

LITERATURE CITED

- Acharya, C. N.; Jain, S. P. and Jha, J. (1952).
Influence of legumes in crop rotation the soil.
Sci. Cult. 18: 286-287.
(c.f. Soils and Fert. Abst. 16: 2380, 1953).
- Andriichuk, O. O. and Kuz'menko, Yu. P. (1973).
Effect of high application rates of F.Y.M. in
crop rotations on grain formation and yield of
winter wheat grown on Derno-Podzolic soil.
Nauk. Zb. 31: 57-60.
(c.f. Field Crop Abst. 27: 1050, 1974).
- Ansorge, H. (1960).
Comparative effect of preceding crops and
fertilizers on yield.
Z. Versuchs- und Untersuchungs wesen 6: 295-321.
(c.f. Soils and Fert. Abst. 25: 1741, 1962).
- Arikeeov, E. (1975).
Agrotechnical evaluation of different preceding
crops in rotation.
Sbornik Nauchnykh Rabot, Saratovskit 47: 65-66.
(c.f. Field Crop Abst. 30: 3111, 1977).
- Arora, P. N. and Raheja, P. C. (1963).
Studies in crop rotation. V. Comparative
performance of potato crop in different
rotation.
Indian J. Agron. 2: 345-350.
- ; ----- (1965).
Studies in crop rotation . VII. Comparative
performance of maize crop in various rotations.
Indian J. Agron. 10: 425-429.

- Bennett, O. I.; Mathias, E. I. and Lundberg, P. E. (1974).
No tillage management systems for hilly terrain.
Abst. Meeting Weed Sci. Soc. America: 108.
- Boguslawski, E. V. (1961).
Vorfruchtwirkung unter besonderer Berücksichtigung von Winterweizen.
Wiss. Z. Martin-Luther-Univ., Math. + Nat-Reihe
10: 285-292.
- Bouchy, C. (1973).
Organo-mineral fertilization trail. Results
after ten years of continuous maize-cotton
cultivation.
Cotton et Fibers Tropicales 28: 343-364.
(c.f. Field Crop Abst. 27: 4677, 1974).
- Carlson, C. W.; Grunes, D. L.; Haise, H. R. and Alessi, J.
(1963).
Effect of alfalfa on the nitrogen and phosphorus
requirements of crops.
Proc. Soil Sci. Amer. 27: 319-323.
- Catargiu, D. (1973).
Effect of rotation on the yield of wheat.
Fundulea, B. 39: 91-99.
(c.f. Field Crop Abst. 28: 1286, 1975).
- Ceapoiu, N.; Hera, C. and Picu, I. (1975).
New elements of techniques of wheat cultivation.
Productia Vegeta Cereale Si Plante tehnice 27:
11-18.
(c.f. Field Crop Abst. 29: 6110, 1976).

Duka, L. V. and Senkiv, A. I. (1976).

Effect of fertilizers and preceding crops in a rotation on grain yield and quality of spring wheat.

Khkmiya v Sel'skom Khozyaistvo 14: 10-13.

(c.f. Field Crop Abst. 30: 2562, 1977).

Duncan, D. B. (1955).

Multiple range and multiple F tests.

Biometrics 11: 1-42.

El-Damaty, A. and El-Baradie, T. (1956).

Results of the Permanent Crop Rotation Experiment at Bahtim for the period 1951/1955.

Proc. 2nd Conf. Fertilizer Use in Egypt, Cairo. 2: 71-83. (in Arabic)

El-Hattab, H. S. (1957).

Data of fertilizers application and yield in corn.

Ann. Agric. Sci., Fac. Agric. Ain Shams Univ., Cairo, Vol. II, No. 2 December: 95-99.

-----; Hussein, M. A.; El-Hattab, A. H. and Ghieth, El S. S. (1974).

Grain yield of maize as affected by various levels of nitrogenous fertilizer in preceding crops.

Z. Acker - und Pflanzenbau 139: 44-56.

Epps, J. M. (1960).

