KEY	
PPE	Personal Protective Equipment
P	Prevention
T	Treatment

2025 version

Natural Products	Active Ingredient	Company Name	Biosafty Efficacy (P=prevention / T=treatment)	Use	Ticks	Price per 70kg ewe	Price per 33kg lamb	Indicative UK Price (average per pack)2025	PPE Needed	Safe to Shear	Environmental Impact (flora and fauna)	Meat Withdrawal (days)	Sources (product costs)	Sources (dosage calculations)
Hebiko Fly Combo 50C	Cina, Staphisagria, Sulphur, Psorinum, Lac-h. concentrated plant derivatives	Hebiko Homeopathic Pharmac.	Prevention (P)	Not known	some effect	approx 5 per water trough dose for each field of sheep (weekly doses recommended)	approx 5 per water trough dose for each field of sheep (weekly doses recommended)	£23.00 (6 soft bottle)	No	No shear restriction	Low toxicity environmenal impact	no withdrawal period	Hebiko.com	
Biosafty Reset	Barrier health	Barrier health	Prevention (2 weeks) and Treatment (P+T)	Yes	Yes	£0.80 per ewe (5L)	£0.30 per lamb (5L)	£168.99 (5L)	No	No shear restriction	Low toxicity environmenal impact	no withdrawal period	Barrier Health	
Tea Tree Oil/Aloe	neem/ Aloe	neem/ Aloe	Treatment (T)	not known	not known	£1.20 per sheep (each treated if some 15 mlEton a watch	£1.20 per sheep (each treated if some 15 mlEton a watch	£12.00 (500ml) also 15 ml/sheep	No	No shear restriction	Low toxicity environmenal impact	no withdrawal period	source Aloe	
Ivermectin	Ivermectin and amoxicillin trihydrate and fenbuconazole mesylate (P)	Ceva	Prevention and Treatment (P+T)	No	No	£0.20 per lamb (5L)	£0.20 per lamb (5L)	£93.50 (5L)	No	No shear restriction	Low toxicity environmenal impact	49 days	Ceva Vet Shop	

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CLIP	Diazinon (IGR)	Elanco AH	Prevention (16 weeks) (P)	No	No	£1.25 per ewe (2.2L) / £1.73 per ewe (5L)	£1.00	£116.99 £139.99 (2.2L-5L) excl VAT	YES (wear synthetic rubber gloves, face mask and PVC trousers when applying; wash hands and exposed skin after handling; treated animals; remove contaminated clothing and wash skin if exposed; rinse eyes or seek medical advice if exposed or ingested; avoid eating, drinking or smoking during use)	Do not shear for 3 months after treatment	The product is harmful to sheep (Neurotoxic) poses a serious risk to aquatic life; treated sheep must be kept away from watercourses for at least one hour after treatment.	42	https://www.clipdipandtick.com/clip-sheep-spray	https://www.noahcompendium.co.uk/?vin=-1731748&mrsearchcriteriaid=highlight
CLIP EXTRA	Diazinon (IGR, higher strength)	Elanco AH	Prevention (19 weeks) (P)	No	No	£2.25 per ewe (2.2L) / £3.75 per ewe (5L)	£1.80 per lamb (2.2L) / £3.00 per lamb (5L)	£116.99 – £209.99 (2.2L-5L) excl VAT	YES (wear synthetic rubber gloves and PVC trousers when handling; wash skin and remove contaminated clothing if exposed; wash hands after use; avoid eating, drinking or smoking; minimise handling of treated sheep and wear protective clothing if feasible within 5 months.	Do not shear for 3 months after treatment	Treated sheep must be kept away from watercourses for at least one hour after treatment to prevent serious risk to aquatic life.	42	https://www.clipdipandtick.com/clip-sheep-spray	https://www.noahcompendium.co.uk/?vin=-1731595
CLIZON	Diazinon (IGR)	Elanco AH	Prevention (8 weeks) (P)	No	No	£2.24 per ewe (2.2L) / £3.73 per ewe (5L)	£1.49 per lamb (2.2L) / £2.29 per lamb (5L)	£136.80 - £216.38 (2.2L-5L) excl VAT	YES (avoid skin and eye contact as the product may cause irritation; wear synthetic rubber gloves and PVC trousers; wash skin and remove contaminated clothing if exposed; wash hands after use; avoid eating, drinking or smoking; minimise handling of treated sheep and wear protective clothing if feasible within 5 months.	Do not shear for 3 months after treatment	Treated sheep must be kept away from watercourses for at least one hour after treatment to avoid serious risk to aquatic life.	7	https://www.clipdipandtick.com/clip-sheep-spray	https://www.noahcompendium.co.uk/?vin=-1731608&mrsearchcriteriaid=highlight
