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No Dose	Abdel-Sabour, M. F., El Naggr, H. A., and Suliman, S. M. 1994. Use of Inorganic and Organic Compounds as Decontaminants for Cobalt T-60 and Cesium-134 by Clover Plant Grown on INSHAS Sandy Soil. Govt Reports Announcements & Index (GRA&I) 15, 17 p.
No Control	Adams, S. N. and Honeysett, J. L. 1964. Some Effects of Soil Waterlogging on the Cobalt and Copper Status of Pasture Plants Grown in Pots. Aust.J.Agric.Res. 15, 357-367
OM, pH	Adams, S. N., Honeysett, J. L., Tiller, K. G., and Norrish, K. 1969. Factors Controlling the Increase of Cobalt in Plants Following the Addition of a Cobalt Fertilizer 38333. Aust.J.Soil Res. 7, 29-42
No Dose	Agarwala, S. C., Bisht, S. S., and Sharma, C. P. 1977. Relative Effectiveness of Certain Heavy Metals in Producing Toxicity and Symptoms of Iron Deficiency in Barley. Can J Bot 55, 1299-1307
Media	Ahmed, M. B. and Twyman, E. S. 1953. The Relative Toxicity of Manganese and Cobalt to the Tomato Plant. J.Exp.Bot.(London) 4[11], 164-172
Media	Ahmed, S. and Evans, H. J. 1959. Effect of Cobalt on the Growth of the Soybeans in the Absence of Supplied Nitrogen. Biochem.Biophys.Res.Comm. 1[5], 271-275
Media	Ahmed, S. and Evans, H. J. 1960. Cobalt: A Micronutrient Element for the Growth of Soybean Platns Under Symbiotic Conditions. Soil Sci 90, 205-210
Mix	Alberici, T. M., Sopper, W. E., Storm, G. L., and Yahner, R. H. 1989. Trace Metals in Soil Vegetation and Voles from Mine Land Treated with Sewage Sludge. J Environ Qual 18, 115-120
Mix	Alegria, A., Barbera, R., Boluda, R., Errecalde, F., Farre, R., and Lagarda, M. J. 1992. Relationship Between Cobalt, Copper and Zinc Content of Soils and Vegetables. Nahrung 36[5], 451-460
FL	Aleshin, E. P., Sheudzhen, A. K., Doseeva, O. A., and Rymar, V. T. 1987.

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	Photosynthetic and Respiratory Activity in Rice Leaves as a Function of Cobalt Supply to the Plants. Dokl.Vses.Akad.Sel'skokhoz.Nauk 2, 15-17
Media	Amir, Hamid and Pineau, Rene. 1998. Effects of metals on the germination and growth of fungal isolates from new caledonian ultramafic soils. Soil Biology & Biochemistry 30[14], 2043-2054
Mix	Anderson, A. J., Meyer, D. R., and Mayer, F. K. 1973. Heavy Metal Toxicities: Levels of Nickel, Cobalt, and Chromium in the Soil and Plants Associated with Visual Symptoms and Variation in Growth of an Oat Crop. Aust.J.Agric.Res. 24, 557-571
Mix	Andreae, H. Verteilung Von Schwermetallen In Einem Forstlich Genutzten Wassereinzugsgebiet Unter Dem Einfluss Saurer Deposition Am Beispiel Der Soesemulde (Westharz). (Distribution Of Heavy Metals In A Wood Culture Water Catchment Area Under The Influence Of Acid De. Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-21,-1995
OM, pH	Askew, H. O. and Dixon, J. K. 1937. Influence of Cobalt Top-Dressing on the Cobalt Status of Pasture Plants. N.Z.J.Sci.Technol. 18, 688-693
FL	Astapovich, N. I. and Grel, M. V. 1975. Effects of Various Cobalt Salts and Their Concentrations on the Activity of Pectolytic Enzymes Systemized by Microscopic Fungi. Biol.Akt.Veshchestva Mikroorg. 36-39
FL	Austenfeld, F. A. 1979. Effects of Nickel, Cobalt and Chromium on Net Photosynthesis of Primary and Secondary Leaves of Phaseolus vulgaris L. (Nettophotosynthese der Primarund Folgeblatter von Phaseolus vulgaris L. unter dem Einfluss von Nickel, Kobalt und Chrom). Photosynthetica 13[4], 434-438
Media	Baker, A. J. M., Brooks, R. R., Pease, A. J., and Malaisse, F. 1983. Studies on Copper and Cobalt Tolerance in Three Closely Related Taxa Within the Genus Silene L. (Caryophyllaceae) from Zaire. Plant Soil 73, 377-385
Media	Barker, A. V. and Corey, K. A. 1991. Interrelationships of ammonium toxicity and ethylene action in tomato. Hortscience. 26[2], 177-180
Media	Berry, W. L. 1978. Comparative Toxicity of VO3, CrO2-4, Ni2+, Cu2+, Zn2+, and

