



Components of a sheep worm control program (including fluke)

Sheep producer self-assessment table

Scores based on answers and rating for each question and section, presented as a 'wagon wheel' showing strengths and areas that need attention.

See how you rate yourself in the following key areas for sheep worm control.

A	Worm Testing
B	Treatments
C	Paddock management
D	Flock management
E	Tools & knowledge

Instructions

1. For each question, select the closest answer to your current practices.
2. At the end, put scores on wagon wheel to see your results.

	Question	1	4	8	10
1	Do faecal worm egg count monitoring?	No. Don't monitor	Do own worm egg counts or done by non-accredited lab, total $\leq 3x/\text{year}$	Each ewe mob tested $>3x/\text{year}$, at WEC QA accredited provider	Every mob, every month tested at lab (WEC QA accredited provider)
2	Do worm identification?	No. Don't know worm types on farm.	Send sample for worm ID once per year	Do worm ID 6 times per year	Every mob, every month has worm ID
3	Do drench checks?	Never	14 day post-drench check $2x/\text{year}$	D0 and 14 day post-drench check $4x/\text{year}$	D0 and 14 day check after every drench
4	Do drench resistance tests (FECRT)?	Never	5-10 years ago	2-5 years ago	< 2 years ago
5	Use processor feedback?	Not used	Know carcase weights and growth rates of lambs	Know all conditions diagnosed, take action to prevent some	Prevent all diagnosed disease conditions by treating dogs, etc.
6	Use effective drenches?	Don't know	Use drenches we think will work e.g.	Mostly use drenches tested	Only use drenches with $>95\%$ efficacy

Dawbuts self-assessment tool

			triples, new drenches	>95% overall efficacy	against each worm species on farm
7	Use combination drenches?	No. Use single active drenches	Use mostly singles, some combinations	Usually use combination products except for vaccine/mox formulations	Don't drench OR only use combination products
8	Use long-acting injections and capsules?	Yes	Yes, but always give primer	Yes, always give primer and exit drench	No, OR always give >95% effective primer and exit drench.
9	Quarantine drench introduced stock?	No. Don't do it	Drench with single active	Drench with triple or 'new' drench	All stock given 4 actives including a 'new', held in quarantine paddock 1w
10	Keep drench product records?	No records	Read dose table. Store in secure cupboard. Record drenches used and dates	Read whole label. Record drenches used and dates, record WHP (withholding period) for each mob in diary	Record drenches used and dates, batch number and expiry dates, link WHP to electronic eartags,
11	Have paddock map for worm contamination?	No. None	Some idea of paddock worm burdens	Know worm egg count of mobs in all paddocks	Traffic light system all paddocks
12	Prepare low-risk weaning and lambing paddocks?	No plan	Put ewes and weaners into paddocks spelled for 3 months	Prepared using cattle, appropriate length spelling, dry stock, hay, crop,	Pasture larval counts OR Tracer sheep put on prepared paddocks to check they're clean
13	Use Barbervax or Bioworma?	No	Yes, Barbervax only OR Yes, Bioworma only		Yes to both Bioworma and Barbervax
14	Water supply?	Creeks, springs	Dams	Some clean dams, some troughs	No dams. All troughs + Fence off swamps creeks, springs
15	Use paddock rotation?	Same paddocks year-round (set stocking)	Rotate and spell paddocks	Rotate and spell paddocks, drench prior to moving	Cross-graze with cattle or dry stock. Rotate paddocks every 4-7 days depending on season.

16	Select rams (and/or ewes) for WEC ASBV?	No	Use ASBVs, WEC a minor component	Use ASBVs, WEC a major component	Use ASBVs, WEC top priority
17	Use ultrasound pregnancy scanning?	No	Yes- Pos/neg	Yes- Singles & twins	Yes- Singles & twins, early & late
18	Body Condition Score ewes?	No	Once per year	3 times per year	6 times/year, keep records
19	Manage nutrition?	Pasture only, seasonal variation in nutrition	Pasture + supplements when grass low	Pasture + supplements available 9m of the year, feed according to BCS	Feed for resilience. Pasture allocation + supplementation according to metabolic needs, year-round
20	Check signs of worms in sheep?	Not noted	Note dags or scours	Check colour of lower eyelids if dead sheep present	Check range of signs, each time sheep in yard and record observations
21	Use weigh scales?	Not used	Used to select lambs for turn-off	Used to check growth rates of lambs, dose rates for mob	Used for individual dose rates, all mobs
22	Care for drench guns and backpacks?	No care	Detach from backpack, clean guns after use	Clean guns after use, lubricate and store in clean dry cupboard	Use correct guns and tubing. Calibrate before each use
23	Make drench decisions based on evidence?	Calendar-based OR when sheep look wormy (dags, scours, lying down, deaths)	Management event e.g. after shearing & pre-lambing OR when sheep show signs of worms	WEC used to guide drench decisions, except for pre-lambing and weaning	Only drench sheep if WEC and Season, Nutrition, Animal factors, and Paddock (SNAP) indicate
24	Have annual strategic whole-farm plan?	No	Key events highlighted	Key events and risks highlighted and contingencies planned	Yes. Devised by veterinary parasitologist
25	Know parasitology? - worm types and biology, drench types, resistance patterns, seasonal updates	No	Read drench labels	Read WormBoss articles and updates	WormBoss training course + certificate completed.

