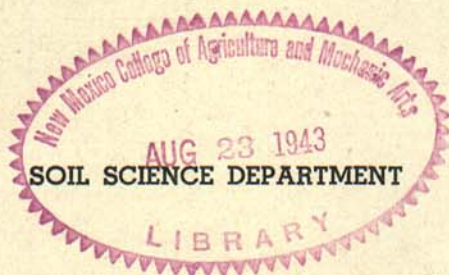


*Fertilizer Recommendations*  
*For Wheat and Rye*  
*On Michigan Soils*

1943



MICHIGAN STATE COLLEGE

EXTENSION DIVISION

EAST LANSING

# Fertilizer Recommendations for Wheat

SOIL SCIENCE DEPARTMENT,

## HEAVY LOAMS, SILTY

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

Wheat or rye	Manure worked into seedbed	Not manured
	Alfalfa or clover to be seeded	Superphosphate 18 or 20%—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

Wheat or rye	Manure worked into seedbed or applied as a topdressing	No manure
	Alfalfa or clover to be seeded	0-14-7 or 0-12-12 250 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

MICHIGAN STATE COLLEGE

## T LOAMS AND CLAY LOAMS

Yellowish brown to grayish brown soils (medium to low in humus)		
	Manure worked into seedbed	Not manured
8 nds	0-14-7 250 to 350 pounds	2-16-8 or 2-12-6 250 to 350 pounds
8 nds	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 nds	Seeding of legume not recommended	Seeding of legume not recommended
6 or 3-12-12 nds	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

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necessary in many  
izer 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.

