

Horse management and Agronomic Assessment of a Biosecurity Compromised property

ASPECT	CHARACTERISTIC	RELEVANCE	ACTION
<b>Horses</b>	Breed	Set characteristics for behaviour, nutrition and industry relevance	
	Weight	Nutrition and behaviour	
	Condition score (Frappe2007)	Nutrition and behaviour	
	Soundness	Effects behaviour	
	Age		
	Feet	Effects behaviour	
	Teeth	Nutrition and behaviour	
	Recent health history Vaccination Drench other treatments	Indicates level of management and effects nutrition and behaviour	
	Number in herd	Effects behaviour	
	Social status in herd	Effects behaviour	
	Interaction with other livestock/animals Cattle pigs cats dogs sheep goats etc other	Nutrition and behaviour and other exposures	
<b>Horse management</b>	Level and education of horses	Indicates level of management and effects behaviour	
	Owner Observations	Indicates level of management and horse behaviour	
	Horse tack and gear used and available	Indicates level of management behaviour and other biosecurity risks	
	Horse transport	biosecurity risks	
	Horses ridden/trained past 21 days	Effects behaviour biosecurity risks	
	Horse handled past 21 days and what activities	Effects behaviour biosecurity risks	
	Are the horse involved in events/ competitions/ tournaments racing/ breeding shows etc	Effects behaviour biosecurity risks	
<b>Property</b>	Number and size of paddocks	Nutrition and behaviour	
	Fence locations and type	Indicates level of management behaviour and other biosecurity risks	
	Watering system	Indicates level of management behaviour nutrition and other biosecurity risks	
	Facilities, yards stalls/tie-ups	Indicates level of management behaviour	

	crush round yard walkers etc		
	Paddock shelters	Effects behaviour	
	Stables	Indicates level of management behaviour	
	Shade trees	behaviour and other biosecurity risks	
	Feral animals pigs foxes cats deer,goats other	and other biosecurity risks	
<b>Pasture/forage</b>	Type	Nutrition and behaviour	
	Species	Nutrition and behaviour	
	Weeds	Nutrition and behaviour	
	Coverage	Nutrition and behaviour Indicates level of management	
	Stage of growth	Nutrition and behaviour	
	Estimated DM/ha	Nutrition and behaviour	
	Estimated growth DM/ha/day	Nutrition and behaviour	
	Grazing intensity and description of above In paddock / under trees	Nutrition and behaviour	
<b>Horse nutrition</b>	Daily feeding regime past 21 days	Nutrition and behaviour	
	% of concentrates	Nutrition and behaviour	
	%forage	Nutrition and behaviour	
	With forage and horse data calculate DE, % AminA intake, ADF/NDF %DM and total	Nutrition and behaviour	
	Forage, DE and protein excess/deficit	Nutrition and behaviour	
<b>Soils and topography</b>	Soil type	Forage peoduction, nutrition information for biosecurity assessment and behaviour	
	Soil profile	Forage	
	Soil chemistry	Characteristics for behaviour, nutrition information and for biosecurity assessment	
	Slope	Effects foraging behaviour	
	% slope by area	Effects behaviour and forage production	
	Creeks gullies dams	Effects behaviour	
<b>Vegetation</b>	Tree type vege type	Interaction with bats and behaviour	
	Location on property	Effects behaviour	
	% vegetation	Forage production/nutrition and behaviour	
<b>Climate</b>	Rainfall events past 30 days	Forage production/nutrition and horse behaviour	

	Frost events past 30 days	Forage production/nutrition and horse behaviour	
	Diurnal temperature past 30 days	Forage production/nutrition and horse behaviour	
	Wind direction and speed past 21 days	Horse behaviour	