



GREEN FARMING

Vol. 2 [Issues 1-6 (Bi-monthly), January to December 2011]

(Contents list available at www.greenfarming.in)

KEYWORDS INDEX

A

2, 4-D	210, 479	<i>Bemisia tabaci</i>	347	Calcium chloride	446
<i>Abelmoschus esculentus</i>	199, 393, 415, 552, 682	Beneficiaries	742	<i>Callosobruchus chinensis</i>	99
<i>Acacia nilotica</i>	162	Beneficiary farms	723	Calorific value	116
Acid value	432	Bengal bamboo	455	<i>Capsicum annuum</i>	62, 68, 78, 97, 145, 312
Adlibitum	496	<i>Bhendi</i>	513	<i>Carcelia illota</i>	485, 543, 680
Adoption	435, 702	<i>Biasi</i>	73	Carbohydrate	516
Adoption behaviour	690	Bioagents	227, 230, 563, 567, 571 577,	Carbon and nitrogen source	345
Agricultural exports	730	Biochemical	375	Carrier based inoculants	567
Agriculture extension programme	629	Biochemical attributes	443	Carrot	59
Agri-export zones	598	Biochemical constituents	11	<i>Carthamus tinctorius</i>	112, 661
Agrocure	80	Biochemical parameters	459	Castor	70
Air-drying	366	Biochemical traits	387	Categories of farm women	629
Alfisols	379	Biocompost	546	CCC	244
Alkaline water	196	Bio-efficacy	53	CFB box	472
Allelopathy	328	Biofertilizer	166, 173, 459, 524, 658	Chemical composition	735
<i>Allium cepa</i>	170, 548, 675	Biofuel	744	Chemical fertilizers	312
<i>Aloe barbadensis</i>	366	Bio-inoculants	32, 53	Chickpea	65, 191, 253, 325,
<i>Aloe vera</i>	366	Biomethanated spentwash	405		382, 505,
Alphonso mango	449, 452	Biometric	665		516, 636,
<i>Alternaria alternata</i>	91, 97, 345, 485, 563, 584	Bio-organics	481		686
<i>Alternaria brassicicola</i>	94, 574	Biopesticides	87	Chilli	78, 97, 145, 485, 615,
<i>Alternaria dianthicola</i>	571	Bioremediation	122		680
Amendments	42, 87	Biozyme	408		244
Amino acid	94, 116	Bittergourd	158, 421	<i>China aster</i>	94, 127
Amylase	142	Bivoltine	612	Chlorophyll	65, 191, 253,
Animal drawn rotary tiller	462	Blackgram	182, 227, 319	<i>Cicer arietinum</i>	325, 382,
<i>Annona squamosa</i>	550	Blending	735		505, 516,
Antagonists	224, 582	<i>Bombyx mori</i>	109, 239,		636, 686
Aonla	477	Bore well water	707, 605, 609		
<i>Aoshima mandarin</i>	631	Boron	138	Citronella oil	591
<i>Aphis glycines</i>	347	Botanicals	654, 651	<i>Citrus unshiu</i>	631
Aquifer storage	624	BPV	97, 483	Clonal propagation	371
<i>Arachis hypogaea</i>	80, 438, 665	Brake thermal efficiency	236	Clump attributes	242
Aromatic rice hybrids	369	<i>Brassica juncea</i>	469	Cluster bean	276, 546, 684
Ascorbic acid	127	<i>Brassica oleracea</i>	32, 94, 574	Coconut milk	735
Attitude	742	Breeding	234	Cocoon	239, 609
Azadirachtin	556, 686	Brinjal	236	Cocoon character	493
<i>Azospirillum</i>	152	Brown algae	556	Cocoon yield	493, 612
Azotobacter	68, 543, 658	<i>Bt. cotton</i>	459	Coefficient of variation	359
		Bulk density	135	Coir waste	221
		Bullock drawn planter	462	<i>Colletotrichum</i>	577
B:C ratio	671, 680, 682	Bunch stem necrosis	739	Combining ability	131, 267,
Baby corn	188		207		382, 393,
<i>Bacillus subtilis</i>	698				415, 475,
Bambusa tulda	455				521
Banana	210, 408, 479, 527	Cabbage	234, 671	Component characters	390
		<i>CaCO₃</i>	42	Compound growth rates	359
Baphia nitida	1	<i>Cajanus cajan</i>	24, 257, 379,	Cono weeding	428
Bee flora	106		530, 641	Constraints	629, 702, 719
Bell pepper	68, 543	<i>Cajanus cajanifolious</i>	510	Constraints in marketing	591

