

SUBJECT: AGRICULTURAL SCIENCE

CLASS: S S3

WEEK: 5

TOPIC: SYMPTOMS, EFFECTS, TRANSMISSION AND CONTROL OF SELECTED DISEASES.

VIRAL DISEASE	ANIMAL AFFECTED	MODE OF TRANSMISSION	SYMPTOMS	CONTROL/PREVENTION
Foot and mouth disease	Cattle, sheep and goat	Contact, air-borne, droplets of saliva, infected materials like urine, faeces.	Formation of blisters (skin vesicle filled with serum, watery animals fluid) on the skin, between and around the hooves, inflammation of teats and udder, salivation loss of weight.	Isolation of infected animals, burning or burying contaminated materials, timely vaccination.
Rinderpest disease	Cattle, sheep and goat	contact contaminated feed and water	High fever ,weakness, difficult breathing, blood-stained diarrhea, high mortality,loss of appetite	Timely vaccination, isolation of infected animals, restriction of infected animal movement within the farm.
Newcastle disease	Domestic fowl, turkey, goose ,duck, and guinea fowl	Through contaminated feed, water and litter.	Sneezing, nasal discharge and difficulty breathing, lack of appetite and diarrhea,paralysis,twisting of neck, cycling movement	Vaccination, good sanitation, disinfection of poultry building
Fowl pox	fowl	Through contaminated feeds, water and litter materials	Sores on the comb and wattles	Isolate the infected birds, practice good sanitation measures, apply iodine on the affected parts, and adopt routine vaccination.
Gumburo	birds	Through contaminated feeds, water and litters	Swelling of liver, spleen and kidney. The birds appear dull	Isolate infected birds to maintain good sanitation measures, adopt routine vaccination.