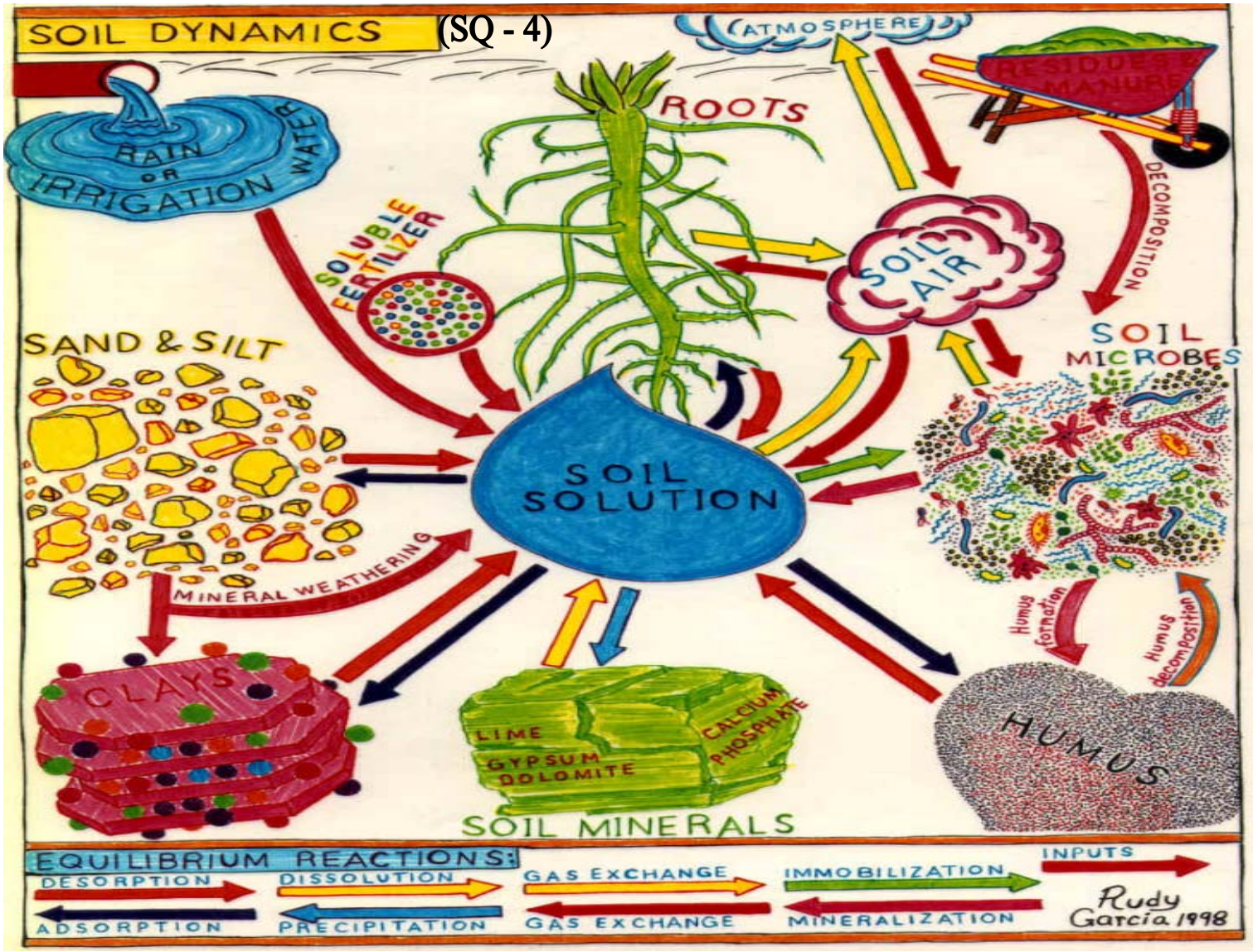
SOIL DYNAMICS
(SQ - 4)
ATMOSPHERE
RESIDUES & MANURE
ROOTS
RAIN OR IRRIGATION WATER
SOLUBLE FERTILZER
SOIL AIR
DECOMPOSITION
SAND & SILT
SOIL MICROBES
SOIL SOLUTION
MINERAL WEATHERING
Humus formation
Humus decomposition
CLAYS
LIME
GYPSUM
DOLOMITE
CALCIUM PHOSPHATE
HUMUS
SOIL MINERALS
EQUILIBRIUM REACTIONS:
DESORPTION
ADSORPTION
DISSOLUTION
PRECIPITATION
GAS EXCHANGE
GAS EXCHANGE
IMMOBILIZATION
MINERALIZATION
INPUTS
Rudy Garcia 1998