

ARTIFICIAL INSEMINATION PROCEDURE

CHECK DOE

1. Keep checking doe every 6-12 hours & watching behavior for late estrus
2. Bring on stand, check mucus & cervix opening, try to get through rings.
3. Let doe out to pee/poo before you begin insemination

PREP INSTRUMENTS & GET SEMEN

4. Put plastic from sheath around gun and put in pants to warm up
5. Get Fertagyl ready (1mL IM)
6. Fill jar with boiling water to activate for a few minutes, then fill with 95F water and make sure it's maintaining temperature
7. Identify cane & remove with tweezers. (Be sure to remove straw from the lowest part of the neck — never raise canes for more than 5 seconds, if you need more time, lower for at least 30 seconds and try again)
8. Only holding on ends, flick to get off any excess nitrogen & wipe straw with paper towel, cover with paper towel
9. Place in thaw jar (cotton plug side up) and leave for 30 seconds

LOAD GUN (*this part you need to move fast*)

10. Remove only holding ends with fingers, wipe off with paper towel & cover from light
11. Place straw (cotton plug first) into WARMED GUN.
12. Cut the straw on the SEALED END (NOT the cotton end) with a straw cutter.
13. Apply sheath over gun/straw & put drop of semen on a slide
14. Remove plunger (so you don't accidentally push it) & apply plastic over whole gun & put in pants.

INSEMINATE DOE

15. Keep in pants and AI doe within 15 minutes
16. Wipe of doe with ONLY water paper towel & dry
17. Lube up both speculum AND end of sheath
18. Insert matching doe's rump
19. Find OS, try to enter rings gently, slowly deposit semen for 5 seconds
20. Give Fertagyl (1mL IM)
21. Massage udder for 2 minutes (no stressful events for the next day) TIMING TIPS from Breeders:

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“48-50 hours post first sign of heat when she’s passed standing estrus & mucus is boxy”

“Some I AI 24 hrs and some are 48+. I don’t even check their cervix until they start to walk away from the buck fence. I’ve had 80% success rate.”

“Nearly all the successful ND AI are the ones done late in the cycle, like past sane concepts. “

“Natural heats and 24-36 hrs. You want them flagging but also walking away from fence”

“When checking for discharge, check internally. And check fluid consistently every 12 hours for records. Put the gun and sheath together and see if the cervix is ready”

“Got tired of the timing. If in the morning they were flagging, I popped in a straw, if in evening they were flagging, again a straw. Never had trouble getting in cervix and conception rate is 100%”

You want stringy, sticky cloudy, Not = solid white or super clear.

TECHNIQUE TIPS from Breeders:

“Start with 1st heat just for practice, use 2 straws”

“Basically Pull from the can. wipe off the frost with a paper towel. Clip end. Load gun. Put on sheath. Grip on my teeth. Find cervix. Deposit semen. Slushy mostly.

“When you get through the rings, you’ll know, it’s like poking through plastic”

“To get through the cervix, put a couple seconds of pressure while twisting then release and go again.”

“Don’t thaw the straw unless you know you can get through the rings with an empty sheath & gun. If you can’t get through at all, your timing is off.”