Evaluation of crop rotation and soil fumigation for controlling soybean cyst nematode.

Phytopathology Abst. 50: 635.

Erusalimov, P. (1975).

The effect of intensive use of irrigated land on the development and yields of maize in the central part of northern Bulgaria.

Rastensiev dni Nauki 12: 84-91.

(c.f. Field Crop Abst. 29: 3648, 1976).

----- (1976).

Effect of stubble crops on yields of main crops in the rotation.

Rastensiev dni Nauki 13: 74-84.

(c.f. Field Crop Abst. 30: 5625, 1977).

Evans, A. C. (1963).

Soil fertility studies in Tanganyika.

2. Continued application of fertilizer on the red and red-brown loams of the Nachingwea series. 3. On the kikungu and Luseni soil types of the lake and western regions.

East Afric. Agric.J. 28: 228-230.

(c.f. Field Crop Abst. 17: 245, 1965).

Fol'mer, R. V. (1975).

Importance of preceding crops in increasing soil fertility and yields of spring wheat in southern forest steppe of Omsk region.

Nauchnye Trudy, Omskii Sel'skhozyaistvennyi Institut 137: 3-11.

(c.f. Field Crop Abst. 30: 3112, 1977).

Garbucheu, I. (1967).

The effect of crop rotation on soil fertility.

Pochv. Agrokhim 2: 81-95.

(c.f. Soils and Fert. Abst. 31: 642, 1968).

Ghieth, E. M. (1973).

Studies of some crop sequences on yield and yield components.

M. Sc. Thesis, Fac. Agric., Cairo Univ.

Gonet, Z. and Gonet, I. (1976).

Erträge der wichtigsten Kulturpflanzen in Fruchtfolge und in dreijähriger Monokultur. Tag. - Ber., Akad. Landwirtschaft. - Wiss. DDR, Berlin 148: 213-220.

Goodey, J. B. (1957).

Laboratory methods for work with plant and soil nematode.

Tech. Bull. No. 2, pp. 47, Min. Agric., Fisheries and Food, London.

Graves, C. R. and McCutchen, T. (1978).

Wheat following corn or soybeans.

Tennessee farm and Home Sci. 106: 19-20.

(c.f. Field Crop Abst. 32: 5123, 1979).

Harasim, A. (1976).

The place of winter wheat in crop rotation.

Nowe Rolnictwo 18: 12-15.

(c.f. Field Crop Abst. 30: 1999, 1977).

Harner, J. M. (1960).

Effect of cropping systems on runoff, erosion and wheat yields.

Agron. J. 52: 342-344.

Hauser, E. W.; Dowler, C. C.; Jellum, M. D. and Cecil, S. R. (1974).

Effect of herbicide - crop rotation on nutsedge, annual weeds and crops.

Weed Sci. 22: 172-176.

Hedlin, R. A. and Ridley, A. O. (1964).

Effect of crop sequence and manure and
fertilizer treatments on yields and soil
fertility.

Agron.J. 56: 425-427.

Hijink, M. J. and Kuiper, K. (1964).

Crop rotation effects on Leguminosae due to
Meloidogyne haple.

Nematologica Abst. 10: 64.

Hobbs, J. A. (1955).

The effect of crop rotation and soil treatments
on soil productivity.

Soil Sci. Soc. Amer. 19: 320-324.

Huet, P. (1973).

Some results of trials of wheat monoculture at
Grignon.

Comptes Rendus des Seances del'Académie
d'Agriculture de France 59: 541-550.

(c.f. Field Crop Abst. 27: 2514, 1974).

Hussein, M. A.; Kamel, M. S.; Shafshak, S. E. and Salem,
M. S. (1975).

Position of maize in the rotation. I. Effect
of preceding winter crops and nitrogen fertili-
zation on some agronomic character of maize.

Acta Agronomica, Academiae Scientiarum Hungaricae.
24: 457-463.

-----; -----; ----- and -----,
(1977).

