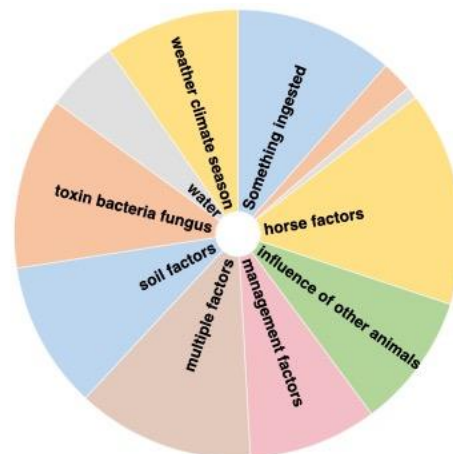


Crucible Social Media Call Out

Question 1 What do you think causes grass sickness?

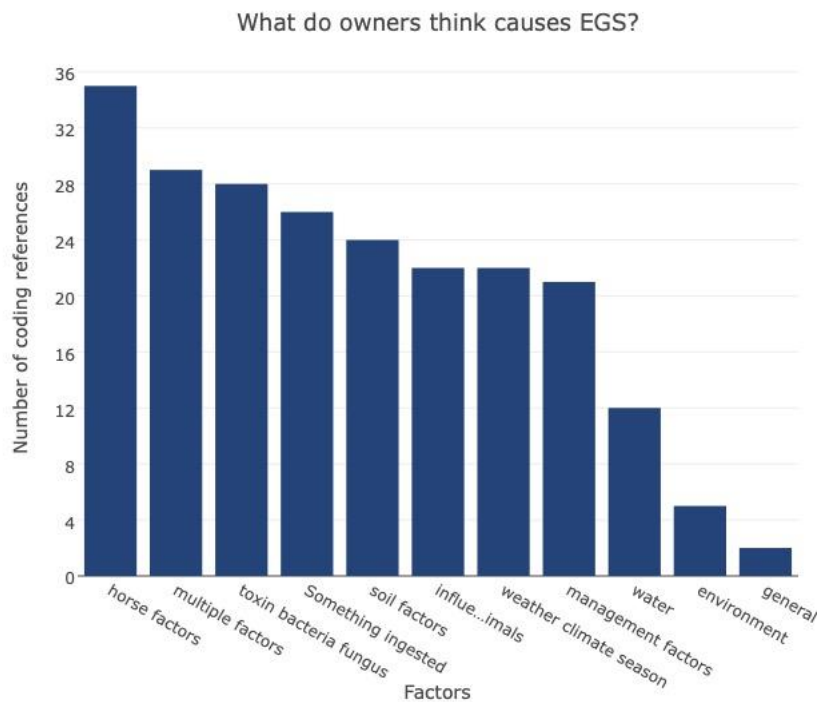
Tables of codes created can be found after the diagrams.

