

*Experiences with MaxamFlo
the season so far 2003*



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Pingrup

Why I used MaxamFlo (liquid N)

- Wanted more N up front & during seeding
- Not set up for Urea, small (4t) airseeder box
- No spreader, no tractor, spending \$10K on contract spreading.
- liquid N meant no more gear required (tanks).
- Ability to spray N in windy conditions when urea would strip out - less reliance on contractors.
- Idea was to mix with Treflan and spread some nitrogen for “free”.

My Experiences

- Used 100T MaxamFlo on half the program
- Fairly cautious - little information available.
- **Handling** - no problem, thick oily liquid dries to a white powder.
- Brass won't last - stainless steel or poly better
- **Weight** - SG of 1.26 (its heavy)
- 3800 L MaxamFlo = 4788 L Water
- 5000 L MaxamFlo = 6300 L Water

My Experiences

- Applied with a twin line boom both lines 0015 jets (green) 2inch Stalker pump 13 hp Honda - no modification at all.
- 60 L/ha + 15 L/ha Water + Knockdown @ 19 km/hr and about 300 kpa pressure.
- If spraying straight MaxamFlo pressure will be 26% higher than straight water.
- Boom hygiene critical, wash every night.

New boomspray 2002



*Boom after 18 months & 100T
MaxamFlo*



Compatibility

- Be careful - always jar test, if in doubt don't do it.... Or start small and work up.
- Knockdowns all mix fine but...
- patchy results from 650 ml Roundup
PowerMax + 60 L MaxamFlo + 9 L water
- Poorer than expected broadleaf results from
1L/ha Sprayseed - grasses OK.

Compatibility

- Agitation critical for EC mixes not sure about others.
- Treflan probably OK with agitation. Logran not good.
- Depending on boom setup may be better to add Treflan + water to MaxamFlo for better initial mixing.

Crop Effect (PE)

- 2 leaf Barley sprayed in rain 60L/ha Maxam Flo no problem
- Early tillering Gairdner Barley
- 60L/ha no water bright sunshine caused burning of around 20% of new growth.
- 7 days later total recovery (no rain)
- Leafy early flowering canola during 4mm shower no problem.

What I did

Wheat

- 60 L/ha Maxamflo IBS standalone
- Followed by 50 kg/ha Urea 4-6 weeks later (40N 5S + basal)
- A further 30-40L/ha Maxamflo on Carnamah and wheat on wheat paddocks.
- Paddock sown 7th May

What I did

Barley

- 60L/ha MaxamFlo IBS standalone OR
- 60L/ha MaxamFlo + 30 L/ha Water + 1.5L/ha Trifluralin 480.
- Multiple crop paddocks had 50 kg/ha Urea 4-6 weeks after sowing. (40 N 5S + basal)
- Paddock sown 26 April

What I Did

Canola

- MaxamFlo 50 L/ha IBS
- MOP 50 kg/ha 6 weeks after sowing
- Urea 50 kg/ha 6 weeks after sowing
- MaxamFlo 50 L/ha + Water 30 L/ha (early flowering - in rain) (51N 8.4S + basal)
- Paddock sown 2nd April

Other Observations

- Seems to help non wetting sand (PSPE)
- Use as a soil wetter behind presswheels?

Future Plans

- Set airseeder bar up to inject liquid N.
- **Example** - Inject 100 L/ha under the seed
- Spray 30-50L/ha 4 weeks after sowing with broadleaf spray
- Spray 30-50L/ha 8 weeks after sowing where required (maybe plus TE)

Future Plans

- Mix Impact with MaxamFlo and inject for disease control (good mix).
- Also mix trace elements (Zn, Mn and Cu) on the go. I.e. different brews for different paddocks and/or soil types.
- Late application to cereals for protein management
- **To be more flexible and more precise**