

## SEED PRODUCTION SYSTEMS IN NICRA VILLAGES

The seed production systems in NICRA villages under Zone-VII during 2024 have demonstrated a robust effort to enhance agricultural resilience and self-sufficiency, as coordinated by various Krishi Vigyan Kendras (KVKs). Villages like Lambung (Chandel) produced 148.69 quintals of seeds across paddy, soybean, maize, and groundnut varieties such as RC Maniphou-15 and ICGS-76, utilizing 260 kg of seed on 13.25 hectares with 23 farmers, generating ₹3,94,849. In contrast, Ri Bhoi's villages, including Thadnongia, produced 193.2 quintals of turmeric, ginger, maize, and potato seeds on 7.6 hectares with 27 farmers, yielding an impressive ₹15,28,000, though specific seed quantities utilized were not detailed. Siaha's Tisopi village excelled with 618 quintals of rice and maize seeds on 45 hectares involving 49 farmers, earning ₹27,69,000, showcasing large-scale production. Meanwhile, smaller efforts like Senapati's Hengbung, producing 2362 quintals of millets and groundnut on 2.2 hectares with 22 farmers for ₹9,372, highlight diverse outputs. These initiatives, spanning 163.73 hectares and involving 363 farmers, utilized varied seed quantities (e.g., 3.5 kg in South Garo Hills to 1700 kg in Phek) and generated ₹47,27,846, reflecting the region's commitment to improving seed availability and economic returns through climate-resilient crop varieties.

**Table: Seed Production systems in NICRA Villages under Zone-VII**

KVK	Villages	Crop	Variety	Area (ha)	No. of farmers involved during 2024	Quantity produced (q)	Quantity of Seed utilized (Kg)	Revenue generated (₹)
Chandel	Lambung	Paddy, Soybean, Maize, Groundnut	RC Maniphou-15, RC Maniphou-13, Soybean (DsB-19), RC M 1-76, Groundnut (ICGS-76)	13.25	23	148.69	260	3,94,849.00
Senapati	Hengbung, Mayangkhang, T.Khullen	Millets, Groundnut	Var. VL Mandua-376, KDG-123	2.2	22	2362	-	9,372.00
Jaintia Hills	Umjalsiew, Mukhnang, Namdong, Wahiajer & Niriang	French bean, Paddy, Maize	Jaintia local & Naga local, CAUR1, DA-61	18.3	57	1.3	1.3	6,600.00
Ri Bhoi	Thadnongia, Thadnongia, Mawbri, Liarkhla, Liarbang & Kdonghulu	Turmeric, Ginger, Maize, Potato	Lakadong, local, Kufri Frysona	7.6	27	193.2		15,28,000.00

South Garo Hills	Asugre	Indian Mustard, Paddy	DRMR-150, CAU-R4, CAU-R1, RCM Maniphou - 15	38.5	35	6	3.5	23,000.00
West Garo Hills	Bagugre, Marapara, Mebol Darechikgre	Hybrid Napier, Guinea	-	0.33	30	42	42	-
Lawngtlai	Chawnhu & Ngengpuikai	Rice, Groundnut, French bean Zorin (MZFB 48), Sesame (Local), Soybean, Maize.	RCM -13, Girner-4, MZFB 48, Local, RCM 5	4	19	36.85	-	1,44,125.00
Lunglei	Hnahtial	Paddy, Soybean, Maize	Maniphou12, Fazu, Fangsin(Local), RCM-76, Mimban(Local)	4.55	10	143	3.8	22,600.00
Siaha	Tisopi	Rice, Maize	Local	45	49	618	-	27,69,000.00
Serchipp	N.Vanlaipha, Lungchhuan, Chekawn	Frenchbean, Soybean	Soybean, VL 89	4	8	2.4	1.5	14,000.00
Phek	Thipuzu, K. Basa, Phusachodu, Kikruma & Pfutseromi	Foxtail millet	SiA 3085	3	30	33.98	1700	84,900.00
Mon	Ngangching, Sowa Changle, Langmeing, Totok Chingha	Paddy, Garlic, Toria	Local, RC- Maniphou 15, Yamuna Purple-10, TS-67, RC Maniphou-14	7.2	33	5.8	5.8	32,400.00
Tuensang	Chendang and K. Wongthu	Rice, Foxtail millet	Local germplasm	10	20	22	22	-