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	Cd2+ to Lettuce Seedlings. In: D.C.Adriano and I.L.Brisbin,Jr.(Eds.), Environmental Cemistry and Cycling Processes, Proc.Symp.Held at Augusta, Georgia, April 18-May 1, 1976, Tech.Info.Center, U.S.Dep of Energy (U.S.NTIS CONF-760429) , 582-589
Media	Bittell, J., Koeppe, D. E., and Miller, R. J. 1974. Sorption of Heavy Metals Cations by corn Mitochondria and the Effects on Electron and Energy Transfer Reactions. Physiol Plant 30, 226-230
Species	Blankenship, M. L. and Wilbur, K. M. 1975. Cobalt Effects on Cell Division and Calcium Uptake in the Coccolithophoroid Cricosphaera carterae (Haptophyceae) 38589. J.Physiol. 11, 211-219
Media	Bobak, M. 1974. Influence of Exogenous Added Cobalt upon the Submicroscopic Structure and the Chromosomes of Meristematic Cells of the Horse Bean (Vicia faba L.,C.V. Zborovicky). Physiol.Plant. 8, 17-24
Media	Bolle-Jones, E. W. and Mallikarjuneswara, V. R. 1957. A Beneficial Effect of Cobalt on the Growth of the Rubber Plant (Hevea brasiliensis). Nature 179, 738-739
Rev	Bozhenkov, V. P. 1968. Effect of Aluminum and Cobalt on the Nucleic Acid Content and Ribonuclease Acitivty in the Growth Points of Sunflower Under Water Deficit Conditions 37728. Russ.J.Plant Physiol.(Transl.of Fiziol.Rast.15(1):116-122) 68, 94-99
Media	Brenchley, W. E. 1938. Comparative Effects of Cobalt, Nickel and Copper on Plant Growth. Ann.Appl.Biol. 25[4], 671-694
Dup	Brenchley, W. E. 1938. Comparative Effects of Cobalt, Nickel, and Copper on Plant Growth 40004. Ann.Appl.Biol. 25[4], 671-694
No Control	Brooks, R. R. 1977. Copper and Cobalt Uptake by Haumaniastrum Species. Plant Soil 48, 541-544
Rev	Brooks, R. R., Reeves, R. D., Morrison, R. S., and Malaisse, F. 1980. Hyperaccumulation of Copper and Cobalt: A Review. Bull.Soc.R.Bot.Belgique 113, 166-172
FL	Burca, S., Cachita-Cosma, D., Craciun, C., and Trifu, M. 1984. Modifications

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	Caused by the Trace Elements Manganese and Cobalt in the Ultrastructure of the Roots of Tomato Seedlings (Modificari Cauzate de Microelementele Mangansi Cobalt in Ultrastructura Radacinilor Plantulelor de Tomate). Stud.Univ.Babes-Bolyai.Biol. 29, 27-34
No Dose	Cataldo, D. A. and Wildung, R. E. 1978. Soil and Plant Factors Influencing the Accumulation of Heavy Metals by Plants. Environ.Health Perspect. 27, 149-159
No Dose	Cataldo, D. A., Fellows, R. J., and Harvey, S. D. 1996. Evaluation of the Metabolic Fate of Munitions Material (TNT RDX) in Plant Systems and Initial Assessment of Material Interaction with Plant Genetic Material. Govt Reports Announcements & Index (GRA&I), (8):
FL	Celardin, F. and Landry, J. C. 1988. Bioindicators of pollution earthworms and heavy metals in soil. ARCH SCI (GENEVA).Archives des Sciences (Geneva).41 (2).1988.225-228. 41[2], 225-228
No Dose	Chatterjee, J. and Chatterjee, C. 2000. Phytotoxicity of Cobalt, Chromium and Copper in Cauliflower. Environ.Pollut. 109[1], 69-74
No Tox	Clapp, R. B. Annual Report Of The Environmental Restoration Monitoring And Assessment Program At Oak Ridge National Laboratory For Fy 1992. Environmental Restoration Program. Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-09,-1993
Media	Clark, R. B., Pier, P. A., Knudsen, D., and Maranville, J. W. 1981. Effect of Trace Element Deficiencies and Excesses on Mineral Nutrients in Sorghum. J.Plant Nutr. 3[1-4], 357-374
Rev	Cole, C. J. and Carson, B. L. 1981. Cobalt in the Food Chain. In: I.C.Smith, and B.L.Carson (Eds.), Trace Metals inthe Environment, Volume 6, Cobalt, Ann Arbor Science Publ.Inc., Ann Arbor, MI , 777-924
No Control	Crossley, D. A. J., Blood, E. R., Hendrix, P. F., and Seastedt, T. R. 1995. Turnover of Cobalt-60 by Earthworms (Eisenia foetida) (Lumbricidae, Oligochaeta). Appl.Soil Ecol. 2[2], 71-75
FL	Danilova, T. A. and Demkina, E. N. 1967. The Role of Cobalt in Nitrogen

