

MRBP Priority Pathogens

Scientific Name	Common Name	Type	AR	CO	IL	IN	IA	KS	KY	LA	MN	MS	MO	MT	NC	ND	NE	OH	OK	PA	SD	TN	TX	WV	WI	WY	Total
Viral Hemorrhagic Septicemia Virus (VHSV)	Viral Hemorrhagic Septicemia (VHS)	virus	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	24
Carp sprivivirus or Rhabdovirus carpio	Spring Viremia of Carp Virus (SVCV) or Swim Bladder Inflammation	virus	x	x	x			x	x	x		x	x	x	x		x	x		x		x	x	x	x	x	19
Genus Aquabimavirus (3 species)	Infectious Pancreatic Necrosis Virus (IPNV) or Infectious Pancreatic Necrosis Dis	virus	x	x		x	x	x			x		x	x	x	x	x	x	x	x	x				x	x	18
Family Iridoviridea	Largemouth Bass Virus (LMBV)	virus	x		x			x	x	x	x				x	x	x	x					x	x	x	x	15
Cyprinid herpesvirus-3 (CyHV-3)	Koi Herpes Virus (KHV)	virus			x			x	x	x				x	x			x	x	x	x			x			11
Salmonid novirhabdovirus	Infectious Hematopoietic Necrosis Virus (IHNV)	virus	x	x	x			x	x					x	x	x	x				x					x	11
Bothriocephalus acheilognathi	Asian Tapeworm	tapeworm parasite		x						x	x	x	x	x			x						x		x	x	10
Bafinivirus sp.	Fathead Minnow Nidovirus (FHMNV)	virus	x		x			x	x			x	x					x								x	8
Ichthyophthirius multifiliis (Ichthyophthiriasis)	White Spot Disease or Ich	ciliate parasitic	x					x		x			x					x	x					x			7
Myxobolus cerebralis	Whirling Disease (WD)	myxosporean parasite		x		x									x		x				x	x		x			7
Renibacterium salmoninarum	Bacterial Kidney Disease (BKD)	bacteria		x		x		x									x	x	x							x	7
Aeromonas salmonicida	Furunculosis Disease	bacteria		x		x					x	x			x											x	6
Heterosporis sutherlandae	N/A	microsporidian parasite				x					x			x		x	x								x		6
Aquareovirus C	Golden Shiner Virus	virus			x					x	x			x											x		5
Flavobacterium columnare	Columnaris Disease	bacteria						x					x		x			x						x			5
Ictalurid herpesvirus 1	Channel Catfish Virus (CCV)	virus			x							x	x			x		x									5
Yersinia ruckeri	Enteric Redmouth Disease	bacteria				x				x	x					x										x	5
Aeromona hydrophila	N/A	bacteria	x												x										x		3
Edwardsiella ictaluri	Enteric Septicemia of Catfish	bacteria						x																x	x		3
Lemaea sp.	Anchor Worms	copepod parasite											x					x						x			3
Ovipleistophora ovariae	Golden Shiner Fungus	fungus								x	x														x		3
Salmincola sp.	Gill Lice	zooplankton parasite													x					x				x			3
Salmonid herpesvirus-3	Epizootic Epitheliotropic Disease Virus (EEDV)	virus		x	x												x				x						3
Salmonid isavirus	Infectious Salmon Anemia Virus (ISAV)	virus															x			x	x						3
Aphanomyces Invadans	Epizootic Ulcerative Syndrome	water mould / oomycetes										x													x		2
Ceratomyxa shasta	Ceratomyxa shasta	myxosporean parasite				x														x							2
Edwardsiella piscicida	N/A	bacteria										x	x														2
Gyrodactylus / Gyrodactylidae	Skin Flukes	parasite																x						x			2
Salmonid herpesvirus-22 (SalHV-2)	Oncorhynchus Masou Virus (OMV)	virus															x				x						2
Tetracapsuloides bryosalmonae	Proliferative Kidney Disease (PKD)	myxozoan parasite		x																x							2
Trichodina	Oligohymenophorea - mobile peritrichous ciliates	ciliate parasitic																x						x			2
Achtheres sp.	N/A	arthropod parasite																		x							1
Contracaecum sp.	N/A	nematode parasite impacting warm blooded animals that eat fish (birds, mammals, adult humans)																		x							1
Flavobacterium psychrophilum	Bacterial Cold Water Disease	bacteria																x									1
Piscirickettsia salmonis	Salmonid Rickettsial Septicemia	bacteria																			x						1
Shovelnose Sturgeon Iridovirus (SSIV)	Shovelnose Sturgeon Iridovirus (SSIV)	virus																				x					1
White Sturgeon Iridovirus (WSIV)	White Sturgeon Iridovirus (WSIV)	virus																				x					1

Note - AL and VA do not have regulated pathogens and did not submit a list of their priority pathogens.

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