QR based Digital Agricultural Information Board (DAIB) for Technology Transfer:

The QR code based Digital Agricultural Information Board (DAIB) conceptualize and developed by Dr. L. R. Tambade Head & Senior Scientist, KVK, Solapur during 2020. The QR code based Digital Agricultural Information Board (DAIB) is having a QR codes with images on the crop like Capsicum, Onion, Drumstick, Pomegranate, Jijai Nano Kitchen Garden, Soybean, Gram, Sugarcane, Red gram, Watermelon etc. production and Protection technologies. Agricultural Processing & value addition, agri-based entrepreneurship, Organic farming. Also the topic related to animal husbandry is feed management & Goat farming were also included. In new DAIB's having 7 theme and 31 different technological/ enterprises information (text as well as Videos) including DAIB Corner with its chronological development history. The new QR Code based DAIB were designed & redeveloped at 3 X 2 feet size of digital foam sheet flex during 2022-23 and displayed said board in more than 200 villages of 11 tahsils of Solapur district. Also in all KVK focal villages, 11 TAOs, 3 SDAO,s, DSAO office, Agril school, ZARS & ACRIPDA project Villages and FPC offices/ Organic Vegetable mall. The First DAIB Board was fixed in KVK corridor initially. At village level the DAIB boards were displayed at most busy place / Gram Panchayat Corridor with responsibility to 2 young farmers.   Initially demonstrations were given to farmers about how to access the needful information through QR codes based DAIB. KVK Solapur submitted project Proposal to PD,ATMA, Solapur and got Rs.2,00,000/- for the redevelopment QR code based DAIB's and its spreading in Solapur district by conversion mode during 2023.

Presently this innovative extension methodology I.e. Use of QR code based DAIB taken up by ATMA,Solapur and Department of Agriculture for speedy transfer of improved agricultural and allied technologies including natural farming and animal husbandry. Presently it has been seen that this QR code based DAIB's are using not only in Solapur district but spread in more than 10 districts of Maharashtra state and 4 districts of 3 states of India as it is spread by digital sharing. The KVK Solapur also assessed the impact of use of QR code based DAIB during 2023 by the online exploratory and Google data analytics, *the results concluded that the majority of the QR code based Digital Agril. Information Board (DAIB) users are young farmers having better education level, Some farmers were observed to be in the high level of education and higher level of use of ICT applications. The majority (32.50%) users are educated up to secondary level, followed by 22.50 and 20.00 Per cent by higher secondary & graduate level of education. It was observed that 72.50 per cent users feel comfortable about use of DAIB Board. Also 75.00 per cent users ranked it as very useful where as 20.00 per cent ranked it as Useful tool for getting improved Agril. Information. It was also observed that out of 14 different technologies displayed through QR codes on DAIB, 81.30 per cent Farmers chose Onion Technologies followed by 72.50 per cent for Gram technologies respectively. Also 58.80 per cent Farmers Prefer improved crop production technologies followed by 57.50 % and 36.30 % Hi-tech Horticulture and animal husbandry technologies respectively. Theme wise preference of users are 31.57 per cent for fruit & vegetable,22.24 per cent for Agronomical crops, 13.94 per cent for Animal husbandry, 11.24 per cent Pest & diseases control and 10.76 percent for*

Hi-tech technologies respectively. It is inferred that QR code based DAIB are helps to improve their production due to timely & seamlessly availability of needful information of improved agricultural technologies. As it is cost effective and easy to use model of extension for transfer of agricultural technologies especially for Young farmers, it had wide scope in futuristic Extension.

Demonstrations of use of DAIB by Dr. L. R. Tambade in different