

# GREEN FARMING

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## KEYWORDS INDEX

|                                   |                                                            |                                        |                               |                                    |                                                |
|-----------------------------------|------------------------------------------------------------|----------------------------------------|-------------------------------|------------------------------------|------------------------------------------------|
| 2, 4-D                            | 438                                                        | Backcross inbred lines (BILs)          | 512                           | Carbon stock                       | 1294                                           |
| 6 BA and Uracil                   | 921                                                        | Bacteria                               | 1174                          | Carboxymethyl cellulose            | 995                                            |
| <b>A</b>                          |                                                            | Bamboo polyhouse                       | 724                           | Carcelia illota                    | 200                                            |
| <i>Abelmoschus esculentus</i>     | 346                                                        | Banana                                 | 1393                          | Cashew                             | 430                                            |
| Abiotic stress                    | 394, 1012                                                  | Banana pseudostem sap                  | 156                           | Castor cake                        | 1122                                           |
| Acceptability                     | 991                                                        | BCR                                    | 907                           | Cauliflower leaves powder          | 502                                            |
| Acid soil                         | 379, 1320                                                  | <i>Beauveria bassiana</i>              | 940                           | Cauliflower varieties              | 1331                                           |
| Acidity                           | 1227, 1410                                                 | <i>Beejamrut</i>                       | 156                           | Central Composite Rotatable Design | 972                                            |
| Acoustic resonance technique      | 986                                                        | Bell pepper                            | 839, 907                      | Character association              | 1317                                           |
| Acrylamide                        | 20                                                         | <i>Bemisia tabaci</i>                  | 1376                          | Chemical & physical parameters     | 389                                            |
| Additive effect                   | 52                                                         | Ber fruit                              | 728                           | Chemical composition               | 502, 1005                                      |
| Additive genetics                 | 56                                                         | Berry diameter                         | 142                           | Chemical fertilizers               | 168, 715                                       |
| Adult plant resistance gene       | 1056                                                       | Bhima catchment                        | 1351                          | Chemical properties                | 232                                            |
| Aerobic and submerged condition   | 80                                                         | Bidi tobacco                           | 1245                          | Chhana                             | 999                                            |
| Aerobic rice                      | 137, 1152                                                  | Bioagents                              | 210, 227                      | Chickpea                           | 37, 200, 266, 356, 422, 559, 566, 643, 711     |
| Age of seedlings                  | 160, 330                                                   | Biochemical parameters                 | 20, 498, 895, 981, 1270       | Chickpea genotypes                 | 194, 1142, 1157                                |
| Agricultural operations           | 1174                                                       | Bio-colours                            | 178                           | Chickpea germplasms                | 814                                            |
| Agrifound Light Red               | 151                                                        | Biocontrol agents                      | 935                           | Chilli                             | 52, 222, 291, 389, 454, 935                    |
| Agro-morphology                   | 11                                                         | Biodiesel                              | 672, 1223                     | Chilli fruit                       | 617                                            |
| Air assisted sprayer              | 1219                                                       | Biodiesel blend                        | 1223                          | Chitosan                           | 995                                            |
| Alfalfa                           | 966                                                        | Biofertilizers                         | 227, 384, 458, 656, 660, 1111 | <i>Chlormequat chloride</i>        | 1335                                           |
| Alfisol                           | 622                                                        | Biogas                                 | 1211, 1215                    | Chlorophyll                        | 282, 647, 672                                  |
| Alkali spreading value            | 20                                                         | Bio-inoculants                         | 399                           | <i>Cholorophytum borivilianum</i>  | 556                                            |
| <i>Allium cepa</i>                | 1317                                                       | Bio-inputs                             | 1111                          | Chroma value                       | 486                                            |
| <i>Allium sativum</i>             | 592                                                        | Biomass productivity                   | 672                           | Chrysanthemum                      | 399                                            |
| <i>Aloe vera</i>                  | 1180                                                       | Biomass yield                          | 237                           | Citrus                             | 1099                                           |
| Alternatives                      | 168                                                        | Biomethanation                         | 1211                          | <i>Citrus sinensis</i>             | 458                                            |
| Amaranth                          | 976                                                        | Biopesticides                          | 188                           | Clear & Diffused polyfilm          | 724                                            |
| Amaranthus genotypes              | 1071                                                       | Biophysical parameters                 | 833                           | Cloth bag                          | 966                                            |
| Ameliorant                        | 1320                                                       | Biopriming                             | 222                           | Cluster analysis                   | 535, 1012, 1096                                |
| Amomum subulatum                  | 417                                                        | Biorationals                           | 200                           | Cluster beans                      | 69, 394, 480, 743                              |
| Amrutmitti                        | 1206                                                       | Biscuit composition                    | 502                           | Cluster distance                   | 1024                                           |
| Anaerobic digestion               | 1211                                                       | Black pepper                           | 1356                          | Cluster mean                       | 322, 1024                                      |
| Anti-nutrition factor             | 1185                                                       | Blade angle                            | 1219                          | Clustering pattern                 | 552                                            |