Position of maize in the rotation. II. Effect
of preceding winter crops and nitrogen fertilization
on ear characters of maize.

Acta Agronomica, Academiae Scientiarum Hungaricae.
26: 116-122.

Jain, T. C.; Saxena, G. S.; Jain, K. C. and Totwat, K.L.
(1976).

Effect of crop rotation, farmyard manure and
the quantity of saline irrigation water on the
yield of wheat and physico-chemical properties
of the soil.

Indian J. Agric. Res. 10: 1-9.

King, J. J. (1966).

Weeds of the world: Biology and control.
Leonard Hill Books London, Interscience
Publishers, Inc., New York.

Kipps, M. S. and Hutchenson, T. B. (1938).

Fertilizer and manure experiments on Dunmore
silt loam soil.

Va. Agr. Expt. Sta. Bull. 317.

(c.f. Production of Field Crops, edited by
Wolfe, T. K. and Kipps, M. S., Mc Graw-Hill
Book Company Inc. New York, P. 211, 1959).

Kiesselback, T. A. and Lyness, W. E. (1952).

Crop rotation experiments.

Nebr. Agric. Expt. Sta. Bull. No. 416.

(c.a. Indian J. Agron. 10: 425-429, 1965).

Klapp, E. (1961).

Experiments with rotation systems.

Z. Acker- und Pflanzenbau 113: 213-228.

Klitsch, Cl. (1960).

Der Futterbau.

Verl. Fischer, Jena.

(c.a. Seiffert (1962), p. 431).

Könnecke, G. (1951).

Ertragsteigerung und Erhaltung der Bodenfruchtbarkeit durch die Umstellung von Fruchtfolgen.

Kühn-Archiv 64: 107-224.

----- (1967).

Fruchtfolgen,

VEB, Deutscher Landwirtschaftsverlag, Berlin.

Kos, M. (1966).

Effect of increasing rates of fertilizer on the influence of crop rotation on yields.

Rostl, Vyroba 12: 1071-1078.

(c.f. Field Crop Abst. 20: 1484, 1967).

Kovalenko, A. P. (1971).

Place of maize in rotations.

Kukuruza 4: 17.

(c.f. Field Crop Abst. 25: 231, 1972).

Kratzsch, G. and Ulrich, P. C. (1978).

Investigations in the reduction of yield depression in cereal monoculture.

Archiv Acker- und Pflanzenbau u. Bodenkunde 22: 359-367.

Laude, H. H. et al. (1955)

Growing wheat in Kansas.

Kan. Agr. Expt. Sta. Bul. 370.

(c.f. Production of Field Crops, edited by Wolfe, T. K. and Kipps, M. S., Mc Graw-Hill Book Company, Inc. New York, P. 212, 1959).

- Lazarus, W. F. and Hoffman, L. D. (1977).
Long-term comparisons in given crop rotations.
Sci. in Agric. 24: 6-7.
(c.f. Field Crop Abst. 32: 1273, 1979).
- Leighty, C. E. (1938).
Crop rotation.
U. S. Dept. Agr. Yearbook, 406-430.
(c.f. Production of Field Crops, edited by
Wolfe, T. K. and Kipps, M. S., Mc Graw-Hill
Book Company, Inc. New York, P. 211, 1959).
- Madelon, J. and V. Sartori (1975).
A comparison of methods for controlling
Cynodon dactylon in a rotation based on maize
and wheat.
Symp. Status, Biology and control of Grassweeds
in Europe, I: 278-285.
- Mai, W. F. and Lownsbery, B. F. (1952).
Crop rotation in relation to the golden
nematode population of the soil.
Phytopathology, 42: 345-347.
- Martynovich, N. N. (1965).
Maize as a fallow crop.
(Russ) Zemledelie, Mosk. 1965. No. 5, 45-8.
(c.f. Field Crop Abst. 19: 135, 1966).
- Mikhailova, O. D., Fedorova, N. A., Kuz'mnko, Yu. P.
and Tishchenko, G. M. (1973).
Effect of organic and mineral fertilizers applied
in a rotation on the moisture status of derno-
podzolic, microclimate and yield of winter wheat.
Temat. Nauk. Zb. 31, 31-37.
(c.f. Field Crop Abst. 27: 1077, 1974).

