

from Northern Europe and Asia to Madagascar and South Africa, and to the islands of Java and Sumatra.

The qualities required to constitute a perfect rod are extreme toughness, elasticity, a level, smooth, and brilliant white surface after peeling, good splitting quality, freedom from branches, great length of shoot in proportion to thickness, and a small pith. The development of a species which will produce such rods, and which at the same time is hardy and not liable to ordinary diseases, and a good cropper, is the end for which growers should strive. This demands that the greatest care should be exercised not only in the choice of species, but also in methods of culture. Good varieties give no results under careless methods; even inferior kinds will pay if well tended. It should be the object of every grower to lower the price and better the quality of his willow, for on this depends the future success of American osier culture. If rods equal to the French and cheaper in price can be put on the market, there will be an opportunity for a great expansion of basket and furniture manufactures, and the growers will more than make up in larger sales what they lose in price per pound. The net returns from properly managed plantations are estimated at from \$17 to \$76 per acre per annum for fourteen years.

The species usually planted are the Welsh or purple willow (*Salix purpurea*), the Lamley or Caspian Willow (*Salix pruinosa acutifolia*), the American green or almond willow (*Salix amygdalina*), and the white osier willow (*Salix viminalis*). This industry might find a place in Ontario, if not elsewhere in Canada.

YALE UNIVERSITY FOREST SCHOOL

NEW HAVEN, CONNECTICUT, U. S. A.

A TWO YEARS GRADUATE COURSE is offered, leading to the degree of Master of Forestry. Graduates of Collegiate Institutions of high standing are admitted upon presentation of their College diplomas.

THE SUMMER SCHOOL OF FORESTRY is conducted at Milford, Pike County, Penn. The session in 1905 will open July 5th and continue seven weeks.

FOR FURTHER INFORMATION ADDRESS

HENRY S. GRAVES, DIRECTOR
NEW HAVEN, CONN.