	: Student ID#:
Part 1B: Current Rangeland Issue, Ventenata ( <i>Ventenata dubia</i> )	
https://idahora	ce:  on what Multiple Choice questions will look like, visit  ange.wordpress.com/preparation/study/ > Habitat Improvement Scenarios > 2019  g Issue > Pinyon Juniper Encroachment.
Ranchers partr the burn. Alth plenty of nativ soil, and increa native grasses, Department of	Elk Complex Fires in 2013 burned about 280,000 acres in the Danskin Mountains. nered with federal and state agencies to assist with range rehabilitation projects following ough <i>Ventenata dubia</i> is not found in the area yet, they wanted to assure that they have e and introduce perennial grasses to outcompete invasive annual grasses, stabilize the ase forage for wildlife and livestock. To do this, they decided to treat 36,300 acres with alfalfa, and sagebrush through aerial and drill seeding. They also partnered with Idaho firsh and Game to plant sagebrush and bitterbrush seedlings for sage-grouse habitat and the range. Determine the costs of each treatment as well as the overall costs for the
Drill Se	eeding:
•	3,500 acres will be drill seeded. With one drill, it will take 36 days to complete, hence, 3 drills will be used reducing the number of days of 12.
•	Each day is 8-hours, labor will cost \$26/hour per person (each drill will require one person).
•	Equipment (including fuel and repair) will cost \$300 a day per drill.  The seed mix from the NRCS cost \$1.25/acre and will include native grasses and alfalfa.
Δerial	Seeding:
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•	The plant mix will cost \$2.15/acre and will include native grasses, alfalfa, and sagebrush The fixed-wing aircraft cost \$1,500/day (this includes the pilot's salary).
Seedin	ng Sagebrush and Bitterbrush Seedlings: