

**Table 1. Endectocides labeled for use against lice**

Mfr	Brand name	Active ingredient	Target parasites	On-animal use (see label for details)	Pre-harvest interval (days)
Bimeda	Bimectin® Injection for Cattle and Swine	ivermectin (1%)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	Bimectin® Pour-On for Cattle	ivermectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	48
Boehringer	EPRINEX® Pour-On for Cattle	eprinomectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef and dairy cattle	0
	IVOMEC® 1% Injection for Cattle and Swine	ivermectin (1%)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	IVOMEC® Plus Injection for Cattle	ivermectin (1% w/v) + clorsulon (10% w/v)	gastrointestinal roundworms, adult liver flukes, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	21
	IVOMEC® Pour-On for Cattle	ivermectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	48
Elanco	Cydectin® Injectable Solution for Beef and Nonlactating Dairy Cattle	moxidectin (10 mg/ml)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	21
	Cydectin® Pour-On for Beef and Dairy Cattle	moxidectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef and dairy cattle	0
Huvepharma	Agri-Mectin® Injection for Cattle and Swine	ivermectin (1%)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	Agri-Mectin® Pour-On for Cattle	ivermectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	48

\*Not labeled for use on lactating dairy cattle.

**Table 1. Endectocides labeled for use against lice (continued)**

Mfr	Brand name	Active ingredient	Target parasites	On-animal use (see label for details)	Pre-harvest interval (days)
Norbrook	Eprizero® Pour-On for Beef and Dairy Cattle	eprinomectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef and dairy cattle	0
	Noromectin® Injection for Cattle and Swine	ivermectin (1%)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	Noromectin® Plus Injection for Cattle	ivermectin (1% w/v) + clorsulon (10% w/v)	gastrointestinal roundworms, adult liver flukes, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	21
	Noromectin® Pour-On for Cattle	ivermectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	48
VetOne	Vetrimec™ 1% Injection for Cattle and Swine	ivermectin (1%)	gastrointestinal roundworms, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	Vetrimec™ Plus w/ Clorsulon Injection for Cattle	ivermectin (1% w/v) + clorsulon (10% w/v)	gastrointestinal roundworms, adult liver flukes, lungworms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	21
	Vetrimec™ Pour-On for Cattle	ivermectin (5 mg/mL)	gastrointestinal roundworms, lungworms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	48
Zoetis	Dectomax® Injectable Solution	doramectin (1%; 10 mg/mL)	gastrointestinal roundworms, lungworms, eye worms, cattle grubs, sucking lice, mange mites (see label for detailed list)	beef cattle*	35
	Dectomax® Pour-On	doramectin (0.5%; 5 mg/mL)	gastrointestinal roundworms, lungworms, eye worms, cattle grubs, biting and sucking lice, horn flies, mange mites (see label for detailed list)	beef cattle*	45

Prior to using any product mentioned in this article, carefully read and follow all available instructions, warnings, and safety information made available by the product's manufacturer. \*Not labeled for use on lactating dairy cattle.

**Table 2. Insecticides labeled for use against lice**

Mfr	Brand name	Active ingredient	Application method	On-animal use (see label for details)	Pre-harvest interval (days)
Control Solutions	Martin's® Cyonara™ Lambda Pour-On Topical Insecticide	lambda-cyhalothrin (1%)	pour-on	beef cattle*	0
	Martin's® Cyonara™ Plus Pour-On Topical Insecticide	lambda-cyhalothrin (1%) + PBO (5%)	pour-on	beef cattle*	0
	Martin's® Fly-Ban Synergized Pour-On	permethrin (7.4%) + PBO (7.4%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Martin's® Permethrin 1.0% Synergized Pour-On	permethrin (1%) + PBO (1%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Martin's® Permethrin 10% Multipurpose Insecticide	permethrin (10%)	spray	beef and dairy cattle	0
	Martin's® Permethrin SFR Termiticide/Insecticide	permethrin (36.8%)	spray, backrubber	beef and dairy cattle	0
	Stryker™ Insecticide Concentrate	natural pyrethrins (6.0%) + PBO (60%)	spray	beef and dairy cattle	0
	Vector-Ban™ Plus	permethrin (10%) + PBO (10%)	spray, dip, sponge	beef and dairy cattle	0

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**Table 2. Insecticides labeled for use against lice (continued)**

Mfr	Brand name	Active ingredient	Application method	On-animal use (see label for details)	Pre-harvest interval (days)
Elanco	Clean-Up™ II Pour-On Insecticide with IGR	diflubenzuron (3.0%) + permethrin (5.0%)	pour-on	beef and dairy cattle	0
	Co-Ral® Fly and Tick Spray	coumaphos (6.15%)	spray, backrubber	beef and dairy cattle older than 3 months	see label
	Co-Ral® Livestock Dust	coumaphos (1%)	dust bag, shaker can	beef and dairy cattle	0
	CyLence® Pour-On Insecticide	cyfluthrin (1%)	pour-on	beef and dairy cattle	0
	Permethrin® CDS Pour-On Insecticide	permethrin (7.4%) + PBO (7.4%)	pour-on, spray, backrubber	beef and dairy cattle	0
	Permethrin® II	permethrin (10%)	spray, backrubber	beef and dairy cattle	0
	Permethrin® Pour-On Insecticide	permethrin (1%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Permethrin™ Fly & Louse Dust	permethrin (0.25%)	dust bag, shaker can	beef and dairy cattle	0
	Rabon™ 3% Livestock Dust	tetrachlorvinphos (3.0%)	duster	beef and dairy cattle	0
	Rabon™ 50 WP Insecticide	tetrachlorvinphos (50%)	spray	beef cattle*	0
	Ravap™ E.C.†	tetrachlorvinphos (23.0%) + dichlorvos (5.3%)	spray, backrubber	beef and dairy cattle older than 6 months	0
	Vapona® Concentrate Insecticide†	dichlorvos (40.2%)	spray	beef and dairy cattle older than 6 months	1

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**Table 2. Insecticides labeled for use against lice (continued)**

Mfr	Brand name	Active ingredient	Application method	On-animal use (see label for details)	Pre-harvest interval (days)
Merck	Atroban® 11% EC	permethrin (11%)	spray, backrubber, oiler	beef and dairy cattle	0
	Atroban® 42.5% EC	permethrin (42.5%)	spray	beef and dairy cattle	0
	Boss® Pour-On Insecticide for Beef and Dairy Cattle and Sheep	permethrin (5%)	pour-on	beef and dairy cattle	0
	Saber™ Pour-On Insecticide	lambda-cyhalothrin (1%)	pour-on	beef cattle*	0
	Synergized DeLice® Pour-On Insecticide	permethrin (1%) + PBO (1%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Ultra Boss® Pour-On Insecticide for Cattle, Sheep, Goats and Horses	permethrin (5%) + PBO (5%)	pour-on, backrubber	beef and dairy cattle	0
	Ultra Saber™ Pour-On Insecticide	lambda-cyhalothrin (1%) + PBO (5%)	pour-on	beef cattle*	0
MGK	Evergreen® Pro 60-6 Multi-Purpose Insecticide	natural pyrethrins (6.0%) + PBO (60.0%)	spray	beef and dairy cattle	0
	Evergreen® Pyrethrum Concentrate	natural pyrethrins (5.0%; organic)	spray	organic beef and dairy cattle	0
	Riptide® Waterbased Pyrethrin ULV	natural pyrethrins (5.0%) + PBO (25%)	spray	beef and dairy cattle	0
	Sector® Misting Concentrate	permethrin (10.0%) + PBO (10.0%)	spray, dip, sponge	beef and dairy cattle	0
	ULD® BP-100	natural pyrethrins (1%) + PBO (5%)	spray	beef and dairy cattle	0
Neogen	Prozap® Insectrin 1% Pour-on Xtra	permethrin (1.0%) + PBO (1%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Prozap® Insectrin CS	permethrin (7.4%) + PBO (7.4%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Prozap® Insectrin Dust	permethrin (0.25%)	dust bag, mechanical duster, shaker can	beef and dairy cattle	0
	Prozap® Insectrin X Concentrate	permethrin (10.0%)	spray, backrubber	beef and dairy cattle	0
	Prozap® Pyrethrin Aqueous Fly Spray Ready-to-Use on Horses & Cattle	natural pyrethrins (0.1%) + PBO (1.0%)	spray	beef and dairy cattle	0
		StandGuard™ Pour-On Insecticide	gamma-cyhalothrin (0.5%)	pour-on	beef cattle*

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**Table 2. Insecticides labeled for use against lice (continued)**

Mfr	Brand name	Active ingredient	Application method	On-animal use (see label for details)	Pre-harvest interval (days)
Smartvet	AIM-L™ Capsules (for VetGun™)	lambda-cyhalothrin (1.5%) + PBO (7.5%)	capsules for VetGun™	beef cattle*	0
Starbar	Cattle Armor™ 1% Permethrin Synergized Pour-On	permethrin (1%) + PBO (1%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Prolate/Lintox-HD™ Insecticidal Spray & Backrubber for Livestock	Phosmet (11.75%)	spray, backrubber	beef and non-lactating dairy cattle older than 3 months*	3
	Pyronyl™ Crop Spray	natural pyrethrins (6.0%) + PBO (60%)	spray	beef and dairy cattle	0
	UL-100 EC Insecticidal Spray	natural pyrethrins (0.96%) + PBO (9.60%)	spray	beef and dairy cattle	0
VetOne	Embargo Lambda Pour-On Topical Insecticide™	lambda-cyhalothrin (1.0%)	pour-on	beef cattle*	0
	Embargo Ultra Pour-On Topical Insecticide™	lambda-cyhalothrin (1.0%) + PBO (5.0%)	pour-on	beef cattle*	0
	Intersect™ Lice-Ban Ready-to-Use Suspension	diflubenzuron (3.0%) + permethrin (5.0%)	pour-on	beef and dairy cattle	0
	Intersect 10% Multi-Purpose Insecticide™	permethrin (10.0%)	spray	beef and dairy cattle	0
	Intersect Pour-On™	permethrin (1.0%)	pour-on	beef and dairy cattle	0
	Intersect II Pour-On™	permethrin (1.0%) + PBO (1.0%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
	Intersect Gold Synergized Pour-On™	permethrin (7.4%) + PBO (7.4%)	pour-on, mist spray, backrubber	beef and dairy cattle	0
Y-Tex	Brute® Pour-On Insecticide	permethrin (10%)	pour-on, backrubber	beef and dairy cattle	0
	Gardstar® 40% EC Livestock & Premise Insecticide	permethrin (40%)	spray, backrubber	beef and dairy cattle	0
	PYthon® Dust Livestock Insecticide	zeta-cypermethrin (0.075%) + PBO (0.150%)	dust bag, shaker can	beef and dairy cattle	0

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