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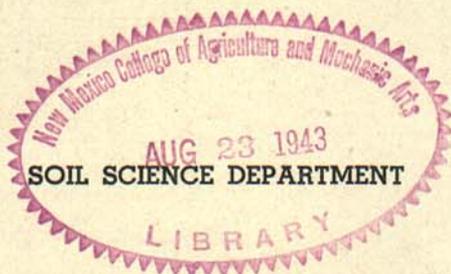
Fertilizer Recommendations for Wheat and Rye on Michigan Soils (a Supplement)  
Michigan State University Extension Service  
Soil Science  
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*Fertilizer Recommendations*  
*For Wheat and Rye*  
*On Michigan Soils*

1943



MICHIGAN STATE COLLEGE

EXTENSION DIVISION

EAST LANSING

# Fertilizer Recommendations for Wheat

SOIL SCIENCE DEPARTMENT,

## HEAVY LOAMS, SILTY

### Dark-colored soils (high in humus)

	Manure worked into seedbed	Not manured
Wheat or rye		
Alfalfa or clover to be seeded	Superphosphate 18 or 20%—250 to 350 pounds	0-14-7 or 2-16-6 or 2-12-6 250 to 350 pounds
No alfalfa or clover to be seeded	Superphosphate 18 or 20%—200 to 300 pounds	0-14-7 or 2-16-6 or 2-12-6 200 to 300 pounds

### LIGHT LOAMS, AND HEAVY SANDY LOAMS

	Manure worked into seedbed or applied as a topdressing	No manure
Wheat or rye		
Alfalfa or clover to be seeded	0-14-7 or 0-12-12 250 to 350 pounds	2-16-8, 2-12-6 or 250 to 350 pounds
No alfalfa or clover to be seeded	0-14-7 200 to 300 pounds	2-16-8 or 2-12-6 200 to 300 pounds

In the fall of 1942 supplies of nitrogen were limited and available nitrogen was needed for the manufacture of munitions; hence fertilizer contained none. Fortunately, nitrogen supplies have increased sufficiently to permit its use in wheat fertilizer this fall.

Supplies of potash were limited because of increased demand at home and by our shipping fewer ships to carry food. In view of the shortage, it will be necessary in some cases to use a fertilizer

# Wheat and Rye on Michigan Soils, 1943

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## FERTILE LOAMS AND CLAY LOAMS

Yellowish brown to grayish brown soils  
(medium to low in humus)

	Manure worked into seedbed	Not manured
8 acres	0-14-7 250 to 350 pounds	2-16-8 or 2-12-6 250 to 350 pounds
8 acres	0-14-7 200 to 300 pounds	2-16-8 or 2-12-6 200 to 300 pounds

## SANDY LOAMS AND SANDS

	Manure worked into seedbed or applied as a topdressing	No manure
or 3-12-12 acres	Seeding of legume not recommended	Seeding of legume not recommended
6 or 3-12-12 acres	2-16-8, 3-12-12 or 2-12-6 200 to 300 pounds	2-16-8 or 2-12-6 or 3-12-12 200 to 300 pounds

Wheat are now limited  
by increased demands both at  
home and abroad. It takes  
more potash than to  
grow a few of the potash  
fertilizers necessary in many  
fertilizers containing less

potash than you have planned. Potash  
is particularly important on sandy  
loam soil if alfalfa or clover is to be  
seeded in the wheat.

Farmers are urged to buy fertilizer  
during early August because of scarcity  
of labor in fertilizer factories.