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	Accumulation by Leguminosae. Dokl.Akad.Nauk 172[2], 487-490
FL	Danilova, T. A., Tishchenko, I. V., and Demikina, E. N. 1969. Some Characteristic Effects of Cobalt on Peas. Agrokhimiya 1, 85-89
Media	Dekock, P. C. 1956. Heavy Metal Toxicity and Iron Chlorosis. Ann.Bot. 20[77], 133-141
Media	Doncheva, S. 1992. Qualitative and structural changes in maize plant root cells under increased concentrations of manganese and cobalt. Dokl.Bulg.Akad.Nauk. 45[8], 119-122
OM, pH	Fischer, Erno and Molnar, Laszlo. 1997. Growth and reproduction of Eisenia fetida (oligochaeta, lumbricidae) in semi-natural soil containing various metal chlorides. Soil Biol Biochem 29[3/4], 667-670
Media	Gabbrielli, R., Mattioni, C., and Vergnano, O. 1991. Accumulation Mechanisms and Heavy Metal Tolerance of a Nickel Hyperaccumulator. J.Plant Nutr. 14[10], 1067-1080
Media	Gerendas, J., Polacco, J. C., Freyermuth, S. K., and Sattelmacher, B. 1998. Co does not replace Ni with respect to urease activity in zucchini (Cucurbita pepo convar. giromontiina) and Soybean (Glycine max). Plant Soil 203[1], 127-135
No Control	Gerzabek, M. H., Mohamad, S. A., Mueck, K., and Horak, O. 1994. 60Co, 63Ni and 94Nb Soil-to-Plant Transfer in Pot Experiments. J.Environ.Radioact. 25, 205-212
No Dur	Gheesling, S. E., Gideon, J. C., Gregory, S. M., Hamilton, L. V., and Horwedel, B. M. Environmental Surveillance Data Report For The First Quarter Of 1993. Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-16,-1994
No Dur	Gheesling, S. E., Gideon, J. C., Gregory, S. M., Hamilton, L. V., and Loffman, R. S. Environmental Surveillance Data Report For The Second Quarter Of 1993. Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-15,-1994
FL	Godnev, T. N. and Leshina, A. V. 1967. After Effects of Molybdenum and Cobalt on Peas. Dokl Akad.Nauk Beloruss. 11[4], 359-361

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No Dur	Goldberg, P. Y., Cooper, R. C., Hamilton, L. V., Hughes, J. F., and Horwedel, B. M. Environmental Surveillance Data Report For The First Quarter Of 1992. Govt-Reports-Announcements-&-Index-(GRA&I),-Issue-15,-1993
FL	Gorid'ko, I. V. 1967. The Effect of Cobalt on Water Content, Water Retention, and Transporation of Potato Leaves. Nauchn.Dokl.Vyssh.Skh.Biol.Nauki 3, 84-87
Media	Gorsuch, J. W., Kringle, R. O., and Robillard, K. A. 1990. Chemical Effects on the Germination and Early Growth of Terrestrial Plants. In: W.Wang, J.W.Gorsuch., and W.R.Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA , 49-58
Media	Grover, S. and Purves, W. K. 1976. Cobalt and Plant Development Interactions with Ethylene in Hypocotyl Growth. Plant Physiol. 57, 886-889
Mix	Grummitt, W. E. 1976. Transfer of Cobalt-60 to Plants from Soils Treated with Sewage Sludge. In: C.E.Cushing,Jr.(Ed.), Radioecology and Energy Resources, Dowden, Hutchinson, and Ross, Stroudsburg, PA , 331-335
Media	Halsall, D. M. 1977. Effects of Certain Cations on the Formation and Infectivity of Phytophthora Zoospores. 2. Effects of Copper, Boron, Cobalt, Manganese, Molybdenum, and Zinc Ions. Can.J.Microbiol. 23[8], 1002-1010
Media	Handreck, K. A. and Riceman, D. S. 1969. Cobalt Distribution in Several Pasture Species Grown in Culture Solution. Aust.J.Agric.Res. 20, 213-226
Mix	Hewitt, E. J. and Bolle-Jones, E. W. 1951. Investigations on Possible Micronutrient Elements for Higher Plants. I. Experiments with Cobalt, Nickel and Gallium in Sand Culture. Ann.Rep.Agric.Hortic.Res.Sta., Long Ashton, Bristol, England , 62-66
Species	Hodgson, J. F. 1969. Effect of Iron Removal on Cobalt Sorption By Clays. Soil Sci. 108[6], 391-396
Media	Howard, B. and Simkiss, K. 1981. Metal Binding by Helix aspersa Blood. Comp Biochem Physiol 70A, 559-561
Media	Imai, I. and Siegel, S. M. 1973. A Specific Response to Toxic Cadmium Levels in Red Kidney Bean Embryos. Physiol.Plant. 29, 118-120

