

# BUREAU OF INDIAN STANDARDS

## Program of Work

### FAD 22 : Agricultural Systems And Management

Scope:

1. Systems approach to Agricultural Management including Good Agricultural Practices (GAP)
2. Hi-Tech Agricultural Practices viz. Plasticulture, Protected Agriculture and Precision farming.
3. Agricultural Production Systems including Crop, Horticulture, Livestock, Aquaculture and Organic Production Systems, natural farming system and other integrated farming systems.
4. Agricultural Marketing viz. Contract, Corporate Marketing and Direct Marketing relating aspects.
5. Other miscellaneous activities related to Agricultural Resource Management

Liaison: **ISO TC-347 (P): Data-driven agrifood systems** **ISO TC-347 (P): Data-driven agrifood systems**

## Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 14461:2024	Surface Covered Cultivation Structures – Glossary of Terms (First Revision)		-	Indigenous
2	IS 14462:1997	Recommendations for layout, design and construction of greenhouse structures	August, 2023	-	Indigenous
3	IS 14485:1998	Recommendations for heating, - Ventilating and cooling of greenhouses	August, 2023	-	Indigenous
4	IS 15175:2002	Surface covered cultivation structure - Establishment and operation of mist chamber - Guidelines	August, 2023	-	Indigenous
5	IS 15177:2002	Surface covered cultivation - Plastics mulching - Code of practice	August, 2023	-	Indigenous
6	IS 15827:2019	Cladding Films for Greenhouse / Polyhouse - Specifications (First Revision)	August, 2023	1	Indigenous
7	IS 15828:2009	Design and Construction of Plastic Lined Farm Ponds - Code of Practice	June, 2025	-	Indigenous
8	IS 15830:2009	Surface Covered Cultivation -	July, 2025	-	Indigenous

		Plastics Mulching Laying Machine - Functional Requirements			
9	IS 15930 (Part 5):2017	Requirements for good agricultural practices - IndiaGap: Part 5 coffee base	February, 2023	-	Indigenous
10	IS 15930 (Part 8):2017	Requirements for good agricultural practices - IndiaGap: Part 8 cattle and sheep base	February, 2023	-	Indigenous
11	IS 15930 (Part 3):2019	Requirements for good agricultural practices - IndiaGap: Part 3 Combinable Crop Base	August, 2023	-	Indigenous
12	IS 15930 (Part 4):2019	Requirements for good agricultural practices - IndiaGap: Part 4 tea base	August, 2023	-	Indigenous
13	IS 15930 (Part 7):2018	Requirements for good agricultural practices - IndiaGap: Part 7 poultry base	February, 2023	-	Indigenous
14	IS 15930 (Part 1):2025	REQUIREMENTS FOR GOOD AGRICULTURAL PRACTICES IndiaGAP PART 1 CROP BASE First Revision of IS 15930 Part 1		-	Indigenous
15	IS 15930 (Part 1):2011	Requirements for good agricultural practices - IndiaGap: Part 1 crop base	January, 2021	-	Indigenous
16	IS 16550 (Part 2):2021	Organically produced food products - Part 2, Animal based		-	Indigenous
17	IS 16550 (Part 1):2016	Organic production system and labelling of organically produced products: Part 1 crop based	January, 2021	-	Indigenous
18	IS 18806:2024	HYDROPONIC FARMING PRODUCTION SYSTEM - REQUIREMENTS		-	Indigenous
19	IS 18807:2024	ARTIFICIAL LIGHTING SYSTEM FOR PROTECTED CULTIVATION i <sub>c</sub> <sup>1/2</sup> REQUIREMENTS		-	Indigenous
20	IS 18845:2024	INTEGRATED PEST MANAGEMENT i <sub>c</sub> <sup>1/2</sup> REQUIREMENTS		-	Indigenous

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	FAD 22 (27458)	AGRIVOLTAICS FARMING PRODUCTION SYSTEM REQUIREMENTS

### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	FAD 22 (02772)	Organically produced food products - Part 2 Animal based
2	FAD 22 (02700)	Organic Production System - Part 1 Crop Production
3	FAD 22 (02194)	DIS - Requirements for Good Agricultural Practices - India GAP Combinable Crop Base
4	FAD 22 (02195)	DIS - Requirements for Good Agricultural Practices - India GAP Tea Base
5	FAD 22 (02196)	DIS - Requirements for Good Agricultural Practices - India GAP Coffee Base
6	FAD 22 (02199)	DIS - Requirements for Good Agricultural Practices - India GAP Cattle Sheep Base
7	FAD 22 (22873)	REQUIREMENTS ON FARMING PRACTICES AND LABELLING OF NATURALLY PRODUCED PRODUCTS - NATURAL FARMING PRODUCTION SYSTEM
8	FAD 22 (23575)	HYDROPONIC FARMING PRODUCTION SYSTEM - REQUIREMENTS
9	FAD 22 (23576)	ARTIFICIAL LIGHTING SYSTEM FOR PROTECTED CULTIVATION REQUIREMENTS
10	FAD 22 (23578)	INTEGRATED PEST MANAGEMENT REQUIREMENTS
11	FAD 22 (23618) Revision of: IS 14461:1997	SURFACE COVERED CULTIVATION STRUCTURES GLOSSARY OF TERMS First Revision of IS 14461
12	FAD 22 (25549)	INTEGRATED NUTRIENT MANAGEMENT CODE OF PRACTICE
13	FAD 22 (26823) Revision of: IS 15930:2011	REQUIREMENTS FOR GOOD AGRICULTURAL PRACTICES IndiaGAP PART 1 CROP BASE First Revision of IS 15930 Part 1
14	FAD 22 (27588) Revision of: IS 14462:1997	DESIGN LAYOUT AND CONSTRUCTION OF GREENHOUSE STRUCTURES SPECIFICATION First Revision of IS 14462
15	FAD 22 (32851)	SURFACE COVERED CULTIVATION PLASTICS MULCHING LAYING MACHINE REQUIREMENTS First Revision of IS 15830
16	FAD 22 (32860)	CLADDING FILMS FOR GREENHOUSE POLYHOUSE SPECIFICATIONS Second Revision of IS 15827

**Total Published Standards:19 Total Standards Under development:17**

### Aspect Wise Report

Product : 2  
Code of Practices : 14  
Methods of Test : 0  
Terminology : 1  
Dimensions : 0  
System Standard : 2  
Safety Standard : 0  
Others : 0  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

**Annexure-I :List of Indian Standards Withdrawn/Superseded**

<b>SI. No.</b>	<b>IS No. &amp; Year</b>	<b>Title</b>
<i>No Records Found</i>		

**Annexure-II :List of Indian Product Standards**

<b>SI. No.</b>	<b>IS No. &amp; Year</b>	<b>Title</b>
1	IS 15827:2019	Cladding Films for Greenhouse Polyhouse - Specifications First Revision
2	IS 15830:2009	Surface Covered Cultivation - Plastics Mulching Laying Machine - Functional Requirements