

## Technology Developed during 2020-21

One technology developed from Seed Technology Division, Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur during 2020-21 The technology was- **“Production of better quality seed of Soybean through Gibberellic Acid”**.

### Description of technologies

Sl. no.	Topic		Description
1.	Technology name	:	Production of better-quality seed soybean through Gibberellic Acid
2.	Technology characteristics	:	<input type="checkbox"/> Application of GA <sub>3</sub> @100 ppm at pod formation stage would give higher seed yield with better seed quality of Soybean var. BARI Soybean-6 <input type="checkbox"/> Seed yield would be 1.7-2.0 t/ha. <input type="checkbox"/> Seed germination: > 85%. <input type="checkbox"/> Farmers will be benefited by maximizing quality seed production
3.	Suitability	:	Suitable for Noakhali, Chandpur, Faridpur, Kishorganj
4.	Application information	:	Variety: BARI Soybean-6 Sowing time: Mid Dec- Mid January Seed rate: 60-70 kg/ha Spacing: 30 x 6 cm Fertilizer dose: Urea: 50-60 kg/ha, TSP: 150-175 kg/ha, MoP: 100-120 kg/ha, Gypsum: 80-115 kg/ha, Boric acid: 8.0-10 kg/ha, Zinc sulphate: 8.0 kg/ha and Cowdung 8-10 ton/ha. Fertilizer application method: Entire amount of TSP, MoP, Gypsum, Boric acid, Biochar and one third of urea would be applied during land preparation. The remaining urea will be top dressed in two equal splits at 20 and 35 days after sowing. Weeding at 20-25 DAS and Irrigation should be done at 20-25 DAS and 50-60 DAS. Waterlogging should be avoided. Insect control: Whenever it will be necessary Harvest time : 105-110 DAS
5.	Yield/achievement from the technology	:	Seed yield will be increased up to 20%