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FL	Ishchenko, G. S. and Butnik, A. S. 1991. The influence of cobalt and cadmium on the growth, development and crops of the basic cultivated plants in central Asia. Uzb.Biol.Zh. [5], 30-33
Media	Jacobs, E. E., Jacob, M., Sanandi, D. R., and Bradley, L. B. 1956. Uncoupling of Oxidative Phosphorylation by Cadmium Ion. Journal of Biological Chemistry 223, 147-156
Species	Jardine, P. M. and Jacobs, G. K. 1991. Unsaturated Transport Of Inorganic Cations In Undisturbed Soil Columns. Gov.Rep.Announce.Index Issue 14
Media	Jarosik, J., Zvara, P., Konecny, J., and Obdrzalek, M. 1988. Dynamics of Cobalt-60 Uptake by Roots of Pea Plant (Pisum sativum). Sci.Total Environ. 71, 225-229
Media	Jaworska, M., Gorczyca, A., Sepiol, J., and Tomasik, P. 1997. Effect of Metal Ions on the Entomopathogenic Nematode Heterohabditis becteriophora poinar (Nematode: Heterohabditidae) Under Laboratory Conditions. Water Air Soil Pollut 93, 157-166
FL	Kalashnikova, E. V. Cobalt and cadmium accumulation in the yield of several crops in plant irradiation carried out on soils polluted with heavy metals. Agrokhimiya.Agrokhimiya.0 (9).1991.77-82.
FL	Kamenova, S. M. Y., Kudrev, T. G., and Shakhpazova, L. K. A. 1983. Effect of Cobalt and Mercury on Some Maize Plant Reactions. Fiziol.Rast. 9, 78-82
OM, pH	Khan, M. R., Singh, S. K., and Khan, M. W. 1988. Response of Lentil to Cobalt as a Soil Pollutant. Ann.Appl.Biol. 112[Suppl], 104-105
OM, pH	Khan, M. R., Khan, M. W., and Nabi, S. T. 1994. Effect of cobalt, a soil-pollutant, on hatching, mortality and penetration of root-knot nematode, Meloidogyne incognita. Chem.Environ.Res. 3[3/4], 265-269
OM, pH	Khan, M. W. and Salam, M. A. 1990. Interactions of Meloidogyne-javanica Fusarium-udum and Rhizobium on pigeon pea in the presence of nickel and cobalt as pollutants. Ann.Appl.Biol. 116[3], 549-556
Media	Khan, Mujeebur Rahman, Khan, M. Wajid, and Singh, Kamal. 1996. Growth performance of chickpea under the influence of nickel and cobalt as soil pollutants.

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	J.Indian Bot.Soc. 75[3/4], 193-196
OM	Kloke, A. and Egels, W. 1976. Effect of Excess Fertilization with Boron, Cobalt, Copper Manganese, and Zinc on the Content of These Elements in Soil and Plants 38813. Dokl.Zarub.Uchastnikov-Mezhdunar.Kongr.Miner.Udobr., 8th 2[4/5], 115-121
Media	Komczynski, L., Nowak, H., and Rejniak, L. 1963. Effect of Cobalt, Nickel and Iron on Mitosis in the Roots of the Broad Bean (Vicia faba). Nature 198[4884], 1016-1017
No Control	Kramer, James R., Adams, Nicholas W. H., Manolopoulos, Helen, and Collins, Pamela V. 1999. Silver at an old mining camp, Cobalt, Ontario, Canada. Environ.Toxicol.Chem. 18[1], 23-29
OM, pH	Kubota, J., Lemon, E. R., and Allaway, W. H. 1963. The Effect of Soil Moisture upon the Uptake of Molybdenum, Copper and Cobalt by Alsike Clover. Soil Sci.Soc.Am.Proc. 27, 679-683
Media	Lane, I. and Puckett, K. J. 1979. Responses of the Phosphatase Activity of the Lichen Cladina rangiferina to Various Environmental Factors Including Metals. Can.J.Bot. 57, 1534-1540
FL	Leshina, A. V. 1969. Effect of the Presowing Treatment of Seeds with Cobalt and Molybdenum Salts on Some Physiological and Biochemical Indexes of Leguminous Crops. Botanika 11, 179-183
FL	Lipskaya, G. A. 1970. Anatomo-Cytological Features of Cucumber Leaves in the Presence of Cobalt and Manganese in the Nutrient Mixture 37794. Fiziol.Rast. 17[5], 997-1003 (RUS)
FL	Lipskaya, G. A. 1970. Accumulation of Chlorophyll in Sugar Beet Chloroplasts Under the Influence of Cobalt Applied Separately and Together with Boron, Manganese, Copper, Zinc, and Molybdenum. Agrokhimiya 2, 105-110
FL	Lipskaya, G. A. 1971. Accumulation of Chlorophyll in Chloroplasts of Cucumber Leaves Under the Effect of Cobalt and Manganese Applied Separately and Together. Biol.Nauki 15[1], 14-20

