

# CONTROLLING BUCKTHORN WITH SHEEP

PART THREE  
BY NANCY LUNZER

# PART THREE: CONTROLLING BUCKTHORN WITH SHEEP





**PRESSURE BY GRAZING SHEEP WILL  
PREVENT BUCKTHORN SEEDLINGS  
FROM GETTING RE-ESTABLISHED.**



**HAIR SHEEP WERE CHOSEN  
BECAUSE THEY BOTH GRAZE ON  
GRASS AND BROWSE ON BRUSH**





**HAIR SHEEP DON'T REQUIRE SHEARING,  
DE-HORNING OR TAIL DOCKING.**





# THEY EAT BUCKTHORN AND MOST OTHER PLANTS



# SHADE GRASS VARIETIES ARE SHADE TOLERANT





**BUT SHADE GRASS WILL PRODUCE  
MORE FORAGE IF IT RECEIVES  
MORE LIGHT**





# DECAYED OR DAMAGED TREES WERE REMOVED TO OPEN THE CANOPY





# REMOVAL OF OLDER TREES ALLOWS YOUNGER TREES TO GROW





# THE CULLED TREES WILL BE USED AS FIREWOOD





# GRASS IS ALLOWED TO GROW SIX INCHES TALL BEFORE GRAZING





# SHEEP ARE REMOVED WHEN GRASS GETS SHORTER THAN THREE INCHES



# AREAS NOT HOGGED OFF WILL BE GRAZED BY SHEEP TO SEE THEIR IMPACT ON BUCKTHORN





# WOODLAND PLANTS ARE A VIABLE FEED SOURCE FOR SHEEP





# PARASITE INFESTATION OCCURS WHEN SHEEP GRAZE THE SAME AREAS ALL SEASON LONG





# ROTATING SHEEP TO NEW PASTURES WILL BREAK THE PARASITE CYCLE





# ROTATING WITH OTHER SPECIES WILL REDUCE SPECIES SPECIFIC PARASITES






# TRADITIONAL PARASITE MANAGEMENT INVOLVES PERIODIC WORMING SCHEDULES



# FECAL EGG COUNT

- ▶ FECAL EGG COUNTS CAN DETERMINE AMOUNT OF PARASITE INFESTATION
  - ▶ THESE SHEEP HAD A MILD INFESTATION AND WERE WORMED TO PREPARE FOR BREEDING.
  - ▶ A RE-CHECK WAS DONE 3 WEEKS BEFORE LAMBING AND NO PARASITE EGGS WERE FOUND AND NO WORMING WAS NEEDED
  - ▶ FECAL TESTING HAS ALREADY REDUCED THE USE OF WORMERS ON THIS FARM
  - ▶ REDUCED USE OF WORMERS WILL PREVENT PARASITE RESISTENCE TO WORMING AGENTS
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# SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION

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