There are presented the results of the climb annual lianas researches at the Botani-cal Garden of the Saratov State University for several years in this article. Morpho-metric parameters were studied: length of the metamere, number of leaves, number of shoots, flowers, the sizes of the limb and the diameter of the flower, leaf area of plants; the ratio of leaf area per unit of phytomass. Studied cultivars of ipomoea recommended for vertical gardening in the conditions of Saratov.