| <i>Aonla</i>                      | 494                                                        | Blending                               | 1410                          | Clusters                           | 322                                            |
| <i>Aphis craccivora</i>           | 1376                                                       | <i>Bombyx mori</i>                     | 1201                          | CMS line                           | 688                                            |
| Appearance                        | 486                                                        | Bore well water                        | 142                           | Coagulation                        | 999                                            |
| Apple farmers                     | 1169                                                       | Boron                                  | 576, 696                      | Coated urea                        | 602                                            |
| Apple weight                      | 430                                                        | Boundary plantation                    | 957                           | Coconut water                      | 214                                            |
| Application rate                  | 732                                                        | Bradyrhizobium                         | 627                           | Cocoon yield                       | 715                                            |
| Aquatic weeds                     | 668                                                        | Bread wheat                            | 552, 1067                     | Coefficient of uniformity          | 732                                            |
| <i>Arachis hypogaea</i>           | 808                                                        | Brinjal                                | 426, 829, 872                 | Cold storage                       | 498                                            |
| Arid zone                         | 633                                                        | Brinjal genotypes                      | 823                           | <i>Coleus forskohlii</i>           | 218                                            |
| Arka microbial consortia          | 1343                                                       | Brinjal yield                          | 676                           | Collar rot                         | 935                                            |
| <i>Ashwagandha</i>                | 945                                                        | Broad bed and furrows                  | 1280                          | Colonization                       | 222                                            |
| <i>Aspergillus</i> sp.            | 426                                                        | Broccoli                               | 1018                          | Colour plastic mulch               | 1339                                           |
| Association mapping               | 75                                                         | <i>Bt</i> cotton                       | 87, 93, 473, 622, 1280        | Colourants                         | 178                                            |
| Authenticity                      | 701                                                        | Buffalo milk                           | 1387                          | Combining ability                  | 1, 56, 254, 260, 291, 759, 778                 |
| Autoregressive model              | 1351                                                       | Bulb onion                             | 1313                          | Combustion characteristics         | 1223                                           |
| Available NPK                     | 1275                                                       | Bulb yield                             | 151                           | Commercial check                   | 684, 839                                       |
| Available nutrient contents       | 612                                                        | Button mushroom                        | 1215                          | Commonly consumed                  | 183                                            |
| Available Zn                      | 1294                                                       | <b>C</b>                               |                               | Complex weed flora                 | 350                                            |
| Average Coefficient of Infection  | 1056                                                       | <i>C. chlorideae</i>                   | 200                           | Components                         | 11                                             |
| Average degree of dominance       | 65                                                         | C.I. engine                            | 1223                          | Compost                            | 132, 660, 957                                  |
| Axial flow blower                 | 1219                                                       | Ca (NO <sub>3</sub> ) <sub>2</sub> 1 % | 1130                          | Cone index                         | 242                                            |
| Azadirachtin                      | 200                                                        | Ca (NO <sub>3</sub> ) <sub>2</sub> 2 % | 1130                          | Conventional agriculture           | 168                                            |
| <i>Azospirillum</i>               | 115, 660                                                   | Cabbage cropping system                | 872                           | Cookies                            | 490                                            |
| <i>Azotobacter</i>                | 115, 652                                                   | <i>Cajanus cajan</i>                   | 362                           | Coral ecosystem                    | 1424                                           |
| <b>B</b>                          |                                                            | Calcium chloride                       | 995                           | Corn meal                          | 178                                            |
| B 0.3 %                           | 1130                                                       | Calcium silicate                       | 434                           | Correct knowledge                  | 462                                            |
| B 0.4 %                           | 1130                                                       | Capacity                               | 728                           | Correction factor                  | 1387                                           |
| B:C ratio                         | 87, 98, 151, 413, 422, 480, 597, 882, 957, 962, 1327, 1339 | Capsule yield                          | 417                           | Correlation                        | 266, 301, 312, 346, 523, 829, 1044, 1189, 1317 |
| <i>Bacillus amyloliquefaciens</i> | 222                                                        | Carbon management index                | 607                           | Correlation and Path analysis      | 25, 1067, 1089                                 |
| <i>Bacillus</i> spp.              | 399                                                        | Carbon pools                           | 477                           | Correlation coefficient            | 287, 547, 766                                  |

|                                     |                               |                                |                                                    |                                    |                                                                                                                                                                    |
|-------------------------------------|-------------------------------|--------------------------------|----------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cost of production                  | 1327                          | Eichhornia compost             | 374, 668                                           |                                    | 592                                                                                                                                                                |
| Cotton                              | 1, 338, 772, 1275             | Eigen value                    | 11, 16                                             | GCA                                | 1, 56, 291                                                                                                                                                         |
| Cowdung                             | 1211                          | Elephant foot yam              | 706                                                | GCA and SCA effects                | 260, 276                                                                                                                                                           |
