

2021 FFSA recommendation business "Fields to be selected and recommended products"

Fields	Recommended products	Supplier	Description of features (URL)
2021-01 : Seedling raising equipment with artificial light (For Facility cultivation, plant factories)	Closed Transplant Production System with Artificial Light "NaeTerrace"	Mitsubishi Chemical Aqua Solutions CO.,LTD.	Anyone can easily produce strong and homogeneous seedlings anytime, anywhere, regardless of the season or weather. https://www.napperland.net/plant_system/naeterace/
2021-02 : Cultivation environment control device (For Facility cultivation, plant factories)	Environmental Control System for Horticulture HERBEST	Kyowa CO.,LTD.	HERBEST realizes "accumulation of cultivation know-how" and "visualization / automation of greenhouses" for producers, and supports the expansion of profits. https://www.kyowajpn.co.jp/hyponica/
	Arsprout	Arsprout	Arsprout is a high-performance, low-cost environmental control system that combines a UECS-compatible DIY hardware kit and cloud remote management. https://www.arsprout.co.jp/
2021-03 : Sanitary inspection equipment (For plant factories with artificial light)	Lumitester Smart, LuciPac A3 Surface	Kikkoman Biochemifa Company	ATP wipe inspection (A3 method) is the optimum monitoring tool for hygiene in plant factories. https://biochemifa.kikkoman.co.jp/
	Hygiene Monitoring System Microbiological Swabs Pro・media ST-25 series Microbial Film Media 「Easy Plate」 Colony Counting System for Easy Plate 「Smart iSac」	Elmex LIMITED http://www.elmex.co.jp/index.html	ST-25PBS(Wiping inspection kit) : Easy wiping inspection with one kit! A kit that combines all sterilized cotton swabs, test tubes, diluents, and pipette functions. Easy Plate : Ready-to-use, easy and convenient prepared film culture medium.The colonies are easy to see and the counting work can be done easily.It can be cultured immediately by dispensing 1 mL from ST-25PBS. Smart iSac : Easy Plate dedicated colony counting system.The counting processing capacity is about 6 times that of visual inspection, and automatic form creation is also possible.
2021-04 : Seedlings (Plant varieties)	HANDSOME GREEN (lettuce)	The Yokohama Nursery CO., LTD. https://www.yokohamaueki.co.jp/	Growth is a late-maturing type. It has excellent late extraction and can be cultivated widely from the high temperature period to the low temperature period. The mesophyll is thick and the crispy feeling lasts a long time.
	BABY KIS RED (paprika)		Palm-sized midi paprika. This seedling has very good fruit set, is colored quickly, and can be harvested quickly. The fruits are thick, sweet and fresh.
	BABY KIS YELLOW (paprika)		
	Gochiso PR-7 (tomato)	Takii & CO.,LTD. https://www.takii.co.jp/	A large pink tomato with complex disease resistance, good taste and excellent rate. It has a grass shape with good daylighting and is suitable for plant factories.
	Frutica (tomato)		A medium-sized tomatoes with good fruit taste, rich in glutamic acid and the functional ingredient lycopene.
	Momotaro Hope (tomato)		A medium-sized tomato with a high sugar content and good taste, and the flesh is smooth and high quality with few cracks.
2021-05 : Aquaculture system (Fish farming in open ocean regions)	Large-scale Open Water Aquaculture System	Nippon Steel Engineering CO.,LTD.	Beyond "Takumi(artisan skill)", beyond "Sea area", beyond "Concept"! With the power of engineering, we will change and create the future of Japanese food. https://www.eng.nipponsteel.com/business/businesscreation/aquaculture_system/