

Success with your Soil

DEFINITION - WHAT IS IT?

ORIGIN - WHERE DID IT COME FROM?

ORIGINAL SOIL PROFILE

CURRENT SOIL PROFILE - WHAT KIND OF SOIL DO YOU HAVE

SOIL pH - ACID, ALKALINE, NEUTRAL
HOW pH AFFECTS TRACE MINERALS

HOW TO MAINTAIN GOOD SOIL

METHODS FOR LONG TERM SUCCESS

IMPROVING BAD SOIL

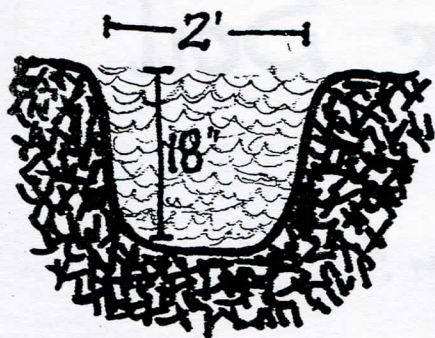
PERCOLATION (DRAINAGE) TEST
CORRECTIVE PROCEDURES

AMENDMENTS AND ADDITIVES

ALTERNATE GROWING IDEAS

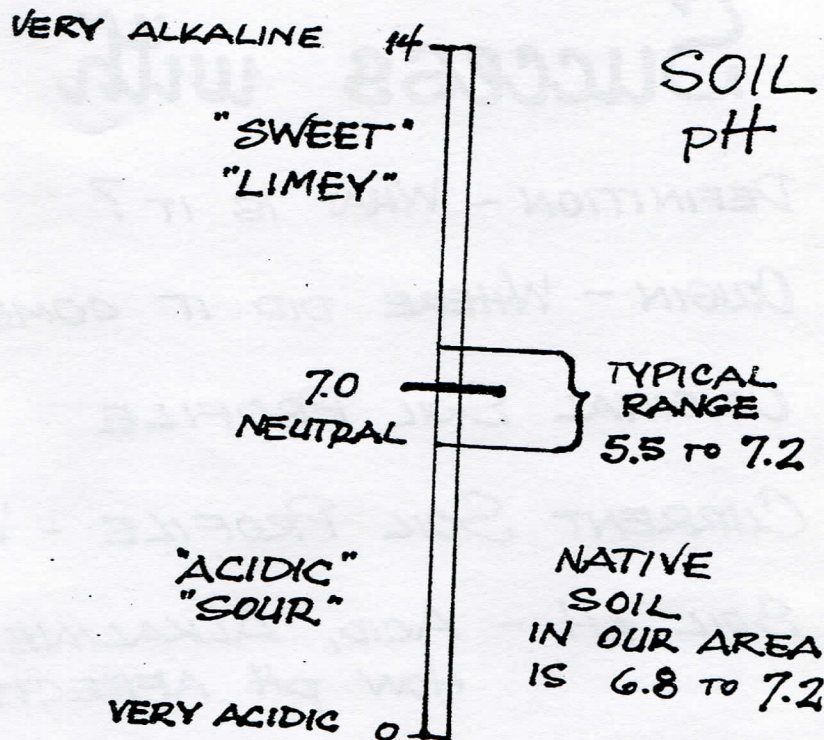
RAISED BEDS / SQ. FT. GARDENING/
STRAW BALES / NO TILL METHODS

FERTILIZING - MACRONUTRIENTS & MICRONUTRIENTS
ORGANICS & SYNTHETICS



PERCOLATION TEST

FILL HOLE
WITH WATER
1"-2" DROP
PER HOUR IS
IDEAL



Soil Amendments

TO INCREASE DRAINAGE

- COARSE SAND
- VERMICULITE
- PERLITE
- SOIL PERFECTOR
(BAKED CLAY BEADS)

TO RETAIN MOISTURE

- PEAT MOSS
- COIR (COCO FIBER)
- "DENSE" COMPOSTS

TO INCREASE ORGANIC CONTENT

- COMPOST
 - HOME-MADE
 - MUSHROOM
- COTTON BURR COMPOST
- LEAF COMPOST
- COW MANURE
- CHICKEN MANURE
- KELP MEAL
- COTTON BURR/ALFALFA/HUMATES



SUPPLEMENT WITH
ORGANIC FERTILIZER
AND "ROCK DUSTS"