- Miller, C. E. (1955).
Soil Fertility.
John Wiley and Sons, Inc., New York Chapman and
Hall, Ltd., London 320.
- Mlimenko, V. L. and Kapinos, A. I. (1977).
Role of mineral fertilizers in a spring wheat/
millet/perennial herbage species rotation in
Saratov region.
Izvestiye Timirazevskoi Sel'skohzyaistvennoi
Akademii 2: 47-59.
(c.f. Field Crop Abst. 30: 5928, 1977).
- Müller, P. (1962).
Verträglichkeitsbeziehungen landwirtschaftlicher
Kulturpflanzen im Blickfeld neuer Forschungser-
gebnisse.
D. Dtsch. Landwirtschaft. 13: 72-75.
(c.a. Seifferet, 1964, p. 419).
- Netto, F. L.; Bertoni, J. and Benatti, R. (1976).
Management of soil and maize crop residues and
losses by erosion.
Campinas, Sao Paulo, Brazil; Sociedade Brasileira
de ciência de Solo. 537-540.
(c.f. Field Crop Abst. 31: 2394, 1978).
- Nicolae, C. and Pintilie, C. (1973).
The effect of legumes on the productivity and
fertility of Podsol soils.
Analele Institutului de cercetare pentru cereale
si plante tehnice, Fundulea, B. 39: 227-237.
(c.f. Field Crop Abst. 28: 1186, 1975).

Nicolau, A. (1977).

Efficiency of application of phosphorus and potassium fertilizer applied on a single date in a three-year rotation.

Cercetaria Agronomica in Moldova 2: 69-74.

(c.f. Field Crop Abst. 32: 4712, 1979).

Nicou, R. (1978).

Study of rotation practices in Senegal. Results and methods.

Agronomic Tropicale 33 (1): 51-61.

(c.f. Field Crop Abst. 32: 2552, 1979).

Norman, A. G. (1949).

Advances in Agronomy.

1st Ed., Academic Press Inc. Publishers, New York.

(c.a. Ertragssteigerung und Erhaltung der Bodenfruchtbarkeit durch umstellung von Fruchtfolgen. Konnecke, G. (1951), Kuhn-Archiv, 64: 107-224).

Ohkubo, T. (1973).

Agronomic studies on rotation.

Bulletin of the Tohoku, National Agricultural Experiment Station 46: 1-61.

(c.f. Field Crop Abst. 28: 519, 1975).

Oliveira, V. G.; Veiga, A. DEA; Conagin, A.; Santos, S. R. Dos and Abranides, E. (1972).

Experiment on biennial crop rotations.

Bragantia 31 (Nota, No. 9) xLix-Lvii, Estacao Experimental de tiête.

(c.f. Field Crop Abst. 28: 520, 1975).

Oostenbrink, M. (1961).

Vorfruchtwirkung and Nematoden.

Wiss. Z. Martin-Luther-Univ., Math-Nat.

Reihe, 10: 303-308.

Ostapov, V. et al. (1977).

Maize in monoculture.

Sbornik Zroshuvane Zemlerobstvo 21: 58-62.

(c.f. Field Crop Abst. 31: 1712, 1978).

Owens, R. G. and Novotny, H. M. (1960).

Physiological and biochemical studies on
nematode galls.

Phytopathology, 50: 650 (Abstr.)

Panos, D. A. (1959).

The growth of legumes in conjunction with
phosphate fertilizers, as a mean of increasing
and stabilizing soil fertility and agricultural
productivity in Greece.

Empire Jour. of Expt. Agric. 27: 98-106.

Pekary, K. (1971).

