the State is subject, and which are so disastrous to the great wheat-grower and grazier, the small area required by the silk culturist can be easily irricated, and no danger from such cause need be apprehended. The many thousand little valleys in a cost till of the Storm Novada, of of the most principal and peter the subject in the su

there is room for more.

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Tobacco.—As with nearly every vegetable production in which California now claims superiority, so with tobacco, the fact of their adaptation to the soil and climate was only ascertained by trial and experiment. Many experiments in tobacco cultivation were made, and single stalks and beds were seen growing luxuriantly in different parts of the State as a rare plant, but its curing for the uses for which it is prized was deemed impracticable, but for reasons few could tell. Recently a process has been discovered and patented by Mr. J. D. Culp, of curing the weed, and with the aid of this it is now believed that California tobacco will surpass in excellence that produced in any other section of the Union, and equalling the renowned products of Cuba. This discovery has given a great incentive to the culture, and from the small experimental fields of a few years since there are now farms of hundreds of acres growing tobacco, the agregate, in 1874, being estimated at 1,400 acres, chiefly in Santa Clara County, of which about one-third was of the Cuban variety. The successes have been so very great that the number of acres will be largely increased. Tho yield of the Cuban, or Havana tobacco is at the rate of about 1,200 pounds per acre, worth fifty cents per pound, or returning \$500 gross per acre. The ordinary tobacco, however, brings a less price, but it is claimed that even this will return a profit of \$200 per acre. The patentees of the curing process exact a royalty of twenty per cent. upon the gross crop of all those who arrange with them to adopt it.

Corron.—Several of the staples of other States are contending for the first rank in this. Experiments have proven that "King Cotton" can flourish well on California soil, and its cultivation is advocated as far more profitable than the production of wheat. The most extensive experiments have been made by Colonel J. M. Strong, in Merced County, where one and a half bales were grown per acre, of better quality than is usually grown in the Southern States, and with less labor. One bale per acre is a large return in the Cotton States, and there the field must be plowed and hoed four times in the season; but the cotton grown on the Merced required hoeing but once. In the South, it is damaged and stained by the summer rains, and sometimes killed by frost, neither of which are to harm it in California. The cost of production in the most favored locality of the South is twelve coats per pound, while in California it is but eight cents. Such was the report of Colonel Strong in 1870, although the newspapers in the localities where cotton is most cultivated give the product at about 300 pounds per acre. The principal cotton fields are in Merced and Fresno counties, and it is also cultivated successfully in Colusa, Amador, Placer and other sections. In 1874 about 1,000 acres were planted in Fresno, and about the same in Merced, with an expected total product of 600,000 pounds of cotton, worth twenty cents per pound, the crop being reported as excellent. Such an amount will appear quite largely in the agricultural statistics, and will draw general attention to the subject. There are millions of acres of California soil adapted to the growth of cotton equally as well as the locality in Merced or Fresno counties, where the experiments have been made with such good results. This branch of agriculture opens another grand resource of the State awaiting devolopment. The light Sierra invite the manufacturer to apply them, and at no distant day we may expect to see near the fields where the cotton is produced the mills which prepar

FRUIT.—The capacity of California for the production of fruit is practically unlimited. The climate of lovely Los Angeles, where the grape, fig, orange, lemon, pomegranate and other tropical fruits grow to perfection in great fields and orchards, is the same as in the great valley of the Sacramento and other sheltered localities in the northern part of the State. The orange may be taken as an extreme proof of both capacity