Soil washed away from gently slope – contour ploughing (other methods) 10 avoid fulenced Small cobs- addition of fertilizated manuring (1) and 1) avoid fulenced states of the states of Small cobs- addition of fertilizers/ manuring. 76 increase the size of cobs faster growth.

Stunted growth – liming/ fertilizer application / manuring. Downloaded from www.mutoonline.com, you can download more pastpapers lenges

The structure is muddy; they should construct a good foundation structure / floor with all Item 3 Expected responses Animals have standing hairs indicates parasites. She should spray with recommended Challenges AMSF She should give her animals a balanced ration to maintain the good health of her animals AMSS AMASM Should carry out castration of her young male animals since they can be easy to handle and take care of its / Brooth Growell. AMEA take care of its 1 Boost growth. Sne should mixthe ingredients in the following procedure; Get the desired ratio percentage and place in the center of the square. • Place the protein percentage of each ingredient at the left hand corners. • Subtract diagonally across the square, the small numbers from the large numbers The figures obtained at the right hand corners give the parts of the ingredients to be mixed in the ratio: As seen below. Aloscore for steps. Only score calculations. O Crylde protein 20% using o Maize bran 10% crude protein Proportions he would mix the maize bran and cotton seed cake 2 and 5 Maize 30 Pats Marzo bran Cotton cood to parts. AMSD Total parts = 40 Parts  $\frac{30}{40} \times 100 = 75\%$ Proportion of maize = Proportion of cotton seed cake =  $\frac{10}{40} \times 100 = 25\%$ Quantity of each ingredient needed Page 2 c © WAKISSHA© WAKISSHA Joint Mock Examinations 2024 Maize bran = farvesting =

Hem 3 Cotton seed cake =  $\frac{25}{100}$   $\times$  500kg = 125kgs So a farmer will need 375 kgs of maize bran and 125kgs of cotton seed cake to formulate this ration for his animals ESS- & Subsistence farming - Adopt modern methods of commercial agriculture. To increase feluns Item 4 AESL Local breeds- introduce exotic proven breeds which have high yielding capacity. AMS G Poor grazing systems- Adopt grazing management practices like using optimum stocking rate and concealing. To beast modulhan msp - Poor pasture management- manage the grazing pasture well by paddocking to facilitate ms 1 - Inbreeding among animals - practice cross breeding to best hybrid vigour Poor animal management - employ proper livestock management practices like proper feeding housing, vaccination and disease control. Unpalatable pastures species - Weed the unpalatable plants and over sow with legumes Parasites-Control parasites in the grazing land by draining marshy areas and spraying MS 2 m Long distance for water and pasture construction of valley dams/ boreholes. To supply adequate HSL- Low GDP- Adopt diversification in agriculture other than relying on animal production alone. Fo reduce risks Basis of assessment Item 5 Challenge (i) • He planted late his beans. (ii) He just slashed his garden area. ESU (iii) e He used a blunt hoe to dig out holes MSS (iv) Seed were of poor quality. MST (v) 12 The bean seeds were mixed with weed seeds. MSA (vi)M A few bean seeds were mixed w MSA (vii)M Bought more seeds germinated Will (vii) Bought more seeds for planting CMSU(viii)m Used wrong chemical for weed control (ix) Had no harvest at all. Solutions and justifications Should plan early to plant his crops as the season starts to get high yields. He should carry out cultivation to open up the land for aeration, good germination Should carry out good maintenance of tools like she was supposed to sharpen the CESV (iii) blade of the hoes to easy the cultivation activity. He should buy seeds for planting from a reliable source to have good germination He should carry out sorting of planting materials before planting to have clean planting materials for high yields.

He would have carried out/ should carry out seed dormancy test/ germinability test before he plants his seeds. To minute germinative which the bought other seeds to fill the gap because he had not tested to germinative which CM SA(vi) (viii) He should have used a selective herbicide or one should first read the instructions Had no harvests at all because he did not practice skills in crop farming. He should learn the don'ts and dos in crop farming to benefit profitably. storice = Downloaded from www.mutoonline.com, you can download more past CE COM CH 2 and 1-2 4 and Identify the materials, tools and equipment's. (hand noes, seeds, sisal string, rake, =08 Item 6 Challenge Expected responses watering, hand trowel, pangayPPE Put on PPE to protect yoursolf from injury. Clear the site of all surface vegetation, trees stumps and stones. Dig the soil by removing all he roots. Sterilize the soil. Create a raised platform if the area has a high moisture content. Plant the seeds using the recommended spacing and depth Cover the seeds using a thin layer of soil. Mulch the nursery hed. Construct a shade over the nursery bed. 2 and above Water/ irrigate according to the moisture demand. Harden off the seedlings. Transplant Shadding Control weeds. CESP - Mant seeds directly into the soil use an wisery - Steritizing the soil as awaste of time, They should sterilize to Control Using seeds from npe homatoes, Buy seeds from a retrable source to ensure /Encourage germinability / good germinability Use herbitides to clear land, is a appropriate methods of land clearing to prevent Killing of seeds Few loads germinated Carry out germinability tost before planting to improve germinability. To determine sortability. Stenderand week stems - Apply manure/Fertilizes to supply numberts Mottled leaver, Elle Clean planting materials to prevent page 4 of 2 disease spread.

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(xiii) Item 1 Expected responses Challenges Farmers keep their money at home. Rent rooms which are very expensive. Transport milk in jericanns They carry their milk in jerrican on their heads. Milk goes bad on boiling. (vi) Milk has bad flavor. (vii) Opamba (one famer) has no enough money to buy the machines. (viii) Milk has some hairs in it / un clean. (ix) Electricity bills are high Rooms are very hot (xi) (xii) (xiii) No score for challenges. Solutions and justification Farmers should keep their money in saving groups or open bank accounts for safety They should work in groups and share the bills of electricity and rentals to save money. PAST(iii) They should transport their milk using metal cans coated with aluminum. They are easily cleaned and safe for the milk. Asc(iv) Should get good means of transport since they are dealing with perishable products to reach faster to the selling points, be twe going bad Poor hygiene should be corrected. And keeping the milk in cool areas not their hot rentals/ freezing/ refrigeration n avoid milk going bad Milk has bad odour because of the poor hygiene in the transporting eans. They should maintain good hygiene before, during and after milking. To avoid tainting of milk | Neveloping They should start self-help groups and save so as to access credit to help them during the AS N(vii) scarcity of money.

Hensure

Should sieve the milk before transportation of quality goods. milk- | Grooming The animal before milking to avoid loose hair. (ix) 5 C(X) (xi) JV (xii) (xiii) Expected responses Carin 4 Continuous cultivation - practice bush fallowing to allow land to regain it's fertility. SSSM Monocropping - practice crop recation / intercropping while including legumes. To maintain Soil feethly Burn of vegetation - Allow them to decompose in the garden to release back the nutrients. Different colours on the leaves - Fertilizer application and manuring. To avoid nutrient deficiency SSF- Dry field - practice controlled irrigation/ mulching/ cover cropping to conserve soil moisture © WAKISSHAO WAKISSHA Joint Mock Examinations 2024 Page 1 of 4