Selenium status of cattle given ruminal selenium bullets

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Studies by Judson et al (1980) showed that two 30 g bullets containing 10% by weight elemental selenium (Permasele® cattle pellets*) when administered orally were effective in raising the whole blood selenium concentration of cattle for up to 18 months after dosing. With the imminent release of selenium toxicity to cattle if more than 2 selenium bullets per heifer. Blood samples were collected into tubes, containing lithium heparin as anti-coagulant, at frequent intervals during the trial of 64 weeks. Selenium was determined by the technique of Koh and Benson (1983) in whole blood (WB) and plasma (P), and these values together with...