C

Contract farming	598	Economic management	377	Fungicides	485, 571,
Conventional agriculture	733	Economic traits	109		694
Conventional practices	631	Economic yield	312, 530	FYM	32, 56, 322,
Coriander	615	Economics	70, 155, 176,		309, 401,
Correlation	279, 316, 636		362		425, 658
Correlation path analysis	7	<i>Eisenia foetida</i>	114	G	
Cost benefit	624	Electonic metering	739	GA_3	210, 244,
Cost of cultivation	671, 727	<i>Eleuscine coracana</i>	658		477, 479,
Cost of production	735	<i>Emblica officinalis</i>	477		533, 550
Cotton	102, 294, 618	EMS	78	Gamma rays	78
Cow milk	735	Environment	636	GCA	267
Cow urine	502	Enzymatic activities	405	Gene action	267
Cowpea	91, 316, 345, 487, 563	Equivalent yield	196	General & specific combining ability	475
Crop productivity	112	Espacement	242	Genetic advance	7
Crop protection	118	Estimates of output	411	Genetic divergence	276
Crop spacing	62	Ethepron	479	Genetic diversity	641
Crop sustainability	285	Ethepron and urea	210	Genetic variability	7, 15, 219, 387
Cropping system	401	Ethrel	477	Genetics	510
Crude fiber	516	Ethyl ester blend	469	Genotypes	443, 548
Crude protein	496	Evaluation	170	Genotypes & germination	142
Cucumber	521	Export potential	730	Geriatric mix	116
<i>Cucumis sativus</i>	521	Extreme value type	709	Germination	302, 550
Culling	162	F		Gherkin	598
Culm	242	Farmers	702	Gilioe	373
Cumin	615	Farmers behaviour	204	Gladiolus	213, 571
Curcuma	20	Farmyard manure	149, 158	Glycemic index	713
<i>Curvularia lunata</i>	230, 579	Fat	735	<i>Glycine max</i>	201, 276, 347
Custard apple	550	Feed supplements	601	Golden rod	244, 533
Cut root	59	Fenugreek	282, 362	<i>Gossypium</i> spp.	359
Cutting	540	Fertigation	76, 213, 554	Grain discolouration	230, 579
<i>Cyamopsis tetragonoloba</i>	546, 684	Fertilizer adjustment equations	135	Grain Nain	210, 479
Cycocel	446	Fertilizer levels	668	Grain protein	364
Cyst nematode	227, 483	Fertilizer management	322	Grain yield	364, 654
Cytoplasmic male-sterility	24	Field capacity	593	Gram pod borer	561
D		Field efficiency	593, 596	Grapes	207, 342, 356, 411
<i>Daincha</i>	155	Field performance	455, 593	Green manure	73, 524
Damping off	698	Finger millet	658	Green pod	546
<i>Daucus carota</i>	59	Flesh thickness	521	Greengram	196, 224, 232, 322,
Decomposition analysis	145	Floral calendar	106	425, 459, 481, 483, 489	
Deficit	709	Floral diversity	106		
Design	624	Flowering	455	Greenhouse design	671
Diabetes mellitus	713	Flowering duration	65	Gross cropped area	723
Diallel analysis	217	Flowering parameters	213	Gross returns	411
Diesel	469	Flubendiamide	556	Groundnut	80, 332, 438 665, 739
Digestible crude protein	496	Fly ash	654	Growing degree days	65
Dolomite	449	Fodder yield	668	Growing season	11
Double hybrid	612	Foliar spray	244	Growth	459, 548, 550, 554, 675
Draft animals	462	Forage browse plants	1		
Drip irrigation	76, 408, 552	Foundation cross	109	Growth & leaf yield	138
Drymatter	496	Fractionation	32	Growth attributes	340, 408
Drymatter production	649	Free amino acid	516	Growth parameters	50, 213, 428, 483, 684
Dung substrates	114	Fruit borer	85		
E		Fruit quality	185, 421, 631		
Earthworm	114	Fruit set	47		
<i>Echinochloa column</i>	328	Fruit weight	47		
Eco-friendly	122	Fruiting attributes	452		
Economic analysis	356, 591	Fungal bioagents	97		
Economic characters	707	Fungal isolates	567		

