

NEPAL SEED AND FERTILIZER (NSAF) PROJECT IN 2021

THEMES



INTEGRATED SOIL FERTILITY MANAGEMENT (ISFM)



OPEN-POLLINATED VARIETY (OPV) & HYBRID SEED



MARKET SYSTEM DEVELOPMENT



POLICY

OUTPUTS



R&D: SEED AND FERTILIZER

391 varietal & seed production demonstrations with **12** partner

376 market ready hybrid maize varieties tested

15 ISFM demonstrations in **4** districts with NARC, cooperatives, public and private sector

65% increase in parental line seed production

2 companies prepared proposals for variety registration

16% increase in productivity of vegetables from UDP

CAPACITY DEVELOPMENT

3,885 people trained in improved seed & crop value chain

929 soil samples analyzed by NARC using spectroscopy

8 companies initiated commercial hybrid seed production

8 local institutions piloted the digital soil map

6 companies using digital marketing platforms

PARTNERSHIPS ACROSS VALUE CHAINS

2 digital platforms (DESIS and DSM) operational

10 public private partnerships formed for technology scaling

103 private sector firms receive business assistance SEAN and NeFEA promoting seed and ISFM businesses

MARKET DEVELOPMENT

7 seed companies facilitated for loans

128 traders from **6** districts attended business

2,174 Mt of improved seed produced and sold

1,390 Mt maize produced through maize commercial model

POLICY ENGAGEMENT

3 companies received NSB approval for exclusive R&D and hybrid seed production licensing

2 protocols for imported veg seed testing and registration, and R&D by private sector approved by NSB

NSB approved hybrid seed production & certification standards

US \$200,000 allocated by local governments for maize promotion

Evidence for fertilizer policy change including blended fertilizers shared with MoALD

PROGRESS



127,473
BENEFICIARY HOUSEHOLDS

68,999 Ha
UNDER IMPROVED TECHNOLOGY

\$6.75 million
CREDIT FORWARDED

\$56.32 million
SMALLHOLDERS' VALUE OF SALES

\$442
PER BENEFICIARY HH VALUE OF SALES FROM TARGET CROPS

42%
BENEFICIARY WOMEN AND
32% MARGINALIZED HOUSEHOLDS



YIELD Mt/Ha				
2021	4.82	4.65	0.95	23.51
2017 Baseline	3.78	1.96	0.77	8.17