

2/4/64

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He says the branches of lemon trees grow in sections about 8" to 12" long. There is a slight change of growth angle at each node or joint so the branch is not quite straight. This sectioning is due to atrophy of growing tip, with a new sprout coming out of side bud just below dead tip. It is a common and repeatable way the plant grows.

Most important, there is a small thorn or spike or needle at side of each leaf bud. This spike is at one side (say left) of bud on a given section of branch. The spike is on opposite side of bud on next section, etc. Therefore the phyllotaxy of spike reverses at each node in branch.

Plant Description

17/1/64

Division II - - - Spermatophyta
Subdivision II - - Angiospermae
Class II - - - Dicotyledonae
Family - - - Leguminosae
Genus - - - Phaseolus
Species - - - coccineus
Variety - - - albus

White Dutch Runner
Bean; Bailey, page 574

Order?