Growth performance	601	Isabgol	15	Marketing channels	719
Growth rates	112, 615	ISSR markers	641	Marketing cost & margins	356
Growth regulators	540	IW/CPE ratio	325	Marketing management	166
Guava	47, 194, 443			Mass trapping	556
Gums	466			Mathematical modeling	366
J					
		Jatropha	466, 744	Methi	282
H					
Health hazards	411			Microbial count	309
Heat susceptibility index	271	Kheer	735	Micro-nutrients	42, 47, 675
Heavy metals	42, 122, 138	Knowledge	102, 435, 690,	Micro-propagation	537
<i>Helianthus annuus</i>	279		702	Mid-central table land zone	106
<i>Helicoverpa armigera</i>	85, 491, 561, 686	KSB	53	Mineral constituents	733
Heliothermal unit	65			Minicore collections	636
Heritability	7			Mini-sprinkler	362
Heterobeltiosis	364	L		MMD	462
Heterodera cajani	227, 483	<i>L. connatus</i>	221	Moisture regimes	213, 322
Heterosis	382, 521	Labour employment		<i>Momordica charantia</i>	158
Heterosis & heterobeltiosis	217	maximization	586	<i>Morinda citrifolia</i>	540
Hexachloro cyclohexane	80	Lactating cows	496	Morphological characters	20
High temperature	109	Land configuration	425, 438	<i>Morus</i> spp.	285
Horse dung	114	Land use	37	Mountages	605
Humic acid	185, 618	Larval weight	493	MPV	236
Humidity	109	<i>Lasiodiplodia theobromae</i>	694	Mulberry	138, 285, 290, 375, 396, 493, 694, 702, 707
Hybrid vigour	236, 257	Late sowing	379	Mulching	70, 199, 552
Hydrologic soil groups	37	Lateritic soil	173	Multi crop planter	739
Hydrophilic polymer	127, 305	Lateritic soil	316	Mungbean	232
Hydropriming	152	Lead	32	<i>Musa paradisiaca</i>	210, 408, 479
I		Leaf area	305	Mustard	432, 574
IBA	540	Leaf blight	91, 97, 232, 481, 485, 489, 563, 571, 577,	Mycorrhiza bio-fertilizer	191
Impact of pH losses	356		584		
<i>In vitro</i>	537	Leaf extracts	328	N	
Inceptisol soil	332	Leaf quality traits	290, 396	N, K, bio-fertilizers	316
Indigenous calves	601	Leaf yield	290, 493	NAA	194, 210, 244, 479, 540
Induced resistance	579	Lecithin	466	National Horticulture Mission	742
Infiltration rates	37	Legume grains	99	National yellow pool	645
Ingredients silkworm	609	<i>Leucinodes orbonalis</i>	556	<i>Nicotiana tabacum</i>	698
Inheritance	510	Liberalised economy	730	Nitrate reductase	127
INM	27, 149, 298, 312, 362, 527, 682	Line x tester analysis	131, 415, 645	Nitrification inhibition	418
Inorganic fertilizer	56, 309, 425	Linear programming model	586	Nitrogen	68, 149, 158, 179, 199, 340, 421, 543, 662, 680
Insect pests	502	Linoleic acid	432	Nitrogenous compounds	489
Instability index	112, 353, 615	Liquasorb	305	Non-adoption	500
Integrated pest & disease		Lucknow-49	47	Noni	540
management	491, 690	Lycopene	127	Novaluron	556
Intensive agriculture	294	<i>Lycopersicon esculentum</i>	11, 185, 305	NPK uptake	618
Inter cropping	188, 246, 336			NPV	686
Intermittent irrigation	428	<i>Macrophomina phaseolina</i>	232, 481, 489	NSKE	491, 556
Interspecific progenies	641	Macro-proliferation	455	Nutrient chemicals	452
Interval between cuts	649	Maize	267, 350, 645, 727	Nutrient management	191, 401, 658
Iodine value	432	Major cereals	353	Nutrient savings	155
IPM modules	102, 556, 686	Male-fertility	510	Nutrient uptake	173, 316, 527, 661, 680
IPM strategy	561	Male-sterility	510	Nutrients imbalances	207
Irrigation	24, 70, 199, 253, 554	Management methods	118, 485	Nutritional value	1, 158
Irrigation levels	182, 325	<i>Mangifera indica</i>	246, 449, 452, 472		
Irrigation methods	196	Mango	246, 472, 605, 716		
Irrigation planning	586				

