

Latitude and longitude : BITS {17.5449, 78.1516} Region: Southern Telangana

NDVI : 0.55

NDMI : 03.

NDVI = $(NIR - Red) / (NIR + Red)$. { Normalized Difference Vegetation Index }

Near-infrared Spectroscopy { Red } → Reflectance reflectance measurement

Value from -1 to +1. { High NDVI } healthy vegetation

0.1 (0%) less { low NDVI }

NDMI { Normalized Difference moisture Index }

NDMI = $(NIR - SWIR) / (NIR + SWIR)$. { Short Wavelength Infrared }

Value range -1 to +1. → Best care

less than -1 → Worst care.

Soil found: Sandy loam

Best Crop: root Vegetable, leaf greens, onions, tomatoes.

Choose Commercial Crop : Tomato.

Pins:

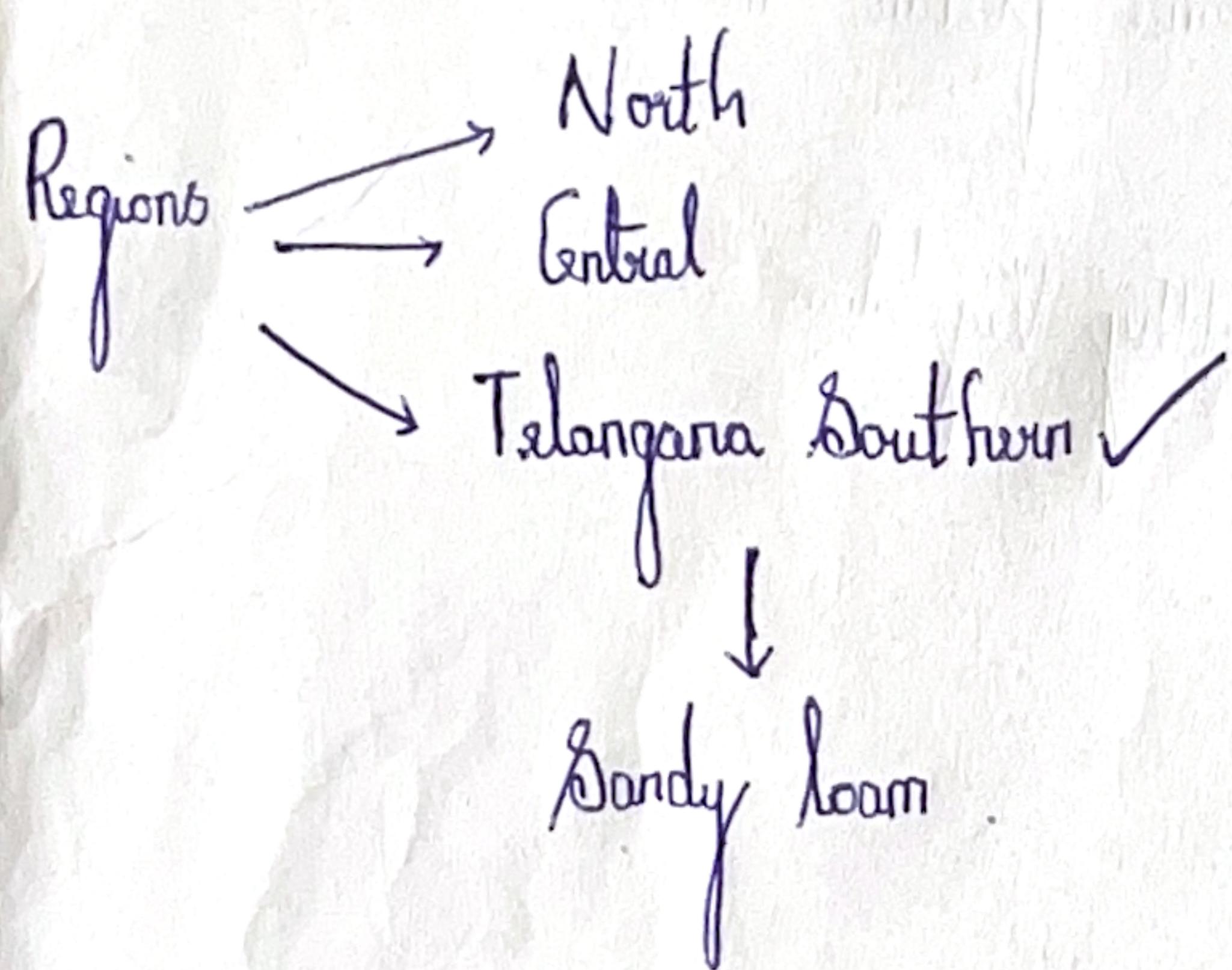
A {^x 17.5419979, ^y 78.5751921}

D {17.5428921785722195}

B {17.5446673, 78.5721132}

C {17.5455585, 78.5739083}

Region Analysis



Pest {Entomology}

Leaf Eater: Tomato Hornworm. → Natural Enemy: Parasitic Wasps

Boer: Pest: fruit Boer. → Natural Enemy: Trichogramma

Sap Sucker: {Pests} → Aphids → Natural Enemy: Lady bugs.

Mito Damage {Pests} → Spider Mites → Natural Enemy: "Predatory mites"

Leaf Miners {Pests}: {Liriomyza} → Natural Enemy: "Parasitic Wasps".

Organic - Biocontrol Pest

Organic Npk (4-3-3), fish Emulsion (5-1-1), Bone Meal (3-15-0)

Seaweed Extract (1-0.4), Composted Manure (2-2-2).

Prompt: { Ollama - Ilama }

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"Query": "What is pest can I use for tomato?"



Liriomyza trifolii

~~format~~

"answer": "Use Spirodæd at a concentration of 0.15 ml/liter

of water. Apply during early Infusion"

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[
 Spirogyra
 ↓
 Spirodæd ✓
 { Blue table Safe }
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