

Dual purpose wheat and barley- solution to green fodder scarcity in Uttarakhand India

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Hill livestock keepers face green fodder shortage in winters, as forest leaves unavailable for feeding.

Trials undertaken on wheat and barley to demonstrate the practice of green fodder cut.

- Researcher-Farmer interface.
- Field sites: Tehri Garhwal and Pithoragarh
- RBD, 4 replication with 4 treatment



Wheat	Local cultivated variety (without fodder cut)	Local cultivated variety (when fodder is cut)	Improved variety (when fodder is cut)
Fodder from 5 Nali /1000m ²	Nil	190-235 kg	170-320 kg
Grain from 5 Nali /1000m ²	520-545 kg	460-500 kg	480-530 kg
Barley			
Fodder from 5 Nali /1000m ²	Nil	175-190 kg	130-380 kg
Grain from 5 Nali /1000m ²	260-385 kg	390-620 kg	480-725 kg

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Demonstrated green fodder innovation in two hill districts of Uttarakhand.

Enhanced knowledge, practice and skill of farmers, NGOs, and Trust partners.

Adopted by 600 farmers in 6 hill districts. Scale out planned with 8000 farmers.

Unlocking livestock development potential through science, influence and capacity development ILRI APM, Addis Ababa, 15-17 May 2013