O

<i>Ochlandra travancorica</i>	242
Oil-processing unit	591
Okra	85, 199, 393, 415, 552, 682
Onion	170, 548, 675, 677
Optimal cropping pattern	586
Orange tomato cultivars	11
Organic agriculture	733
Organic amendments	577
Organic chilli	145
Organic farming	294, 411, 435
Organic fertilizer	27, 505
Organic inputs	411
Organic manures	59, 114, 188, 312, 319, 396, 682
Organic mulching	631
Organic sources	298, 421
Organic waste	114
Organics	50, 87, 302
<i>Oryza sativa</i>	50, 73, 155, 230, 579
Osmoticum	262
Output growth	359

P

<i>P. sajor-caju</i>	221
Pacllobutrazol	452
Paddy	42, 50, 302, 655
Paddy castor cropping system	298
Paddy grass	605
Palmarosa	149
Palmitic acid	432
<i>Panchagavya</i>	524, 579
Pasture species	649
Path analysis	279
Path coefficients	636
Path of productivity	415, 645
Pearl millet	131, 152, 176, 219, 262, 387, 390
Pedicel	342
PEG stress	142
<i>Pennisetum glaucum</i>	131, 152, 176, 262, 387
<i>Pennisetum typhoides</i>	219, 390
Pepper	615
Performance evaluation	593
<i>Peronospora plantaginis</i>	87
Peroxidase	94
Pesticide metabolism	122
<i>Phaseolus mungo</i>	182
<i>Phaseolus radiatus</i>	322
Phenological attributes	505
Phosphatides	466

Phosphorus	149, 336
Photo thermal index	65
Physico-chemical properties	472, 530
Physio-anatomical traits	707
Physiological features	375, 428, 446, 452
Phytoextracts	584
Phytoremediation	122
Pigeonpea	24, 257, 379, 510, 530, 641
Pine shoot lets	605
<i>Piper longum</i>	577
<i>Pisum sativum</i>	475
Plant extracts	224, 563, 571
Plant growth regulator	455, 537
Plant height	446
Plant population	438
Plant spacing	340, 441
<i>Plantago ovata</i>	15
Planter	739
Planting dates	533
Planting distance	24
Planting method	325
Plastic collapsible	605
PLW	677
Pod number	382
Poison food technique	694
<i>Polianthes tuberosa</i>	584
Policy	624
Polluted soils	42
Polyethylene bags & CFB boxes	472, 716
Polyethylene glycol	262
Polyhouse	62
Polymer coating	152
Polythene mulch	438
Pongamia oil	469
Population dynamics	347
Post-harvest treatments	472
Postprandial	713
Potassium	149, 556
PPM	550
Pre-emergence weedicide	332
Premium paid	723
Pressmud biocompost	336
Price spread	719
Probability	709
Probiotics	601
Problems	118, 500
Production variability	353
Productive hybrids	109
Productivity variability	353
Progenies	513
Proline	142
Protein	116, 516, 546, 735
PSB	53, 350
Pseudomonas	350, 524
<i>Pseudomonas fluorescens</i>	87, 698

Pseudomonas ptm

degradation	80
<i>Psidium guajava</i>	194
Psyllium	15, 87
<i>Pyricularia oryzae</i>	582
<i>Pythium aphanidermatum</i>	698

Q

Quality analysis	170, 257
Quality of fruits	449
Quality parameters	173, 340, 443, 472, 479, 521
Quantitative characters	47, 236, 271, 665
Quinazolin	99

R

Rachis	342
<i>Ragi</i>	658
Rainfall	709
Rainfed area	382, 702
Rainfed chickpea	491
Raingun sprinklers	196
Rainwater harvesting	624
Rapeseed-mustard	719
<i>Rauvolfia serpentina</i>	537
RDN	680
Recommended NPK fertilizers	319
Reducing sugar	516
Reed bamboo	242
Relative water content	305
Residual effect	155, 527
Resource use efficiency	598
Resource use gap	727
<i>Rhizoctonia solani</i>	221
Rhizosphere	122
Rice	73, 118, 221, 230, 319, 328, 336, 428, 524, 582, 579, 733
<i>Ricinus communis</i>	70
Risk attitude	204
Risk aversion behavior & function	204
Root media	62
Root rot	577
Rooted cuttings	371
Rotary mountage	239
Rotavator	593
Rotting	677
Row ratio	24
Rural women	435
Rynaxypy (Coragen)	85, 234