A comparison of the yields of winter wheat
grown in rotation, biculture and various cereal
monocultures under different conditions of
nutrient supply.

Budapest, Hungary, Akademiai kiado: 197-207.

(c.f. Field Crop Abst. 27: 4874, 1974).

Pinck, L. A.; Allison, F. E. and Goddy, V. L. (1948).

The effect of green manure crops of varying
carbon nitrogen ratios upon nitrogen availability
and soil organic matter content.

Jour. Amer. Soc. Agron. 10: 237-248.

- Pinck, L. A.; Allison, F. E. and Goddy, V. L. (1954).
Efficiency of balanced rotation for increasing
food production and improvement of soil fertility
in Greece.
Jour. Amer. Soc. Agron. 46: 109-112.
- Preuter, H. (1978).
Agricultural economic evaluation of the three
organic-matter farms at Nagele.
Bedrijfsontwikling 9: 647-650.
(c.f. Field Crop Abst. 32: 3435, 1979).
- Ross, J. P. (1969).
Effect of Heterodera glycyces on yields of
non-nodulating soybeans grown at various
nitrogen levels.
J. Nematology 1: 40-42.
- Roux, D. P.; J. Plooy and S. J. Fourie (1971).
Rotating maize with leguminous crops.
Farming in South Africa 47, 23-25.
(c.f. Field Crop Abst. 25: 1608, 1972).
- Salem, M. S. (1973).
Effect of preceding winter crops and fertiliza-
tion on growth and yield of corn.
M. Sc. Thesis, Fac. Agric., Cairo Univ.
- Salem, F. M. (1977).
Interaction between pesticides and soil in
relation to the control of Meloidogyne species.
Ph. D. Thesis, Fac. Agric., Menoufia Univ.
- Samios, T. (1974).
Development of agronomic practices under
unfavourable dry land conditions.
Rome, Italy; FAO. 530-541.
(c.f. Field Crop Abst. 31: 2, 1978).

- Sandhu, H. S.; Gill, G. S. and Brar, S. S. (1977).
Growing wheat in multiple cropping.
Indian Farming 27: 7-9.
(c.f. Field Crop Abst. 31: 6594, 1978).
- Scaife, M. A. (1971).
The long-term effects of fertilizers, farmyard
manure and leys at Mwanhala, Western Tanzania.
East African Agricultural and Forestry Journal
37: 8-14.
(c.f. Field Crop Abst. 27: 2958, 1974).
- Schrader, W. D. and Webb, J. R. (1970).
Different cropping systems require different
amount and kinds of fertilizers. Iowa Farm
Science 25: 689-692.
(c.f. Field Crop Abst. 25: 1, 1972).
- Schumaker, G. A.; Robinson, C. W.; Kemper, W. D.; Golus,
H. M. and Amemiya, M. (1967).
Improved soil productivity in Western Colorado
with fertilizers and alfalfa.
Bull. 91 Colo. Agric. Exp. Sta. 52.
(c.f. Field Crop Abst. 21: 379, 1968).
- Seiffert, M. (1964).
Landwirtschaftlicher Pflanzenbau. VEB,
Deutscher Landwirtschaftsverlag, Berlin.
- Seinhorst, J. W. (1970).
Dynamics of populations of plant parasitic
nematodes.
Ann. Rev. Phytopathology, 8, 131-156.

Selman, M. (1975).

Experiments in continuous wheat, 1. The effect of break crops introduced into a run of continuous wheat.

Exp. Husbandary 29: 715, 1976).

(c.f. Field Crop Abst. 29: 715, 1976).

Sen, S. and Dhillon, H. S. (1963).

Crop rotations

Indian J. Agron. 8; 365-370.

Shafshak, S. E. (1974).

Fruchtfolgen und Fruchtfolgeprobleme in der VAR; "Fruchtfolgeforschung in der VAR."

Wiss. Z. Univ, Halle, 23: 35-53.