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FL	Lipskaya, G. A., Matvyeyentsava, V. S., and Sergeichik, S. A. 1972. Effect of Cobalt on Accumulation of Various Forms of Chlorophyll. Dokl.Akad.Nauk.B SSR 116, 70-72
FL	Lipskaya, G. A., Matvyeyentsava, V. S., and Charkaskaya, S. K. 1973. Effect of Various Combination of Cobalt with Other Trace Elements on the Change of Activity of the Hill Reaction. Vysti.Akad.Nauk.B.SSR Syer.Biyal.Navuk. 2[2], 32-36
FL	Lipskaya, G. A. 1974. Effect of Cobalt and Heteroauxin on the Morphology and Structure of a Barley Leaf. Vestsi Akad.Navuk Belaruski , Ser.Biyal.Navuk, No.2 , 121-123
FL	Lipskaya, G. A. 1988. Morphofunctional Characteristics of the Photosynthetic Apparatus of the Growing Barley Leaf Under the Effect of Cobalt and Auxin. Fiziol.Biokhim.Kul't.Rast. 20[3], 241-246
FL	Lipskaya, G. A. 1988. Effect of cobalt and auxin on morphological and functional characteristics of the photosynthetic apparatus of growing barley leaves. Fiziol.Biokhim.Kul't.Rast. 20[3], 241-245
FL	Lipskaya, G. A. 1990. Development of the Photosynthetic Apparatus in Barley Grown from Seeds Varied in Cobalt Content Under Sterile and Non-Sterile Conditions. Fiziol.Rast. 37[4], 668-674
Media	Lui, Donghua, Jiang, Wusheng, Wang, Wei, and Zhai, Lin. 1995. Evaluation of metal ion toxicity on root tip cells by the allium test. Israel Journal of Plant Sciences 43, 125-133
OM	McKenzie, R. M. 1978. The Effect of Two Manganese Dioxides on the Uptake of Lead, Cobalt, Nickel, Copper and Zinc by Subterranean Clover. Aust.J.Soil Res. 16[2], 209-214
Mix	Memon, A. R., Ito, S., and Yatazawa, M. 1980. Taxonomic Characteristics in Accumulating Cobalt and Nickel in the Temperate Forest Vegetation of Central Japan. Soil Sci.Plant Nutr. 26[2], 271-280
Media	Millikan, C. R. 1948. Effect of Molybdenum on the Severity of Toxicity Symptoms

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	in Flax Induced by an Excess of Either Manganese, Zinc, Copper, Nickel or Cobalt in the Nutrient Solution. J.Aust.Inst.Agric.Sci. 5, 180-186
Media	Millikan, C. R. 1949. Effects of Flax of a Toxic Concentration of Boron Iron, Molybenum, Aluminum, Copper, Zinc, Cobalt, or Nickel in the Nutrient Solution. R Soc Victoria Proc 61, 25-42
No Control	Mitchell, R. L. 1945. Cobalt and Nickel in Soils and Plants. Soil Sci. 60, 63-70
Media	Moreno-Caselles, J., Perez-Espinosa, A., Perez-Murcia, M. D., Moral, R., and Gomez, I. 1997. Effect of Increased Cobalt Treatments on Cobalt Concentration and Growth of Tomato Plants. J.Plant Nutr. 20[7/8], 805-811
Media	Moreno-Caselles, J., Perez-Espinosa, A., Perez-Murcia, M. D., Moral, R., and Gomez, I. 1998. Cobalt-Induced Stress in Soilless Lettuce Cultivation: I. Effect on Yield and Pollutant Accumulation. Acta Hortic. 458, 239-242
Media	Moreno-Caselles, J., Perez-Espinosa, A., Perez-Murcia, M. D., Moral, R., and Gomez, I. 1998. Cobalt-induced stress in soilless lettuce cultivation: II. Effect on nutrient evolution. Acta Hortic., V458, NWater Quality and Quantity in Greenhouse Horticulture , 243-246
No Control	Morrison, R. S., Brooks, R. R., Reeves, R. D., and Malaisse, F. 1979. Copper and Cobalt Uptake by Metallophytes from Zaire. Plant Soil 53, 535-539
OM, pH	Neuhauser, E. F., Meyer, J., Malecki, M. R., and Thomas, J. M. 1984. Impact of Dietary Cobalt Supplements on Growth and Reproduction in the Earthworm Eisenia foetida. Soil Biol Biochem 16[5], 521-523
Media	Okamoto, K., Suzuki, M., Fukanim, M., Toda, S., and Fuwa, K. 1977. Heavy Metal Tolerance of Penicillium Ochro-Chloron II. Uptake of Heavy Metals by Copper Tolerant Fungus Penicillium Ochro-Chloron. Agric.Biol.Chem. 41, 17-22
Media	Paliouris, G. and Hutchinson, T. 1991. Arsenic, Cobalt and Nickel Tolerances in Two Populations of Silene vulgaris (Moench) Garcke from Ontario, Canada. New Phytol. 117, 449-459
Rev	Palit, S., Sharma, A., and Talukder, G. 1994. Effects of Cobalt on Plants. Bot.Rev.