Fig 1 Hierarchy sunburst chart showing frequency overview

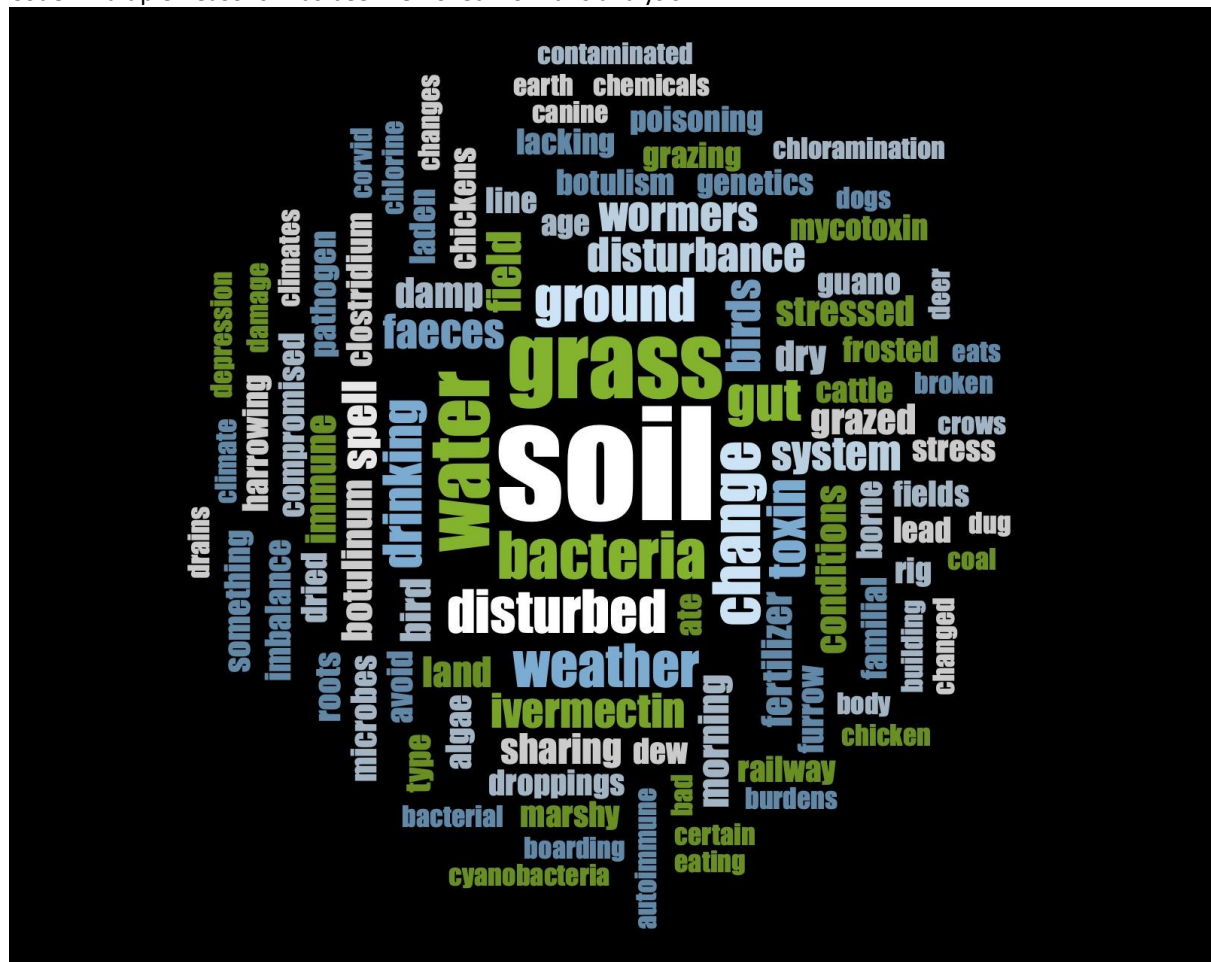


The smaller segments that are unlabeled are Environment (orange) and general (grey)

Fig 2 Chart Showing Overview Frequency of Responses to the Question “What do you think causes grass sickness?”



Code "Multiple Reasons" has been removed from this analysis.



Code	Factor	Response	Responses (n)
1	Something Ingested (food, water, soil)	Eats all-sorts farmer-made haylage frosted grass ate something avoid drinking soil laden water bacteria ingested morning dew birds sharing drinking water wormers grass dried-out ate something avoid Sycamore Ivermectin Triggered-in-grass. grass Rye-grass grass roots Algae water grass roots Change field wormers licking soil Grass Contaminated grass snacking on-hacks Ivermectin	26
2	Soil factors (disturbance)	Change soil Building work Dug field Disturbed ground soil erosion paddled-up depression soil disturbance soil disturbance soil disturbance harrowing broken soil soil marshy Ground disturbance rig furrow soil disturbed ground soil ground disturbed Disturbed ground Disturbed soil disturbed soil earth	24

Code	Factor	Response	Responses (n)
3	Multiple factors cited	Chemical reaction Combination Multiple things multiple things multiple things multiple things combination things combination things multiple factors multiple factors multiple causes multiple causes Multiple causes Multiple causes multiple causes certain reaction combination combination of causes multiple causes combination causes combination combination multiple causes multiple causes multiple causes combination causes multiple factors combination multiple factors	29

Code	Factor	Response	Responses (n)
4	Horse factors	Propensity Unique genetics Stressed immune-system compromised stressed stressed lacking nourishment lacking vitamins minerals Shock nervous system gut host sensitivity stress familial link immunity Genetics imbalance gut-bacteria imbalance gut-enzymes minor illness post-op recovery autoimmune ketone body muscle eating virus gut overwhelmed susceptibility robust gut compromised immune system worm burdens age worms damage immune system stress Strangles age stressful-events familial	35

Code	Factor	Response	Responses (n)
5	Weather, climate, season	Weather dry spell extremely wet spell Dry period frosted grass unusually hot spell damp/ moist weather foggy morning dew morning sunny spell-of-damp grass sickness weather mist dry summer grass dried-out Weather-conditions rained heavily Weather changes climate change micro-climates damp, sheltered, mild weather fluctuations temperature	22
6	Toxin, bacteria, fungus	Toxin surge botulism soil toxin Soil-borne pathogen Mycotoxin Botulinum C Soil-borne pathogen bacteria soil bacteria multiply rapidly gut paralysis botulism bacteria-soil Clostridium botulinum type C toxin ground mycotoxin cyanobacteria Bacterial toxins parasite toxin Clostridium Botulinum pathogenic bacteria fungus growth mycotoxins soil microbes grass microbes mould Toxin soil bacteria soil toxic	28

Code	Factor	Response	Responses (n)
7	Influence of other animals	chickens roam Guano fertilizer bird droppings bird droppings corvid-type scavengers birds sharing drinking water chicken muck deer bird sanctuary Crows pigeons gulls sheep grazing land rabbit faeces pigeon faeces grazed cattle cattle grazed land Chickens Birds canine faeces fox faeces dogs	22
8	water	drinking soil laden water birds sharing drinking water field drains underground marshy stagnant water Chemicals water-supply Fluoride Chlorine chloramination Algae water stream water lead poisoning	12

Code	Factor	Response	Responses (n)
9	Management factors	Guano fertilizer poor conditions harrowing wormers Fertilizer Ivermectin changed boarding Fertilizers fields not-rested fields not-rotated rig furrow Change Over-grazing Change herd Change field wormers change moving premises Ivermectin regularly topped intensively grazed	21
10	Environment	railway line excess iron land coal mining railway line lead poisoning	5
11	General	bad-luck bad luck certain conditions.	3

some factors appear in more than one code