S

<i>Saccharum officinarum</i>	690
Safflower	112, 567, 661
Sal cake	27, 418

Salt affected soils	199	<i>Spodoptera exigua</i>	234	<i>Turbinaria decurrens</i>	459
Sandy loam soil	179	Spondias mumbin	1	Turmeric	20, 615
Saponification value	432	Spore germination	694	Tyloses	342
<i>Sarpagandha</i>	537	Sporulation	574		
SCA	267	Sprouting	677	U	
Seasonal effect	1, 375	SRI management	428	Upland	118
Seaweed extract	408, 459	Standard heterosis	369	Uptake	149
Seed dormancy	373	STCR equation	530	Urea	221, 194, 479, 496
Seed germination	78, 80, 477	STCRC	135	Utility perception	102
Seed hardening	446	Stem canker	694		
Seed mycoflora	487	<i>Stevia rebaudiana</i>	371	V	
Seed production area	68, 162, 455,	Storage life	158	Varagu rice	713
	543	Straw yield	546	Variability	271, 415
Seed quality parameters	487	Succeeding rice	155	Variance	267
Seed soaking	373, 477	Sugar	668, 716	Varieties	232, 505, 684
Seed treatment	227, 483	Sugarcane	179, 336, 690	Ventilation	671
Seed weight	382	Sulphur	432, 546, 661	Vermi-compost	32, 42, 114, 176, 401, 435, 524
Seed yield	59	Sulphur sources	179	<i>Verticillium lecanii</i>	698
Seeder	73	Sum insured	723	Vertisols	135, 379
Seedling growth	328, 477, 550	Sunflower	279	<i>Vigna radiata</i>	224, 425, 459, 481
Segregants	271	Sunhemp	290	<i>Vigna sinensis</i>	173, 316
Segregating population	513	Superior segregants	513	<i>Vigna unguiculata</i>	345, 487, 563
Sensory evaluation	735	Supplement	609	Vigour index	302, 579
Seri-compost	290	Suppression	502	<i>Vitis vinifera</i>	207, 342
Sericulture	500	Surface irrigation	196		
Serifeed	609	Surplus	709	W	
<i>Sesamum indicum</i>	7, 328	Sweet corn	76, 441, 554	Wasteland	744
<i>Sesbania aculeata</i>	155	Sweet pepper	312	Water degumming	466
Sewage water	138	Sweet sorghum	668	Water soaking	446
Sheath blight	221			Water use efficiency	76, 196
Shelf life attributes	472, 677, 716	T		Weed control efficiency	182
<i>Shorea robusta</i>	27, 418	<i>T. harzianum</i>	698	Weed suppression	631
Silk grade	239	Table pea	475	Weeding	596
Silkworm	109, 239, 493,	Tannin	418	Wheat	217, 271, 364, 446
	612, 707	Tea	294	Wilt	567
Silkworm cocoon	605	Technology	702	Women involvement	377, 598
Single & double cross	513	Therapeutic	713	Wrinkled seeds	487
Sleeping	210, 479	Thiadiazoles	99		
Soaking hours	533	Thiazoles	99	Y	
Sodic soil	53, 196	Thompson seedless	207, 342	Yield	11, 76, 316, 362, 543, 548, 552, 554, 658, 665, 675
Soil fertility	411	Tillage effect	285	Yield attributes/parameters	50, 170, 282, 176, 179, 393, 408, 428, 438, 441, 449, 618
Soil health	290	Tillers	446		
Soil micro-organisms	396, 401	<i>Tinospora cordifolia</i>	373	Yield economics	682
Soil nutrients	319	Tobacco	698	Yield gap analysis	201
Soil organic carbon	285	Tomato	127, 305	Yield targetting equations	530
Soil properties	138, 654, 682	Total dry matter	305		
<i>Solanum melongena</i>	556	Total loss	677	Z	
<i>Solidago canadensis</i>	533	Total phenols	94	<i>Zea mays</i>	116, 188, 267, 350, 645
Sorghum	56, 309, 668	Total soluble solid	127	<i>Zea mays saccharata</i>	76, 554
Source of collection	1	Tractor drawn weeder	596	Zinc sulphate	185, 665
Sowing time	441	Tractor mounted	593		
Soybean	142, 201, 347,	Trainee farmers	102		
	401, 405	<i>Trichoderma harzianum</i>	698		
Spacing	188, 379	<i>Trichoderma</i> spp.	563, 698		
Specially designed scheduled	723	<i>Trichoderma viride</i>	97		
Specific fuel consumption	469	<i>Trigonella foenum-graecum</i>	282, 362		
Spikelets	446	<i>Triticum aestivum</i>	217, 271, 446		
Spinosad	556	<i>Triticum durum</i>	364		
Split application	158, 421	TSS	716		
		Tuberose	584		