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	60[2], 149-181
Media	Patel, P. M., Wallace, A., and Mueller, R. T. 1976. Some Effects of Copper, Cobalt, Cadmium, Zinc, Nickel, and Chromium on Growth and Mineral Element Concentration in Chrysanthemum. J.Am.Soc.Hortic.Sci. 101[5], 553-556
OM, pH	Patterson III, W. A. and Olson, J. J. 1982. Effects of Heavy Metals on Radicle Growth of Selected Woody Species Germinated on Filter Paper, Mineral and Organic Soil Substrates. Can J For Res 13, 233-238
OM	Patterson III, W. A. and Olson, J. J. 1983. Effects of Heavy Metals on Radicle Growth of Selected Woody Species Germinated on Filter Paper, Mineral and Organic Soil Substrates. Can.J.For.Res. 13, 233-238
FL	Poletaeva, V. F. 1969. Effect of Cobalt on Fusarium Cotton Wilt. Izv.Akad.Nauk Turkm.SSR, Ser.Biol.Nauk, 71[3], 73-74
Media	Puckett, K. J., Nieboer, E., Gorzynski, M. J., and Richardson, D. H. S. 1973. The Uptake of Metal Ions by Lichens: A Modified Ion-Exchange Process. New Phytol 72, 329-342
Media	Rauser, W. E. 1978. Early Effects of Phytotoxic Burdens of Cadmium, Cobalt, Nickel and Zinc in White Beans. Can.J.Bot. 56, 1744-1749
Media	Rauser, W. E. and Dumbroff, E. B. 1981. Effects of Excess Cobalt, Nickel and Zinc on the Water Relations of Phaseolus vulgaris. Environ.Exp.Bot. 21[2], 249-255
Media	Reisenauer, H. M. 1960. Cobalt in Nitrogen Fixation by a Legume. Nature (London) 186[4722], 375-376
Media	Reisenauer, H. M. 1960. Cobalt in Nitrogen Fixation by a Legume. Nature 186, 375-376
No Control	Romney, E. M. and Toth, S. J. 1954. Plant and Soil Studies with Radioactive Manganese. Soil Sci. 77, 107-117
No COC	Rosolem, C. A. and Caires, E. F. 1998. Yield and Nitrogen Uptake of Peanuts as Affected by Lime, Cobalt, and Molybdenum. J.Plant Nutr. 21[5], 827-835

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OM	Rossiter, R. C., Curnow, D. H., and Underwood, E. J. 1948. The Effect of Cobalt Sulphate on the Cobalt Content of Subterranean Clover (Trifolium subterraneum L. var. Dwalganup) at Three Stages of Growth 20464. J.Aust.Inst.Agric.Sci. 14[1], 9-14
Mix	Sanglimsuwan, Sarunya, Yoshida, Naoto, Morinaga, Tsutomu, and Murooka, Yoshikatsu. 1993. Resistance to and uptake of heavy metals in mushrooms. Journal of Fermentation and Bioengineering 75[2], 112-114
Media	Sarada, R. L. and Polasa, H. 1992. Effect of Manganese, Copper and Cobalt on the In Vitro Growth of R. leguminosarum-2001 and on the Symbiotic Nitrogen Fixation in Lentil Plants. Indian J.Agric.Res. 26[4], 187-194
FL	Semina, P. M. 1967. The Action of Cobalt on Chlorophyll Accumulation, the Intensity of Photosynthesis, and the Seed Crop of Buckwheat. Nauchn.Dokl.Vyssk.Shk.Biol.Nauki 3, 80-83
FL	Semina, P. M. 1970. Effect of Cobalt on the Water Regime of Buckwheat. Biol.Nauki No.6 , 69-72
Media	Shaukat-Ahmed. and Evans, H. J. 1961. The Essentiality of Cobalt for Soybean Plants Grown Under Symbiotic Conditions. Proc.Natl.Acad.Sci. 47, 24-36
OM	Sheppard, M. I. and Sheppard, S. C. 1985. Concentrations and Concentrations Ratios of U, As and Co in Scots Pine Grown in a Waste-Site Soil and an Experimentally Contaminated Soil 47149. Water Air Soil Pollut 26[1], 85-94
OM, pH	Sheppard, M. I., Thibault, D. H., and Sheppard, S. C. 1985. Concentrations and Concentration Ratios of U,As and Co in Scots Pine Grown in a Waste-Site Soil and an Experimentally Contaminated Soil 47150. Water Air Soil Pollut 26[1], 85-94
Mix	Shinonaga, Taeko and Ambe, Shizuko. 1998. Multitracer study on absorption of radionuclides in atmosphere-plant model system. Water Air and Soil Pollution 10[1-4], 93-103
FL	Shklyaev, Y. N. 1978. Effect of Top Dressing with Cobalt-60 and Carbon-14

