

Agriculture Practice at High Altitude of Ladakh

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Abstract—Ladakh is situated at quite a high altitude, due to its high altitude Ladakh experience a very cold climate, where even the summer temperature rarely exceed 29deg. celsi us. Raising crop in such a climate setup is quite difficult and almost impossible during winter season in open condition. Farming season lasts for just 4 months, due to short farming system, only monoculture is possible, No crop rotation happenes. Double cropping is undertaken in some parts of region. Due to short agriculture season people grow crop like wheat, barley, mustard, potato and cool season vegetable crops. Organic farming is not a new concept for the farmers. It is a traditional farming practices. People use compost, organic manure and night soil in the field. As per vegetable production around 80-85% of people produce organic vegetable. Ladakh an organic farming region and to lead towards sustainable development. Focusing on vegetable production in winters and using cost effective technologies, So as to top the local market in the prolong winter season can prove to be very beneficial to local farmer. In winter Ladakh import vegetable worth lakhs of rupees from o the part of the country. People do not get access to green vegetable in winter. Farmer store potatoes, carrot, radish and onion underground. They take them out for consumption in winter. Some people pickle vegetable to eat in winter. Most of the people consume meat, pulses and dairy products.