

LIME AND FERTILIZER

Lime is essential to the growing of legumes on most Dane County soils. Experience of recent years also indicates that many soils are deficient in phosphate or potash or both.

The only practicable way for farmers to determine the amount of lime or fertilizer required on any field is by testing the soil. Several agricultural teachers do testing, the University laboratory is available to Dane County farmers, as are also the facilities of the Dane County Soil Conservation District with headquarters at our office.

By far, the greatest part of the lime delivered during the past year was delivered under the Conservation of Materials set-up operated in conjunction with the Agricultural Conservation Program. According to the records, 35,000 tons of limestone were delivered under the Conservation of Materials program between October 1, 1941 and October 1, 1942. We estimate that 15,000 additional tons were delivered under private contract.

In making recommendations for liming materials, we have consistently recommended finely ground material. A minimum of 40% should pass through a 60 mesh sieve.

Most farmers buy fertilizer from private dealers. During the past two years, however, some fertilizer containing phosphate and potash has been made available to farmers under the Conservation of Materials set-up. Because this fertilizer is somewhat cheaper than that bought by farmers commercially, the uses to which it can be put are limited.

Last year only three carloads totalling 100 tons of fertilizer were distributed under the Conservation of Materials program. This year, 20 carloads totalling 800 tons will be distributed between October 1 and January 30.

AVERAGE
LIME PRICES
CONSERVATION OF MATERIALS PROGRAM
OCTOBER 1941 to OCTOBER 1942

	Roxbury	Dane	Vienna	Windsor	Bristol	York
Mazomanie	(1) \$1.50 (2) \$2.00	(1) \$1.50 (2) \$2.00	(1) \$1.40 (2) \$1.90	(1) \$1.40 (2) \$1.90	(1) \$1.40 (2) \$1.90	(1) \$1.50 (2) \$2.00
(1) \$1.25 (2) \$1.50	Berry	Springfield	Westport	Burke	Sun Prairie	Medina
Black Earth	(1) \$1.25 (2) \$1.50	(1) \$1.40 (2) \$1.90	(1) \$1.50 (2) \$2.00	(1) \$1.35 (2) \$1.85	(1) \$1.30 (2) \$1.80	(1) \$1.30 (2) \$1.80
Vermont	Cross Plains	Middleton	Madison	Blooming Grove	Cottage Grove	Deerfield
(1) \$1.25 (2) \$1.50	(1) \$1.25 (2) \$1.75	(1) \$1.25 (2) \$1.50	(1) \$1.25 (2) \$1.50	(1) \$1.30 (2) \$1.80	(1) \$1.25 (2) \$1.75	(1) \$1.30 (2) \$1.80
Blue Mounds	Springdale	Verona	Fitchburg	Dunn	Pleasant Springs	Christiana
(1) \$1.10 (2) \$1.60	(1) \$1.10 (2) \$1.45	(1) \$1.25 (2) \$1.50	(1) \$1.25 (2) \$1.50	(1) \$1.50 (2) --	(1) \$1.40 (2) \$1.90	(1) \$1.40 (2) \$1.90
Perry	Primrose	Montrose	Oregon	Rutland	Dunkirk	Albion
(1) \$1.20 (2) \$1.75	(1) \$1.15 (2) \$1.50	(1) \$1.35 (2) \$1.75	(1) \$1.25 (2) \$1.60	(1) \$1.30 (2) --	(1) \$1.35 (2) --	(1) \$1.50 (2) \$2.00

Legend:

- (1) Price Delivered to Farm
(2) Price Delivered to Farm and Spread on Fields