GOVERNMENT OF JHARKHAND • DEPARTMENT OF AGRICULTURE & FARMERS WELFARE

AGRICULTURE TECHNOLOGY MANAGEMENT AGENCY (ATMA) & KVK SIMDEGA

DISTRICT METEOROLOGICAL & CROP ADVISORY BULLETIN (KHARIF SEASON 2024-25)

Agro-Climatic Zone VII (Western Plateau Zone) • Simdega District Coverage

1. MONSOON FORECAST & AGRO-MET ADVISORY FOR SIMDEGA

Climatic Zone:	Zone VII (South-Western Plateau)	**Avg Annual Rainfall:**	1,250 - 1,400 mm
Soil Types:	Red lateritic, acidic (pH 4.8 - 5.8)	**Crucial Window:**	June 15 - July 20 (Nursery & Sowing)

2. CROP-WISE PACKAGE OF PRACTICES & SCIENTIFIC RECOMMENDATIONS

Paddy (Dhan) Upland / Medium	Sahbhagi Dhan, IR-64 Drt-1, Birsa Vikas Dhan 111, Abhishek	Seed rate: 30-35 kg/ha. Treat with Carbendazim 2g/kg or Trichoderma 5g/kg.	NPK 80:40:20 kg/ha. Zinc Sulphate 25 kg/ha basal. Spray Chlorantraniliprole for stem borer.
Finger Millet (Madua/Ragi)	Birsa Madua-3, GPU-28, ML-365	Line sowing with 5-6 kg/ha. Treat with Azospirillum culture.	Compost 5 ton/ha + NPK 40:20:20 kg/ha. Intercropping with Arhar in 4:2 ratio.
Pulses (Arhar / Urad)	Arhar: Birsa Arhar-1, ICPH-2740 Urad: Pant U-31, Birsa Urad-1	Inoculate with Rhizobium culture. Spacing: 60x20 cm for Arhar.	DAP 100 kg/ha basal. Spray Neem oil (1500 ppm) for pod borer prevention.
Oilseeds (Groundnut/Soybean)	Birsa Mungfali-2, K-6, JS-335	Seed rate: 100 kg pods/ha. Gypsum application at flowering.	Rhizobium inoculation mandatory. Control tikka disease with Mancozeb 2.5g/L.

3. SOIL FERTILITY & BIO-INOCULANT ADVISORY

• **Liming:** Due to severe soil acidity in Simdega plateau (pH < 5.5), apply Agricultural Lime / Dolomite @ 2.5–3 quintals/ha during summer ploughing once in 3 years.
• **Organic Matter:** Incorporate 5–8 tons of FYM/Vermicompost per hectare before onset of monsoon.
• **Bio-Fertilizers:** Utilize subsidized PSB (Phosphate Solubilizing Bacteria) and Azotobacter available at Block Agriculture Centers (BACs).

4. BLOCK AGRICULTURE CENTER CONTACTS & EMERGENCY ADVISORY

Block	BAC Office Location	Kisan Call Helpline	Officer In-Charge
Simdega / Kolebira / Bano	Block Campus, Near BDO Office	Toll-Free 1800-180-1551	BTM & SMS (ATMA Simdega)
Thethaitangar / Jaldega	KVK / Kisan Bhavan Campus	District Office 06535-222240	Assistant Technology Manager

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