



CRC

for

Premium

Quality

Wool

Iodine Deficiency

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Iodine functions as a constituent of:

- Thyroxine (T4)
- 3,5,3'-Triiodothyronine (T3)

and is required for protein synthesis and energy metabolism

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Iodine

Effects

- Enlarged thyroid
- Susceptible to cold
- Lamb (infant) mortality
- Reduced fetal size
- Developmental disorders

Occurrence

- Low soil iodine
- Recent glaciation
- Mountainous areas
- Long distance from the sea
- Goitrogens in herbage