Crovect	Cypermethrin	Elanco AH	Prevention and treatment (8-8 weeks) (P+T)	Kills existing lice	Persistent efficacy against licks up to 12 weeks	£1.36 per ewe (2.2L) / £0.96 per ewe (5L)	£1.01 per lamb (2.2L) / £0.72 per lamb (5L)	£73.96 - £119.99 (2.2L-5L) excl VAT	YES (mixer-applicator + accuracy filter); wear eye protection, protective clothing, rubber gloves and boots (and a disposable face mask when fan-spraying); avoid inhalation; wash skin and eyes immediately if exposed; remove contaminated clothing; wash hands after use; avoid eating, drinking or smoking; accypermethrin may cause skin and eye irritation;	Do not shear for 3 months after treatment	As a precaution, treated sheep must be kept away from watercourses for at least one hour following treatment.	8	https://www.clipdipandtick.com/crovect-pour-on	https://www.noahcompendium.co.uk/?vin=-478847
Dectospot 10 mg/ml	Deltamethrin (10 mg/ml) spot-on	Bimeda	Treats established ticks; control of flies (T)	0-6 weeks reduction in incident	Persistent efficacy against licks up to 6 weeks	£0.10 per ewe (250ml) / £0.59 per ewe (1L) / £2.63 per ewe (2.5L)	£0.10 per lamb (250ml) / £0.99 per lamb (1L) / £2.03 per lamb (2.5L)	£35.66 - £169.00 (250ml, 2.5L, 1L) excl VAT	YES (wear protective clothing (impervious gloves, waterproof apron and boots) when applying; avoid skin contact; wash hands after use; remove contaminated clothing; avoid inhalation; avoid eye contact; rinse eyes or mouth and seek medical advice if exposed; wash hands before eating, drinking or smoking; deltamethrin may cause skin irritation.	Do not shear for 3 months after treatment	Deltamethrin is very toxic to dung fauna, aquatic organisms and honey bees, persists in soils and may accumulate in sediments; risk is reduced by limiting repeated use and keeping treated sheep out of watercourses for at least one hour after treatment.	35	https://www.dectospot.com/product/dectospot-spot-on	https://www.noahcompendium.co.uk/?vin=-1609928&mrsearchcriteriaid=highlight
Delfonil (cattle & sheep)	Deltamethrin 10 mg/ml	Virbac	Treats established ticks; reduces breaflfly incidence up to 8 weeks (T)	0-6 weeks reduction in incident	Persistent efficacy against licks up to 6 weeks	£0.82 per ewe (1L) / £2.70 per ewe (2.5L)	£1.53 per lamb (1L) / £5.08 per lamb (2.5L)	£76.92 - £135.00 (1L - 2.5L) excl VAT	YES (people with hypersensitivity should avoid contact; wear protective clothing (impervious gloves, waterproof apron and boots) when applying or handling treated animals; wash skin and remove contaminated clothing if exposed; rinse eyes or mouth and seek medical advice if exposed; wash hands before meals; avoid eating, drinking or smoking; deltamethrin may cause skin irritation.	Do not shear for 3 months after treatment	Deltamethrin is very toxic to dung fauna, aquatic organisms and honey bees, persists in soils and may accumulate in sediments; risk is reduced by limiting repeated use and keeping treated sheep out of watercourses for at least one hour after treatment.	35	https://www.delfonil.com/product/delfonil-sheep-pour-on	https://www.noahcompendium.co.uk/?vin=-1609278&mrsearchcriteriaid=highlight
Xpect	Alphacypermethrin (pyrethroid)	Zoetis	Prevention and treatment (8-10 weeks) (P+T)	Kills existing lice	Persistent efficacy against licks up to 8-12 weeks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	49	https://www.fbc-fenacu.co.uk/xpect-deadeyeye-pour-on-sheep/	
Knockfly 12.5 mg/ml	Cypermethrin 12.5 mg/ml	Bimeda	Prevention & treatment of blowfly, control headflies (P+T)	Kills existing lice	Treats ticks	£0.78 per ewe (2.5L) / £0.47 per ewe (5L)	£0.59 per lamb (2.5L) / £0.51 per lamb (5L)	£69.03 - £90.51 (2.5-5L) excl VAT	YES (harmful if swallowed and may cause skin, eye or respiratory irritation; avoid contact and keep children away; use in well-ventilated areas; wear eye protection, protective clothing, gloves and boots (and face mask if fan-spraying); wash skin and eyes if exposed; remove contaminated clothing; wash hands after use; do not eat, drink or smoke; seek medical advice if ingested or irritation persists.	Do not shear for 3 months after treatment	Cypermethrin is extremely toxic to aquatic and dung organisms, keep treated sheep away from watercourses for at least 12 hours; limit use to one treatment per year per pasture; and avoid repeated treatments to prevent long term effects on dung insects.	8	https://www.clipdipandtick.com/knockfly-pour-on	https://www.noahcompendium.co.uk/?vin=-625512
Fly & lice spot-on	Deltamethrin	Zoetis	Treats established ticks (T)	0-6 weeks reduction in incident	Persistent efficacy against licks up to 6 weeks	£0.31 per ewe (250ml) / £3.63 per ewe (1L)	£0.26 per lamb (250ml) / £0.62 per lamb (1L)	£63.80-102.78 (250ml-1L)	YES (wear protective clothing (gloves, boots, waterproof apron) when applying or handling treated animals; avoid eating, drinking or smoking; wash skin after use; remove contaminated clothing; rinse eyes or mouth if exposed and seek medical advice; as deltamethrin may cause skin irritant	Do not shear for 3 months after treatment	Dangerous to fish and other aquatic life. Do not contaminate ponds, watercourses or ditches with the product or used container.	35	https://www.fbc-fenacu.co.uk/fly-lice-spot-on-merials	https://www.noahcompendium.co.uk/?vin=-890578&mrsearchcriteriaid=highlight
Flybane	Deltamethrin	Dowdstod	Treats established ticks (T)	0-6 weeks reduction in incident	Persistent efficacy against licks up to 6 weeks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	35	https://www.perkinsfood.co.uk/product/flybane/	
Fly Off	Cypermethrin	United Farmers	Prevention and treatment (8-8 weeks) (P+T)	Kills existing lice	Persistent efficacy against licks up to 12 weeks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	8	https://www.thefarmflyeasyapplicator.co.uk/country-of-fly-off-pour-on-solution-for-sheep	
Maldrite 12.5 mg/ml	Cypermethrin 12.5 mg/ml	Mole Valley	Prevention and treatment (8-8 weeks) (P+T)	Kills existing lice	Persistent efficacy against licks up to 12 weeks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	8	https://www.molevalley.com/maldrite-pour-on-10-1000075	
Spotlaser 10 mg/ml	Deltamethrin 10 mg/ml	Norbrook	Treats established ticks (T)	0-6 weeks reduction in incident	Persistent efficacy against licks up to 6 weeks	£0.30 per ewe (250ml) / £1.38 per ewe (500ml) / £1.89 per ewe (1L) / £3.63 per ewe (2.5L)	£2.49 per lamb (250ml) / £5.99 per lamb (500ml) / £1.57 per lamb (1L) / £5.20 per lamb (2.5L)	£10.79-£100.19 (250ml-2.5L)	YES (people sensitive to deltamethrin or medium-chain triglycerides should avoid contact; wear waterproof apron, boots, and gloves; wash skin, hands, and contaminated clothing after use; avoid eating, drinking, or smoking; rinse eyes or mouth if exposed and seek medical advice; wash hands before meals; deltamethrin may cause skin irritation	Do not shear for 3 months after treatment	Deltamethrin is very toxic to dung fauna, aquatic organisms, and honey bees; residues excreted for up to 3 weeks can reduce dung feeding organisms, slow dung degradation, persist in soils, and accumulate in sediments.	35	https://www.storkvetsupply.com/spotlaser-sheep/	https://www.noahcompendium.co.uk/?vin=-475193
Stockvet 1.25%	Cypermethrin	Dowdstod	Prevention and treatment (8-8 weeks) (P+T)	Kills existing lice	Treats ticks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	8	https://www.perkinsfood.co.uk/product/stockvet/	
Xenexpect	Alphacypermethrin	Dowdstod	Prevention and treatment (8-10 weeks) (P+T)	Kills existing lice	Persistent efficacy against licks up to 8-12 weeks			??	YES (wear protective clothing, gloves and boots; protect eyes and use disposable face mask)	Do not shear for 3 months after treatment	Harmful to aquatic organisms; avoid contamination; may effect dung insects	49	https://www.mintonsdawn.co.uk/products/dowdstod-xenexpect-pour-on-for-sheep	