

# 1957-58

## VERMONT RECOMMENDATIONS FOR FERTILIZER, SEED, AND LIME

Prepared by Agronomy Department, University of Vermont, in Cooperation with Soil Conservation Service

### FERTILIZER RECOMMENDATIONS

Suggested Rate per Acre

CROP and PRACTICE	LBS. OF NUTRIENTS			HOW TO APPLY —CHOOSE ONE	LOOK HERE TOO
	N Nitro- gen	P <sub>2</sub> O <sub>5</sub> Phos- phorus	K <sub>2</sub> O Potash		
CORN—with manure	60 plus 50	60	60	600# 10-10-10 850# 7-7-7	The "plus 50" lbs. of nitrogen may be plowed down or disked in except on sandy soils. Use 100 lbs. of urea or 150 lbs. of ammonium nitrate. To prevent burning seed, use no more than 300 lbs. of starter fertilizer in the planter. Broadcast the remainder.
—without manure	100 plus 50	100	100	1000# 10-10-10 1400# 7-7-7	
SEEDING DOWN					New seedings should be topdressed in midsummer with 200 lbs. of 0-20-20 (clay soils) or 0-15-30 (other soils). Broadcast 50 lbs. of borax when seeding alfalfa for first time. Lime prior to seeding, if necessary. Use correct inoculum on each legume.
Band seeding clay soils	0	80	0	400# 20% super	
Band seeding other soils	20	40	40	250# 8-16-16	
Broadcast—with manure	0	60	60	250# 0-25-25 300# 0-20-20	
Broadcast—without manure	40	80	80	500# 8-16-16 800# 5-10-10	
TOPDRESSING					Half in fall or early spring; half after first crop. This also applies to new seedings after oats are removed or after clipping to control weeds. Topdress legume stands with 100 lbs. muriate of potash after 2nd crop, if 3rd crop is expected, to furnish "plus 60."
Over 50% Legumes Champlain Valley Clays	0	75	75	300# 0-25-25 400# 0-20-20	
Other soils	0	60	120 plus 60	400# 0-15-30 with boron	
TOPDRESSING					
25-50% Legumes	30	60	60	400# 8-16-16 600# 5-10-10	
TOPDRESSING—Mostly Grass	50	50	50	500# 10-10-10 700# 7-7-7	Use split application. Manure may be substituted for one. Apply 150 lbs. ammonium nitrate as soon as ground thaws for earliest grazing.
SUDAN, MILLET	50	50	50	500# 10-10-10 700# 7-7-7	Use manure in addition.
WINTER WHEAT, WINTER RYE	25 plus 30	50	50	300# 8-16-16 500# 5-10-10	Apply "plus 30" by topdressing with 100 lbs. of ammonium nitrate in early spring.

HOME GARDEN VEGETABLES—Apply 30 lbs. 8-16-16 or 50 lbs. 5-10-10 to each 1000 square feet. Broadcast half, sidedress half.

LAWNS—Apply 30 lbs. 10-10-10 to each 1000 square feet. Half in April, half in September. There may be some advantage to using an organo base fertilizer high in nitrogen. Apply according to directions.

### SEEDING RECOMMENDATIONS

| For Individual Farm Use | Rate for one acre. If using band seeder or cultinack