

SCI Adaptations Made for Finger Millet & Maize

Practice	Finger Millet		Maize	
	Conv.	SCI	Conv.	SCI
Young Seedling	Broad-Casting	Transplanting @ 15-20 days or direct line sowing	Direct seed sowing	Direct seed sowing
Spacing	Thinning out	P to P : 20 cm R to R: 20 cm	Broadcasting	P to P : 30 cm R to R : 30 cm
Single seedling/hill	-	1 plant/hill or line sowing	-	1-2 seeds/hill
Inter-cultivation (manual weedings)	2+	2+	1+	2+
Organic matter	Compost	<i>Matka Khad</i> , Vermi-compost, PAM*	Compost	Cow dung, <i>Matka Khad</i> , PAM*

*PAM: Panchgavya, Amritghol, Matkakhad

Finger Millet: 340 farmers = 8.04 ha **Maize:** 183 farmers = 10.34 ha

Results of SCI with Finger Millet & Maize, Kharif 2009



	Finger Millet		Maize	
	Conv.	SCI	Conv.	SCI
Ave. ears/plant (cobs/plant)	3	5	2	3
Average plant height (cm)	69.5	88.5	149.4	173.7
Ave. no. of grains /ear (kernels/cob)	290	428	225	248
Grain yield (T/ha)	1.2	1.8	17.1	22.9
% increase in grain yield	-	50%	-	34%