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	Distribution in Vetch Plants (Vliyanie Nekornevoi Podkormki Kobal'tom na Raspredelenie 60co i 14C v Rasteniyakh Viki). Agrokhimiya 1, 115-118
In Vit	Siegel, S. M. 1977. The Cytotoxic Response of Nicotiana Protoplast to Metal Ions: A Survey of the Chemical Elements. Water Air Soil Pollut 8[1-4], 293-304
Rev	Suttle, N. F. 1988. The Role of Comparative Pathology in the Study of Copper and Cobalt Deficiencies in Ruminants. J Comp Pathol 99, 241-258
FL	Tanaka, A., Tadano, T., and Ebine, Y. 1978. Comparison of Adaptability to Heavy Metals Among Crop Plants. III. Adaptability to Nickel and Cobalt. Nippon Dojo Hiryogaku Zasshi 49[4], 314-320
Media	Tiffin, L. O. 1967. Translation of Manganese, Iron, Cobalt and Zinc in Tomato. Plant Physiol. 42, 1427-1432
Mix	Tolle, Duane A., Arthur, Mickey F., Chesson, Jean, and Van Voris, Peter. 1985. Comparison of pots versus microcosms for predicting agroecosystem effects due to waste amendment. Environ.Toxicol.Chem. 4[4], 501-509
FL	Torshin, S. P., Yagodin, B. A., Klinskii, G. D., Goncharuk, E. A., Kalashnikova, E. A., and Udel'nova, T. M. 1997. Effects of selenium and cobalt on chemical composition, seed germination and formation of seedlings in lettuce. Agrokhimiya [1], 36-42
Media	Tso, T. C., Sorokin, T. P., and Engelhaupt, M. E. 1973. Effects of Some Rare Elements on Nicotine Content of the Tobacco Plant. Plant Physiol 51, 805-806
FL	Uesaka, S., Takahashi, H., and Chang, T. Y. 1953. Importance of Trace Elements in Farm Animal Feeding. II. Effect of Addition of Iron, Cobalt, and Fluorine on Propagation of Antinomycetes. Bull.Res.Inst.Food Sci., Kyoto Univ. 12, 15-23
Rev	Vanselow, A. P. 1966. Cobalt. In: H.D.Chapman (Ed.), Diagnostic Criteria for Plants and Soils, University of California, Berkeley, CA , 142, 153-142, 156
Media	Veltrup, W. 1979. The Effect of Ni2+, Cd2+, and Co2+ on the Uptake of Copper by Intact Barley Roots. Z.Pflanzenphysiol. 93, 1-9

