



JABATAN PERUNDINGAN, PENYELIDIKAN & LATIHAN
SEBUTHARGA ANALISA MAKMAL ERAS, RISDA ESTATES 2024
MAKMAL KIMIA

FERTILIZER ANALYSIS - UNIT MAKMAL, RESB		
No.	TYPE OF ANALYSIS	PRICE (RM)
1	pH / EC	27.00
2	Water Soluble P	27.00
3	Water Soluble Mg	27.00
4	Water Soluble K	27.00
5	Moisture	27.00
6	Particle Size	27.00
7	Water Retention	27.00
8	Single Element - Heavy Metal - (Ex : As / Cd / Cr / Pb / Mo etc.)	27.00
9	Single Element - (P ₂ O ₅ / K ₂ O / MgO / B ₂ O ₃ / CaO)	27.00
10	Citric Acid Soluble-Phosphorus	36.00
11	CEC	78.00
12	Trace Element - (Cu, Zn, Mn, Fe)	106.00
13	Organic Matter (Elementar Analyzer)	107.00
14	Single Element - (N / C / S)	107.00
	PACKAGE :-	
15	N, P ₂ O ₅ , K ₂ O	155.00
16	N, P ₂ O ₅ , K ₂ O, MgO, B ₂ O ₃ ,	202.00
17	N, P ₂ O ₅ , K ₂ O, MgO, B ₂ O ₃ , Particle Size, Moisture	255.00
18	N, P ₂ O ₅ , K ₂ O, MgO, B ₂ O ₃ , CaO, Cu, Mn, Fe, Zn	264.00

****NOTA – Harga yang disenaraikan tidak termasuk caj 8% SST**



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SOIL ANALYSIS - UNIT MAKMAL, RESB		
No.	TYPE OF ANALYSIS	PRICE (RM)
1	Sample Preparation (Drying, Grinding, Sieving)	27.00
2	Moisture	27.00
3	Single Element - Heavy Metal - (Ex : As / Pb / Cd / Cr / Mo etc)	27.00
4	Extractable Al	36.00
5	Free Fe	90.00
6	Trace Element - - Cu, Mn, Fe, Zn	106.00
7	Single Element -	
	a. Ph / Konduktiviti	27.00
	b. Total P	27.00
	c. Available P	27.00
	d. EC (K, Ca, Mg, Na)	96.00
	e. CEC	78.00
	f. Total Nitrogen	107.00
	g. Organic Carbon	107.00
8	Organic Matter (Elemental Analyzer)	107.00
9	Mechanical Analysis - - Clay, Silt, Fine & Course Sand	120.00
	PACKAGE: -	
10	pH, Konduktiviti, TP, AP, K, Ca, Mg, Na, CEC, N, OC	252.00
11	pH, Konduktiviti, TP, AP, K, Ca, Mg, Na, CEC, N, OC, Cu, Mn, Fe, Zn	360.00
12	pH, Konduktiviti, TP, AP, K, Ca, Mg, Na, CEC, N, OC, Mechanical Analysis	375.00
13	pH, Konduktiviti, TP, AP, K, Ca, Mg, Na, CEC, N, OC, Mechanical Analysis, Cu, Mn, Fe, Zn	480.00

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FOLIAR ANALYSIS - UNIT MAKMAL, RESB		
No.	TYPE OF ANALYSIS	PRICE (RM)
1	Sample Preparation (Drying, Cleaning, Grinding)	27.00
2	Single Element - Heavy Metal - (Ex : As / Pb / Cd / Cr / Mo & etc)	27.00
3	Single Element - (P / K / Mg / Ca / B)	27.00
4	Trace Element - Cu, Mn, Fe, Zn	106.00
5	Single Element (Elementar Analyzer) - (N / C / S)	107.00
	PACKAGE :-	
6	N,P,K	150.00
7	N,P,K,Mg,B	198.00
8	N,P,K,Mg,B,Ca	222.00
9	N,P,K,Mg,B,Ca,Cu,Mn,Fe,Zn	318.00

****NOTA – Harga yang disenaraikan tidak termasuk caj 8% SST**



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COMPOST ANALYSIS - UNIT MAKMAL, RESB		
No.	TYPE OF ANALYSIS	PRICE (RM)
1	Sample Preparation (Drying, Grinding)	27.00
2	Single Element - Heavy Metal - (Ex : As / Pb / Cd / Cr / Mo & etc)	27.00
3	pH	27.00
4	Moisture	27.00
5	Single Element - (P / K / Mg / Ca / B)	27.00
6	CEC	78.00
7	Trace Element - Cu, Mn, Fe, Zn	106.00
8	Single Element (Elementar Analayzer) - (N / C / S)	107.00
9	Organic Matter (Elementar Analyzer)	107.00
	PACKAGE :-	
10	N,P,K	150.00
11	N,P,K,Mg,B	198.00
12	N,P,K,Mg,B,Ca	222.00
13	N,P,K,Mg,B,Ca,Cu,Mn,Fe,Zn	318.00
14	N,P,K,Mg,B,Ca,Cu,Mn,Fe,Zn, Moisture, Particle Size, C/N ratio	360.00

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MICROBES ANALYSIS - ERAS		
NO.	TYPE OF MICROBES	PROCE (RM)
1	PACKAGE :- HENDERSONIA, TRICHODERMA, LACTOBACILLUS & MYCORRHIZA	490.00
2	HENDERSONIA	130.00
3	TRICHODERMA	130.00
4	LACTOBACILLUS	150.00
5	MYCORRHIZA	80.00
6	PEDIOCOCCUS ACIDOLACTICI	150.00
7	PHOTOSYNTHETIC BACTERIA	150.00
8	BACILLUS SUBTILIS	150.00
9	BREVIBACILLUS BORSTELENSIS	150.00
10	YEAST	150.00
11	ACTINOMYCETES	150.00
12	NITROGEN FIXING BACTERIA	150.00
13	PHOSPHATE SOLUBILIZING BACTERIA	150.00
14	PROTEOLYTIC BACTERIA	150.00
15	K-MOBILIZING BACTERIA	150.00
16	ESCHERICHIA COLI (E.COLI)	150.00
17	SALMONELLA	150.00
18	PSEUDOMONAS AERUGINOSA	150.00
19	STAPHYLOCOCCUS AUREUS	150.00
20	TOTAL BACTERIA COUNT	150.00

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