-----; El-Debaby, A. S.; Sary, G. A. and Salem, M. S. (1974),

Effect of preceding winter crops on the growth and yield of two succeeding crops, maize and wheat.

Z.Acker-U. Pflanzenbau, 140: 44-53.

-----, ----- and ----- (1976).

Fruchtfalgestellung des Weizens in Agypten.

Tag. Ber., Acad. Landwirtsch. -Wiss., DDR,

Berlin, 148 ; 201-212.

Shafshak, S. E. and Salem, M. S. (1979).

Effect of preceding crops on the spread of weeds and nematode in cotton.

Z. Acker-U. Pflanzenbau, 148; 318-326.

Shalaby, Y. Y. (1955).

The effect of preceding winter crops and nitrogen on the yield of maize.

M. Sc. Thesis, Faculty of Agric. Ain Shams Univ.

- Shalaby, Y. Y.; Saker, S. and Moursi, M. A. (1959).
The effect of preceding winter crops and nitrogen
on the yield of maize.
Ann.Agric. Sci., Fac. Agric. Ain Shams Univ.
Cairo 3: 91-95.
- Sharma, R. P. R. and Singh, A. (1969).
Residual effect of legumes in winter legume-maize
rotation. 1. Effect on the performance of maize.
2. Effect on the yield and quality of maize.
Indian J. Agric. Sci. 39: 530-9 and 540-52.
- Sigarkin, S. S. and Kuznetsova, Z. A. (1974).
*Effect of fertilizers on yield of catch crop and
winter wheat grown in rotation.
Khimiyav Sel'skon Khozyaistvo 12 ; 3-5.
- Simon, W. (1963).
Bodenfruchtbarkeit durch Futterbau in der
Fruchtfolge Wiss. Z. Univ. Leipzig, Mat. -
Nat. R., 12: 637-651.
(c.a. Konnecke, G. '1967').
- Simeonov, B. and Petrov, I. (1967).
Various preceding crops for wheat and presowing
soil preparation after winter cereals.
Rast. Nauki 4: 45-54.
(c.f. Soils and Fertilizers 31: 2838, 1968).
- Singh, A. N. (1967).
Effect of variation in plant density and soil
fertility on yield of two varieties of maize.
Indian J. Agron. 12: 314-19.
- Singh, K. Narang, M. M. and Sharma, H. K. (1967).
Effect of crop sequence and fertilizers on
maize.
J. Res. Punjabagric. Univ. 4: 500-7.
(c.f. Field Crop Abst. 22: 970, 1969).

Snedecor, G. W. (1956).

Statistical Methods.

5th Ed. Ames. Iowa, U.S.A.

The Iowa State Univ. Press.

Starostin, M. N. (1975).

Effect of fertilizer on winter rye yields.

Sibirskii Vestnik Sel'skokhozyaistvennoi

Nauki 2: 94-96.

(c.f. Field Crop Abst. 29: 86, 1976).

Stojkovic, L. (1967).

Monoculture and weather conditions for successful
maize growing.

Arh. Polkopr. Nauke 20: 3-12.

(c.f. Field Crop Abstr. 21: 791, 1968).

Stratula, V.; Ionesu, F.; Colesan, M. and Pop. L. (1968).

Aspects concerning the crop rotation in the
zone of brownreddish forest soil from Simnic-
Craiova.

Problem Agric. 20: 27-38.

(c.f. Field Crop Abst. 22: 1617, 1969).

----- ; Toma, A. and Pana, D. C. (1973).

Effect of combination of ploughing and applica-
tion of fertilizer on wheat grown in a maize-
wheat rotation at Didactic Experimental Station
at Banu Maracine. Analele Universitatii din
 Stiinte Agricole 4: 55-64.

(c.f. Field Crop Abst. 28: 2807, 1975).

Sutherland, W. N.; Shrader, W. D. and Pesek, J.T. (1961).

Efficiency of legume residue nitrogen and
inorganic nitrogen in corn production.

Agron. J. 53: 339-42.