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Media	Venkatarayappa, T., Tsujita, M. J., and Murr, D. P. 1980. Influence of Cobaltous Ion (Co2+) on the Postharvest Behavior of 'Samantha' Roses. J.Am.Soc.Hortic.Sci. 105[2], 148-151
Media	Venkateswerlu, G. and Sastry, K. S. 1973. Interrelationships in Trace-Element Metabolism in Metal Toxicities in a Cobalt-Resistant Strain of Neurospora crassa. Biochem.J. 132[4], 673-680
Media	Vergnano, O. and Hunter, J. G. 1952. Nickel and Cobalt Toxicities in Oat Plants 20391. Ann.Bot.(London) 17[66], 317-328
OM	Vernano, O. and Hunter, J. G. 1952. Nickel and Cobalt Toxicities in Oat Plants. Ann.Bot. 17, 317-328
FL	Volkorezov, V. I. 1968. Pretreatment of Pinus sylvestris with Cobalt Sulfate 38625. Uch.Zap.Gor'k Univ. 90, 114-117
Media	Von Rosen, G. 1964. Mutations Induced by the Action of Metal Ions in Pisum. II. Further Investigations on the Mutagenic Action of Metal Ions and Comparison with the Activity of Ionizing Radiation. Hereditas 51, 89-134
FL	Von Scharrer, K. and Schropp, W. 1933. Sand and Water Culture Experiments with Nickel and Cobalt (Sand- und Wasserkulturversuche mit Nickel und Kobalt) 20392. Z.Pflanzenernaehr.Dung.Bodenkd. 31A, 94-113 (GER)
OM	Wallace, A. and Mueller, R. T. 1973. Effects of Chelated and Nonchelated Cobalt and Copper on Yields and Microelement Composition of Bush Beans Grown on Calcareous Soil in a Glasshouse 38352. Soil Sci.Soc.Am.Proc. 37, 907-908
No Dose	Wallace, A., Mueller, R. T., and Alexander, C. V. 1976. High Levels of Four Heavy Metals on the Iron Status of Plants. Comm.Soil Sci.Plant Anal. 7[1], 43-46
Media	Wallace, A., Alexander, G. V., and Chaudhry, F. M. 1977. Phytotoxicity of Cobalt Vanadium Titanium Silver and Chromium. Comm.Soil Sci.Plant Anal. 8[9], 751-756
Media	Wallace, A., Alexander, G. V., and Chaudry, F. M. 1977. Phytotoxicity of Cobalt, Vanadium, Titanium, Silver, and Chromium. Commun.Soil Sci.Plant Anal. 8[9],

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	751-756
Meth	Wallace, A., Romney, E. M., and Patel, P. M. 1978. Role of Synthetic Chelating Agents in Trace Metal Uptake by Plants. In: D.C.Adriano and I.L.Brisbin,Jr.(Eds.), Environmental Cemistry and Cycling Processes, Proc.Symp.Held at Augusta, Georgia, April 18-May 1, 1976, Tech.Info.Center, U.S.Dep of Energy (U.S.NTIS CONF-760429) , 645-657
No Dose	Wallace, A. 1989. Phytotoxicity of Cobalt when Uniformly Mixed in Soil Versus Localized Spot Placement in Soil. Soil Sci. 147[6], 449-450
Media	Wettlaufer, S. H., Osmeloski, J., and Weinstein, L. H. 1991. Response of polyamines to heavy metal stress in oat seedlings. Environ Toxicol Chem 10[8], 1083-1088
Mix	Wild, S. R. and Jones, K. C. 1992. Organic Chemicals in the Environment. Polynuclear Aromatic Hydrocarbon Uptake by Carrots Grown in Sludge-Amended Soil. J Environ Qual 21, 217-225
Mix	Wilson, D. O. and Reisenauer, H. M. 1970. Effects of Some Heavy Metals on the Cobalt Nutrition of Rhizobium meliloti. Plant Soil 32, 81-89
Media	Wilson, S. B. and Reisenauer, H. M. 1963. Cobalt Requirements of Symbiotically Grown Alfalfa. Plant Soil 19[3], 364-373
OM, pH	Wilson, S. B. and Hallsworth, E. G. 1965. Studies ont he Nutrition of Forage Legumes. IV. The Effect of Cobalt on the Growth of Nodulated and Non-Nodulated Trifolium subterraneum. Plant Soil 22[2], 260-279
Media	Wilson, S. B. and Nicholas, D. J. D. 1967. A Cobalt requirement for Non-Nodulated Legjmes and for Wheat. Phytochemistry 6, 1057-1066
FL	Wojciechowska, B. and Kocik, H. 1987. Effect of Cadmium, Cobalt and Bismuth Nitrate on the Root Meristem of Vicia faba L. (Wplyw Azotanow Kobaltu, Kadmu i Bizmutu na Merystem Korzeniowy Vicia faba L.). Pr.Nauk.Univ.Slask.Katowicak. 7[24], 74-91
FL	Yagodin, B. A. and Zhiznevskaya, G. Y. 1969. Variations in Protein Composition of Vicia faba Leaves During Chlorosis Induced by Excessive Cobalt

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	37858. Fiziol.Rast. 16[3], 505-511 (RUS)
FL	Yagodin, B. A., Ovcharenko, G. A., Vasil'eva, V. Y., and Ivanova, M. A. 1970. Effect of Cobalt on Nitrate Reductase Activity in Legumes. S-kh.Biol. 5[1], 134-136
FL	Yagodin, B. A. and Sablina, S. M. 1981. Effect of Cobalt on Buckwheat Yield and on the Content of Mineral Elements and Rutin. Izv.Timiryazev.S-Kh.Akad. 6, 68-72
FL	Yagodin, B. A. and Romanova, L. P. 1982. Yield and Quality of Chinese Cabbage is Seed Treatment with Trace Elements. Izv.Timiryazev.S-Kh.Akad. 2, 98-104