

HORTICULTURAL.

PROPAGATION OF EVERGREENS—SEASON OF BUDDING—NORTHERN SPY APPLE—SUBSOIL PLOW. (E. F. E., Madison, Ohio). All kinds of hardy evergreens are propagated by seed, being the only mode in general practice. Apples, pears and cherries should be budded during the summer season, as soon as the terminal bud on the shoots from which it is wished to take buds is formed, as the wood of the scion is generally sufficiently matured at that time. The stock into which buds are desired to be inserted ought to be making such active growth that the bark will raise freely from the stock; otherwise it can not be performed successfully. The cherry is budded generally first, as it ceases growing earlier than other sorts, then pears, and after apples. When pears are worked on the quince stock, it may be deferred with safety much later, as the quince in good soil grows freely till frost. The *Northern Spy* apple fully maintains its reputation in Western New York, with those who cultivate it properly. The tree is of very upright habit and vigorous; therefore the head of the tree requires thinning out very much, and fully exposing the fruit and branches to the sun and light. You may then depend upon an abundant supply of the finest fruit.

One of the best subsoil plows is *Ruggles, Nourse & Mason's Patent*, which may be obtained through almost any house who have agricultural implements for sale.

BENBERRY SEED. (J. D., New Bedford.) **JAMES M. THORNBURN & Co.**, seedsmen, New York, offer it for sale at 75 cents per ounce.

PLEASE inform me the mode and time of planting the substantial kinds of fruit seeds, such as apples, pears and cherries—especially the last named—as we seldom, if ever, get the seed to sprout when brought from the States.—**GEO. W. HUNT—Sublimity, Marion Co., Oregon.**

Seeds of the apple, if not sown in the fall, should be kept through the winter mixed with clean, moist sand, or with fine peat or pulverized muck, and exposed to the frost, which will tend to split the exterior horny covering. Mixing with soil or loam causes more difficulty in sowing. The seeds may be sown in drills from one to two feet apart—better, if land can be afforded, three feet apart, that a cultivator may pass between. A sprinkling of fine manure, or of a compost of three parts peat or muck and one part of ashes, will assist in promoting the growth of the young plant. A writer in the *Horticulturist* gives the following as an eminently successful mode of raising pear seedlings: "Trench with a plow, and finish with a spade to a depth of *two feet*—not less. Compost to fill the trench is made of half a peck of iron filings or blacksmith's cinders, half a peck of slaked lime, half a peck of wood ashes, and a peck each of swamp muck and barn-yard manure, thoroughly mixed with a bushel of soil into a compost. The compost to be applied in the fall, and (the seeds having been kept through the winter as directed for apples) sown in spring." Cherry stones must not be allowed to become dry—to be mixed with clean moist sand. **J. P. THOMAS**, in his *Fruit Culturist*, says: "The best way to keep them till spring is to bury them in shallow pits on a dry spot of ground, covering them with flat stones and a

few inches of earth. Sow in spring very early, for the seeds sprout and grow on the first approach of warm weather."

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