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**45 *Brachyspira* spp. 891**

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**46 *Brucella* 913**

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**47 *Clostridia* 929**

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**49 *Escherichia* 957**

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**50 *Glaesserella* 997**

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**51 *Lawsonia* 1009**

*Lawsonia intracellularis* — porcine proliferative enteropathy, proliferative hemorrhagic enteropathy.

**52 *Leptospira* 1023**

*Leptospira* spp. serovars Pomona, Kennewicki, Bratislava, Muenchen, Tarassovi, Canicola, Grippotyphosa, Hardjo, others — abortion and stillbirths.

**53 *Mycoplasmataceae* 1035**

*Mycoplasma hyopneumoniae* — pneumonia; *Mycoplasma hyorhinis* — polyserositis, arthritis; *Mycoplasma hyosynoviae* — arthritis; *Mycoplasma (Eperythrozoon) suis* — anemia; other mycoplasmas — mostly non-pathogenic.

**54 *Pasteurella* 1057**

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**55 *Salmonella* 1073**

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**56 *Staphylococcus* spp. 1089**

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**57 *Streptococcus* spp. 1097**

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**62 Nutrient Deficiencies and Excesses 1195**

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**63 Mycotoxins in Grains and Feeds 1215**

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**64 Toxic Minerals, Chemicals, Plants, and Gases 1235**

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