The objectives of this study are: 1) to analyze strategic components of agriculture at IRIAP into strategic objectives on four objectives of BSC approach, 2) to arrange strategy map, 3) to analyze the factors that become Key Performance Indicators (KPI) at IRIAP, 4) to arrange design of performance measurement at IRIAP.

According to the vision and mission review, there are twelve strategic goals which have been decided. Each of them belong to one KPI, they are (1) customers and stakeholders perspective namely IRIAP stakeholders satisfaction and IRIAP activities inclining such as community socializing, training, education, and partnership, (2) financial perspective has two KPI, there are DIPA’s cashgrants used by optimally and orderelly as the plan, fund amount, or partnership value, and also research activities and dissemination are having positive progress, (3) there are four KPI in Internal business processes, namely inclining in product innovation, technology, and IRIAP’s best farming product, increasing in science lecture publications on accreditation media press, inclining in product innovation, technology, and IRIAP’s certified farming commodities, the last is the existing of balitnak product innovation, (4) KPI in employee organization capacities perspective are the quality of IRIAP human resources become better, tutorial scientist satisfacation is increase, credible research infrastuctur, and the last is proportional number of scientist in each science term and aspect.

IRIAP’s strategy map shows causal relation between each strategy goals in balanced scorecard perspective. Strategy map at IRIAP is arranged from goal achievement in employee and organization capacities perspective into strategic goal in internal business perspective, financial perspective, and customers and stakeholders perspective. IRIAP review performance design with balanced scorecard gives more completed and measureable performance indicators than LAKIP one. The data of LAKIP as Annual Reporting form, could be used as basic material of performance review proccess.

Keywords: Balanced scorecard, measurement, Key Performance Indicator, Strategy map, IRIAP