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Diagnosis, Treatment and Control of Liver Fluke in Sheep

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Diagnosis and treatment

- **Diagnosis**

- acute disease occurs before eggs appear in the faeces so diagnosis is based on PM
- chronic disease can be diagnosed by FEC and PM
- correct identification of *Lymnea tomentosa* helps

- **Treatment**

- Tricarbendazole (Fasinex®) controls all stages
- Closantel (Seponver®) and Nitroxynil (Trodux®) are effective from 7 weeks onwards
- Albendazole (Valbazen®) and Oxyclosanide (Nilzan®) are only effective against mature flukes

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Control

- **Strategic drenching to reduce contamination**
 - key drench Autumn/early winter to kill adult fluke from last season
 - WormKill, late August for all sheep, weaners in April/May
- **Grazing management**
 - use adult cattle in flukey areas
 - graze sheep for no more than 8 weeks in these areas and drench on removal
 - fence off worst areas
- **Snail control**
 - chemical methods not feasible
 - drainage