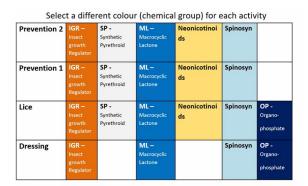






FLY CHEM RESISTANCE

Effective chemical choices- using fly treatments strategically and in rotation, to extend their longevity was the key message from a recent webinar on fly management (more notes next week!) This table shows the chemical treatments available, and how you should only use a 'colour' (group) once a year.



Basically, Resistance (seen as reduced protection periods) can go away if its managed properly, or at least become stable. AWI's latest research show flies are becoming more resistant to Dicyclanil which is on its way to being as useless as the OPs. Cyromazine has seen a 3% increase is resistance in the last 3 years (these flies are often also resistant to Di). Imidacloprid has shown a clear shift to decreased susceptibility but more data is needed.

RAMS: BRUCELLOSIS

Within 3 years, can see a 50% loss of conception, so its worth keeping an eye on your rams' balls, and performance. Subpar conception can be indicative of an infection. NSW's Sheep Connect delivered a great webinar with Dr Tim Gole and we took notes for you: HERE

WEANERS

Remember, if a weaner is going to die, its likely to be in the next 3 months post weaning! Guidelines..... Draft tail moves mortality from 12% to 2%. So draft off the bottom 20% every couple of months

Rule of thumb growth rates through summer with current lamb weight: 20kg + = 1kg/month growth 20kg - =2kg/month On stubbles 100g lupins Full ration: 50g/day= about 7 ME or 600glupin:cereal

STUBBLES

More to come as we get closer to harvest, but here are some rules of thumb for your feed budgeting (which we're sure you're all doing like we keep reminding you to!)

CANOLA stubble remaining: 3x grain yield CEREALS stubble remaining: 1.75x grain yield

Amount of stubble (tonnes per hectare) = grain yield (t/ha x (1-HI)/HI. The harvest index (HI) is the ratio of grain yield to total above-ground biomass and for winter cereals is generally considered to range between 0.2 and 0.5. Wheat stubble volumes can amount to 1.3 to 2.8 times the grain yield

Sheep only eat about 6% of this, so its more about stubble management- ground cover and trash/weed/disease management. The focus should be on grains remaining- this is within a 0.1m quadrant:



| <u>The amount of residual grain required to</u> <u>equal 100 kgs of grain per hectare</u> | |
|--|-----|
| Wheat and Oats | 28* |
| Barley | 25* |
| Lupins | 8* |
| Field Peas | 5* |
| Chick Peas | 5* |
| Faba beans | 2* |

Sheep usually lose weight after 6weeks on a stubble.