKOROBOGATOV, Vasilii Yefimovich; DZARAKHOKHOVA, Yekaterina Aleksandrovna;
PROTSENKO, E., red.; MUKHIN, Yu., tekhn. red.

[A self-made man from Koktereckiy District] Samorodok Kokterecka.
Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (MIRA 14:7)
(Koktereckiy District—Sheep breeding)

KHOKHLOV, Viktor Konstantinovich; PRŌTSENKO, E., red.; MUKHIN, Yu., tekhn.
red.

Annushka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 35 p.
(MIRA 14:7)

(Kostroma Province--Dairying)

USSR / Plant Diseases. Cultivated Plants. O

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58875.

Author : Protsenko, E. P.

Inst : Main Botanical Garden, AS USSR.

Title : A Recent Case of Joint Infection of Cereals by
Fungi and Nematodes.

Orig Pub: Byul. Gl. botan. sada AN USSR, 1957, vyp. 29, 91-93.

Abstract: In 1955, in the Main Botanical Garden of the Academy of Sciences USSR, there were discovered plants of the bent grass, *Agrostis tenuis* Sibth., with the characteristic black galls on the leaves and stems of the panicles. A microscopic examination indicated that, in some cases, the galls appear as stromata with pycnidia of the fungus *Dilophospora alopecuri* (Fr.) Fck.; in other cases, they are filled with nematodes, and in still other cases,

Card 1/2

USSR / Plant Diseases. Cultivated Plants.

O

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58875.

Abstract: the pycnidia and the spores of the fungus occur simultaneously with the nematodes. For the first time, *D. alopecuri* was studied on *Alopecurus pratensis* Fries in 1928. The fungus infects an entire genus of wild cereals. In a number of countries, the disease is known to affect wheat, rye, and oats. -- G. A. D'yakova.

Card 2/2

10

PROTENSKO, E. P.

Preservation of Gladiolus Bulbs (infected with Botrytis and Fusarium),
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SO - SIRA SI 90-53, 15 December 1953.

PROFESSOR, E. F.

Canker of potato, Sad i Ogorod, no. 6-7, 1946, pp. 65-67, 81 Sal3

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KAT'YANOV, V.; LOS', A.; PROTSENKO, F.; SHARIPOV, S.; zasluzhennyy uchitel;
proftekhobrazovaniya Tadzhikskoy SSR

News from schools. Prof. tekhn. obr. 19 no.4:32 Ap '62.
(MIRA 15:4)

1. Direktor uchilishcha mekhanizatsii sel'skogo khozyaystva
No.3, Yus'vinskiy rayon Permskoy oblasti (for Kat'yanov).
(Vocational education)

PROTSENKO, G. [Protsenko, H.]

Storming the icy parallels. Nauka i zhyttia 12 no.10:56-61
0 '62. (MIRA 16:1)
(Arctic regions--Russian exploration)

KAYNARSKIY, I.S.; DEGTYAREVA, E.V.; PINDRIK, B. Ye.; KUKHTENKO, V.A.;
KULAKOV, N.I.; BEL'CHENKO, B.I.; IVNITS'AYA, N.S.; SMORODA, I.M.;
SHAROV, M.F.; KOZIN, L.M.; KVASHA, A.S.; PELESHCHUK, M.I.; PRYAKHIN,
L.G.; LEVINA, L.I.; DANILOV, V.I.; DIDENKO, S.Yu. PROTSENKO, G.A.

Reducing dust formation from dinas bricks and dinas mortar.
Ogneupory 29 no.3:109-112 '64 (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Kaynarskiy, Degtyareva, Pindrik, Kukhtenko).
2. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy koksokhimicheskoy promyshlennosti (for Kulakov, Bel'chenko, Ivnit'skaya).
3. Vsesoyuznyy trest po stroitel'stvu i montazhu koksokhimicheskikh zavodov (for Peleshchuk, Pryakhin, Levina).
4. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda i professional'nykh zabolevaniy (for Danilov, Didenko, Protsenko).

PROTSENKO, G.A.

Effect of iron ore moisture on the dust content in the air.
Gor.zhur.no.11:56 N '55. (MLRA 9:1)
(Mine sanitation) (Iron mines and mining)