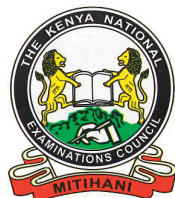


443/3 MS
AGRICULTURE PROJECT
MARKING SCHEME
Paper 3
Jan - Sept 2017



THE KENYA NATIONAL EXAMINATIONS COUNCIL

Kenya Certificate of Secondary Education

AGRICULTURE PROJECT: (443/3)

MARKING SCHEME

(CONFIDENTIAL)

This marking scheme is to be used when assessing the candidate's project.

The Agriculture Teacher concerned with the project assessment is reminded to keep this information confidential. No **candidate** or any **unauthorised** person should have access to this information either directly or indirectly.

This paper consists of 6 printed pages.

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PROJECT A: RABBIT REARING

GUIDELINES FOR MARKING CANDIDATES' PROJECTS

	Maximum Score
1. Housing	
Clean house	1
Appropriate bedding material considering texture and type	1
Adequate bedding material considering thickness of litter	1
Dry bedding material/ absence of wetness	1
Clean bedding material/ absence of soil or faecal matter	1
	(5 marks)
2. Feeding and watering	
Different types of feeds	1
Appropriate feed types	1
Provision of water	1
Provision of salt lick	1
Fresh feed	1
Clean feed and feeders	1
Clean water and waterers	1
	(7 marks)
3. Health of rabbits	
Signs of good health	1
Absence of ecto-parasites	1
	(2 marks)
4. Record keeping	
Availability of records (Any 3 x 1)	3
Dates the various activities and operations were carried out	1
(Award 1 mark for each activity/ operation up to a maximum of five marks)	5
Well organized records	1
	(10 marks)
	Subtotal for each Assessment 24 marks
	Total for three assessments (24 x 3) 72 marks
5. Initiative / Originality	
Consider unique practices carried out by a candidate which promote proper growth and health of rabbits.	
Award a maximum of 4 marks for each initiative identified (considering appropriateness and effectiveness) up to a maximum of 2 initiatives. (4 x 2)	(8 marks)
	Total (72 + 8) 80 marks

Note: Except for initiative/ originality, all the other aspects of the project will be assessed three times. During each assessment the project should be scored out of a maximum of 24 marks as shown in the marking scheme. The sum of three assessments added to the score on initiative/ originality should be out of 80 marks.

PROJECT A: RABBIT REARING

GUIDELINES FOR MARKING CANDIDATES' PROJECT REPORTS

The project report should be assessed out of 20 marks. The guidelines below should be followed to arrive at an objective score.

	Aspect of the project report	Maximum Score
1.	Project title Clearly written	1
2.	Introduction Stating aim of project	1
	Breed of rabbit kept	1
3.	Housing Description of the hutch	1
	Siting of the hutch	1
4.	Feeding Type of feed	1
	Quality and quantity of feed given daily	1
	Supplementary feeds	1
	Frequency of feeding	1
5.	Watering Provision of water(fresh/ adequate/ clean)	1
6.	Health Free from symptoms of disease	1
	Disease control measures put in place	1
	Free from parasites and parasite infestation symptoms	1
	Parasite control measures put in place	1
7.	Observation Achievements made	1
	Problems encountered and actions taken	1
8.	Results Consider results in relation to the aim and management of project	2
9.	Conclusion Consistent with the aim and operations	2
	Total	(20 marks)

PROJECT B: PRODUCTION OF CABBAGES/KALES
GUIDELINES FOR MARKING CANDIDATE'S PROJECTS

Maximum Score

1. Seedbed/ land preparation	
Timely land preparation	3
Appropriate tilth	4
Free from weeds	2
Uniform seedbed	1
Edges of plot are straight	1
Appropriate depth of cultivation	1
Correct plot dimensions	2
	(14 marks)
2. Crop establishment	
Timely planting	1
Correct depth of planting	2
Correct spacing	2
Appropriate crop stand/ coverage/plant population	3
Manure and fertilizer application	1
Crop vigour	2
Straightness of rows	2
	(13 marks)
3. Weed control	
Timely weeding	4
Thorough weeding	4
No effects of weeding on the crop e.g injury; burying of some foliage; exposure of some roots.	3
Maintenance of edges of the plot.	1
	(12 marks)
4. Pest and disease control	
Effectiveness of pest control considering symptoms, presence or absence of pests.	5
Effectiveness of disease control considering symptoms, presence or absence of diseases.	5
	(10 marks)
5. Other cultural practices	
Consider any other appropriate cultural practices applied to the crop e.g earthing up, gapping.	5
	(5 marks)

		Maximum Score
6. Soil and water management		
	Appropriate and effective soil and water management measures taken considering topography, climate and soil e.g. terracing, contour planting and ridging.	4
		(4 marks)
7. Harvesting and handling:		
	Avoidance of wastage during harvesting.	3
	Timeliness of harvesting.	2
		(5 marks)
8. Yield obtained:		
	Quality and quantity (to be) harvested compared to other candidates in the class	5
		(5 marks)
9. Initiative/ originality:		
	Consider other unique practices carried out by a candidate aimed at improving the growth and performance of the crop.	
	This aspect should be assessed any time during the course of the project.	
	(Award a maximum of 4 marks for each unique practice identified up to a maximum of 3)	12 marks
		(12 marks)
	<i>Total maximum marks</i>	80 marks

PROJECT B: PRODUCTION OF CABBAGES/KALES
GUIDELINES FOR MARKING CANDIDATES' PROJECT REPORTS

The project report should be assessed out of 20 marks. The guidelines below should be followed to arrive at an objective score.

Aspects of the project report		Maximum Score
1. Project title	Clearly written	1
2. Introduction	Stating the aim of the project	2
3. Seedbed preparation	Clearing the land using pangas/ slashers	1
4. Preparation	Appropriate tilth using jembes/ fork jembes	1
5. Planting	Application of manures/fertilizers Appropriate preparation of planting materials Details of planting procedure appropriate to the crop Application of pesticides	2
6. Weed control	Time of weed control Types of weeds Method of weed control	1
7. Pests control	Types of pests identified Types of damage caused Control measures taken	1
8. Disease control	Symptoms of diseases identified Control measures taken	1
9. Other crop management practices	Mulching, thinning, gapping and watering Soil and water management	2
10. Observations	Achievements and problem experienced	2
11. Harvesting	Method applied, tools and materials used and timeliness	2
12. Result/ yield	Considering quality and quantity (to be) obtained	2
13. Conclusion	Consistent with the aim/ management of the project	2
Total		(20 marks)