Swietochowski, B.; Piasecka, S. and Sienkiewicz, J.
(1960).

Preliminary studies of leguminous plants
cultivated as soil-structure forming crops.
Proce Zakl. Upraw. Roliplodoz 3: 15-29.
(c.f. Soils and fertilizers 24: 1613, 1961).

Thorne, D. W. and Peterson, H. B. (1954).

"Irrigated Soil".

Blackiston and Co., Toronto, 230-34.

(c.a. Indian J. Agric. 8: 345-350, 1963).

Truksa, J. (1975).

Importance of maize cultivation from the
aspect of utilization of intensive fertilization.
Rostlinna Vyroba 21 (11): 1235-1243.
(c.f. Field Crop Abst. 32: 741, 1979).

Uhland, R. E. (1947).

Rotation and conservation.

U. S. Dept. Agr. Yearbook, 1943-1947, pp. 527-
536.

Urano, K.; Otagiri, K. Maruyama, K. et al. (1960).

The effect of rotations on crop yields and
soil properties.

Proc. Crop. Sci. Soc. Japan 29: 143-146.

(c.f. Badr, A. M., Ph. D. Thesis, Fac. Agric.
Ain-Shams Univ. 1971).

Vasilenko, M. I. (1978).

Formation of root system of winter wheat grown
in monoculture and rotation.

Zroshuvane zemlerobstvo, Resp. Mizhvid. Temat.
Nauk. Zb. 23: 24-25.

(c.f. Field Crop Abst. 32: 3622, 1979).

Vaz, A. (1975).

Maize in the rotation.

Revue Suisse d'Agriculture 7: 63-66.

(c.f. Field Crop Abst. 29: 1754, 1976).

Vrkoc, F. (1967).

Problems of crops to follow lucerne in the
beet-growing region.

Ved. Pr. Ustr. Vyzk. Ust. rostl. vyrobypraze-
Ruzyni 11: 107-113.

(c.f. Field Crop Abst. 21: 1376, 1968).

-----; Dechackova, G. and Chot, M. (1969).

Influence of some leguminous crops and legume-
and cereal mixture on the yields of subsequent
crops.

Rostl vyroba 15: 105-116.

(c.f. Soils and Fertilizers 32: 3143, 1969).

Weidemann, A. G. and Millar, C. E. (1951).

Results from long-time field experiments on
Hillsdale soil.

Mich. Agr. Expt. Sta. Spec. Bul. 366.

(c.f. Production of Field Crops, edited by
Wolfe, T. K. and Kipps, M. S., Mc Graw-Hill
Book Company, Inc. New York, P.212, 1959).

Welton, F. A. and Morris, V. H. (1924).

Yields of wheat following potatoes and the
relation of nitrates in the soil.

J. Amer. Soc. Agron. 16: 519-534.

William, E. and et al. (1970).

Effect of cropping systems and nitrogen levels
on corn (Zea maize) yield in the Solhern
Piedmont Region.

Agron. J. 62: 655-659.

Worobjew, S. (1978).

Increasing the proportion of cereals in the rotation.

International Zeitschrift der Landwirtschaft
2: 131-134.

(c.f. Field Crop Abst. 32: 4562, 1979).

Yacoubi, M. A. (1975).

Soil nitrogen forms in relation to crop response.

Dissertation Abstracts International, B, 35:
5742.

(c.f. Field Crop Abst. 30: 6678, 1977).

Yousif, G. M. (1972).

Studies on the problem of nematodes in sandy soil with special reference to its non-chemical control method.

Ph. D. Thesis, Fac. Agric., Ain-Shams Univ.

Zioiek, W. (1972).

Investigation into the effect of intensive and integrated mineral fertilization on the yield and quality of sugar beet and subsequent crops in a three-year rotation. 2. After effect of an intensive and integrated fertilization given to sugar beet at the beginning of a three year rotation.

Acta Agraria et Silvestria, Agraria 12: 49-77.

(c.f. Field Crop Abst. 27: 1341, 1974).