



PROVISION OF SYNCHRONISATION AIDS FOR SMALL STOCK

Program for fresh semen insemination on _____ (number and breed) of

Mr. _____ of _____

Start preparation and flush feeding of ewes 4 to 8 weeks before AI.

Management: Shearing, dosage and vaccination – Complete in advance. Wean lambs. Test rams for fertility.

Flush feeding: Physical condition of ewes must start improving 3 – 4 weeks prior to AI. Production lick. Maxiwol or chocolate maize from 250 g/ewe/day, increase steadily up to 400 g/ewe/day.

Remove ewes to best grazing camp and supply balanced lick.

Inject Vitamin A, D, E and Multimin + Se.

Teasers (Optional): Place with ewes ± 36 hours after withdrawal, i.e. 12 – 16 hours before AI. Teasers without markers only serve as a stimulus among ewes. With markers for the identification of ewes that are on heat. Marked ewes should be removed every 6 – 8 hours.

Handmating:

From 32 hours after withdrawal and PMSG. Under supervision or 1 ram per 5 – 10 ewes.

Example of program

Season: _____

AI hours and withdrawal: _____

Day of program	Day of week and date	Time	Task
0		am	Sponge/CIDR's in
14			Withdrawal _____ of sponges and inject _____ ml PMSG intramuscularly
15			Add Teasers
15 and 16			Mark ewes – remove and separate. Check markers of rams.
16			Start inseminating _____ ewes.
30			Add follow-up rams.

PMSG

Dissolve 1 bottle PMSG (powder) in 50 ml water/saline



First add 5 ml of water in bottle of PMSG to dissolve powder and then transfer to 50 ml container. Repeat 2 x.

Application is intramuscularly. Accuracy of dosage is very important.

300 i.u. = 2,5 ml of solution = 20 ewes

360 i.u. = 3,0 ml of solution = 16 ewes

420 i.u. = 3,5 ml of solution = 14 ewes

480 i.u. = 4,0 ml of solution = 12 ewes

i.u. = International Units (Concentration)

PMSG = Pregnant Mare Serum gonadotropin

Enquiries: Contact RAMSEM at the numbers on the bottom of the page.

Responsible Veterinary Surgeons: Dr. J.J. Steyn / Dr. A.S. Steyn