

**RENCANA ANGGARAN BIAYA (RAB)
PEMULIAAN DAN PERBENIHAN TANAMAN**

No.	Jenis Barang	Rasio		Harga	Jumlah
1	Alat Peraga Portable Autoclave	1	Unit	31,625,000	31,625,000
2	Alat Peraga Biological Microscope	1	Unit	29,500,000	29,500,000
3	Alat Peraga Digital Balance	1	Unit	8,375,000	8,375,000
4	Alat Peraga PH Meter Digital	1	Unit	6,625,000	6,625,000
5	Alat Peraga Soil Acidometer	1	Unit	5,000,000	5,000,000
6	Alat Peraga Soil Driller Kit	1	Unit	16,875,000	16,875,000
7	Alat Peraga Soil Tensiometer	1	Unit	8,125,000	8,125,000
8	Alat Peraga Automatic Seed Counter	1	Unit	44,375,000	44,375,000
9	Alat Peraga Vacuum Seed Counter	1	Unit	22,500,000	22,500,000
10	Alat Peraga Grain Hardness Meter	1	Unit	31,875,000	31,875,000
11	Alat Peraga Grain Moisture Meter	1	Unit	15,625,000	15,625,000
12	Alat Peraga Meja Kemurnian	1	Unit	29,500,000	29,500,000
					250,000,000

**(SPESIFIKASI)
PEMULIAAN DAN PERBENIHAN TANAMAN**

No.	Jenis Peralatan	Deskripsi	Gambar
1.	Alat Peraga Portable Autoclave	Fungsi: Alat peraga untuk mensterilisasi suatu benda dengan menggunakan uap bersuhu dan bertekanan tinggi. Stainless Steel Material Tube Type : Timing Control Capacity : Minimum 18 L Time Setting : 1-99 Minutes Temperature Setting : RT +5 - 126 derajat celcius Power : 2 Kw Immersion Type Electric Heating Pipe	
2.	Alat Peraga Biological Microscope	Fungsi: Alat peraga untuk melihat benda / makhluk hidup yang berukuran sangat kecil. Illumination : Built-in Koehler Condenser : Abbe Type N.A. = 1.25 with Iris Diaphragm. Viewing Head : 30 degree inclined, 360 degree rotation. Magnification : 40X - 1000X Eyepiece : WF 10X, FOV=18mm. Nosepiece : Quadruple click-stop. Plan Achromatic Objectives : 4X, 10X, 40X (s), 100X (s, oil). Stage : Mechanical Stage, Size : Minimum 142x140 mm. Travel area 50 x 70 mm with a right-hand stage handle. Focusing : Coaxial coarse/fine focusing knobs Illuminator system, halogen 6V - 20W	
3.	Alat Peraga Digital Balance	Fungsi: Alat peraga untuk mengukur massa suatu bahan / benda dengan ketelitian 0.1 g. Capacity : Minimum 10000 g. Resolution : 0.1 g. Scale Pan Size : Minimum 175x145 mm. Power : DC 12V/6V/1.2AH.	
4.	Alat Peraga PH Meter Digital	Fungsi: Alat peraga untuk mengukur derajat keasaman (PH) larutan. PH Range 0.00-14.00PH. Resolution 0.01PH. Temperature Accuracy $\pm 1^{\circ}\text{C}$. Resolution 1°C PH Accuracy $\pm 0.05\text{PH}$ Temperature Range 0-60 $^{\circ}\text{C}$ * Resolution : 0.01N * Precision : $\pm 0.5\%$	



No.	Jenis Peralatan	Deskripsi	Gambar
5.	Alat Peraga Soil Acidometer	Fungsi: Alat peraga untuk mengukur keasaman tanah. Test depth : Maximum 6cm. PH Range : 3-8PH PH Accuracy : ± 0.2 PH * Moisture Range : 1-8% * Moisture Accuray : $\pm 1\%$	
6.	Alat Peraga Soil Driller Kit	Fungsi: Alat peraga untuk membuat lubang pada tanah dan mengambil sampel tanah pada kedalaman tertentu. * Soil depth : Maximum 2m. * Accessories : 1 brush, 1 spanner, 1 tape on 3 meters, 1 scraper, 1 handle and 4 tubes.	
7.	Alat Peraga Soil Tensiometer	Fungsi: Alat peraga untuk mengukur kadar lengas tanah. * Soil Irrrometer tensiometer is made up of pressure gauge, acrylic tube and ceramic probe. * Length : Minimum 120 cm * Testing Range : 0 - 1 Bar (1Bar = 100 Kpa)	
8.	Alat Peraga Automatic Seed Counter	Fungsi: Alat peraga untuk menghitung biji-bijian secara otomatis. * Count Range : * Small and middle sample : Minimum 0.7-4mm x 07-12 mm. * Big Sample : Minimum 3-10mm x 3-12 * Count accuracy : Big and middle sample : 2/1000; Small sample : 4/1000. * Count speed : 1000 / 3 min (can set faster) * Count number range : 1-99999.	
9.	Alat Peraga Vacuum Seed Counter	Fungsi: Alat peraga untuk penghitungan, penghisapan, dan penempatan benih dalam satu wadah dalam proses perkecambahan benih. * Power : 1200W 220V/50Hz * Voltage : 220V/50Hz * Suction plate : 5Pcs * Suction Size : Minimum 13x19cm (100 Holes, 50 Holes/Pcs) 11.5x11.5cm (100 Holes, 2pcs), Ø8cm (100 holes/pc) Include vacuum planting plates for big partical seeds.	
10.	Alat Peraga Grain Hardness Meter	Fungsi: Alat peraga untuk menguji / mengukur kekerasan biji-bijian. Parameter teknis : * Stainless Steel Material * Test Range : Minimum 20kg * Display : Pointer * Stress : Manual * Maximum Diameter : 18mm.	
11.	Alat Peraga Grain Moisture Meter	Fungsi: Alat peraga untuk mengukur kadar air pada biji-bijian. Parameter teknis : * Test object non metallic granulated materials such as cereal, wheat, rapeseed, soyben, vegetable seed, corn, feed, etc. Test Range : 3-35% * Attached function : Volume-weight conversion display, sample weight display, temperature display, average moisture content calculation.	
12.	Alat Peraga Meja Kemurnian	Fungsi: Alat peraga untuk melihat dan memilih benih (tidak tercampur dengan variates lain, kotoran maupun benih yang rusak) guna menjaga kualitas variates unggul. * Magnification : 0-7 times * Surface size : Minimum 360 x 330 cm * Table base size : Minimum 940 x 330 cm * Luminous panel size : Minimum 300 x 270 cm.	