

## FIELD PREPARATION OF SOIL FOR GREENHOUSE USE

For an intensive and quick method of preparing greenhouse soil where irrigation water is available, the following should be a helpful guide.

Add up to  $\frac{1}{2}$  inch of manure and treble superphosphate at the rate of one ton per acre. If calcium tests less than 150 ppm., add one ton of gypsum per acre. Plow to a depth of 5 to 6 inches and harrow down to make a good seed bed.

Sow oats or oats and field peas April 1 to 15 the first spring, plow under early in July and plant cowpeas or soybeans immediately. Plow this second crop under as early as possible in September and seed immediately to rye.

The following spring plow under rye in May before it gets too woody and fallow until the soil is needed. If not all needed this year, plant to soybeans or cowpeas, then to rye for the following year.

Several other combinations could be worked out. If a longer time is available, a sod of grass and clover could be established.

### Seeding Rates Per Acre

Oats	90#
Oats	60-70# / field peas 40#
Soybeans	50#
Cowpeas	60-75#
Rye	60-75#

One acre is roughly 40,000 square feet