| Cowpea                              | 664                           | Elevated CO <sub>2</sub>       | 1381                                               | GCAabd SCA ratio                   | 759                                                                                                                                                                |
| Crop arrangements                   | 109                           | Emamectin benzoate             | 205                                                | GCV                                | 6, 11, 312, 317, 342, 529, 547, 1239, 1250, 1421                                                                                                                   |
| Crop coefficient                    | 1161                          | Emission characteristic        | 1223                                               |                                    |                                                                                                                                                                    |
| Crop geometry                       | 160, 852                      | Energy use efficiency          | 1275                                               | GCV & PCV                          | 1085                                                                                                                                                               |
| Crop response                       | 449                           | Engineered constructed wetland | 676                                                | Gene action                        | 65, 276                                                                                                                                                            |
| Cropping sequences                  | 877                           | Enzyme activity                | 639, 643                                           | Gene expression                    | 1076                                                                                                                                                               |
| Cropping systems                    | 957, 962, 1265                | <i>Eruca sativa</i>            | 795                                                | Gene interaction                   | 523                                                                                                                                                                |
| Crude fiber                         | 1185                          | ESP                            | 1299                                               | General combining ability          | 52, 688                                                                                                                                                            |
| csLV34                              | 1056                          | Essential oil                  | 701, 1193                                          | Generation mean analysis           | 276                                                                                                                                                                |
| CTD                                 | 41                            | EST-SSRs                       | 518                                                | Genetic advance                    | 47, 266, 312, 326, 342, 784, 1071, 1093, 1239, 1250                                                                                                                |
| Cucumber                            | 6, 296, 724                   | Ethyl methane sulfonate        | 535, 541                                           |                                    |                                                                                                                                                                    |
| <i>Cucumis melo</i>                 | 60                            | Exchangeable                   | 1308                                               | Genetic components                 | 56                                                                                                                                                                 |
| Cumulative pan evaporation          | 612                           |                                |                                                    | Genetic divergence                 | 25, 69, 1012, 1034, 1039, 1052, 1096                                                                                                                               |
| Cytoplasmic genetic male sterility  | 287                           | <b>F</b>                       |                                                    | Genetic diversity                  | 16, 29, 322, 1024, 1062                                                                                                                                            |
| Cytoplasmic male sterile lines      | 819                           | Farmers' varieties             | 1034                                               | Genetic gain                       | 312                                                                                                                                                                |
| <b>D</b>                            |                               | Farmyard manure                | 607, 732                                           | Genetic parameters                 | 317, 552                                                                                                                                                           |
| D <sup>2</sup> analysis             | 322, 1039                     | Feedback and opinion           | 991                                                | Genetic purity                     | 518, 819                                                                                                                                                           |
| D <sup>2</sup> statistics           | 296, 334, 552, 1052           | Fennel                         | 753                                                | Genetic variability                | 6, 25, 47, 266, 271, 301, 334, 547, 790, 1071, 1085, 1189, 1250, 1421                                                                                              |
| D <sup>2</sup> value                | 1024                          | Fenugreek                      | 692, 1089, 1270                                    |                                    |                                                                                                                                                                    |
| Damage pods                         | 1418                          | Fenugreek seeds                | 490                                                | Genetic variation                  | 829                                                                                                                                                                |
| Dehydration                         | 736                           | Fermentation yeast             | 498                                                | Genotypes                          | 25, 1245                                                                                                                                                           |
| Dehydrogenase                       | 639, 643                      | Fertigation                    | 104, 147, 454                                      | Genotypic & phenotypic coefficient | 753, 1093                                                                                                                                                          |
| Dendrogram                          | 518, 808, 1039                | Fertigation levels & schedules | 98                                                 | Genotypic correlation              | 6                                                                                                                                                                  |
| Descriptive statistics              | 1044                          | Fertility                      | 1320                                               | Genotypic difference               | 802                                                                                                                                                                |
| Descriptors                         | 541                           | Fertility restoration          | 287                                                | Genotypic path analysis            | 6                                                                                                                                                                  |
| Desi cotton                         | 1081                          | Fertilizers                    | 142, 379                                           | Germination                        | 490, 692                                                                                                                                                           |
| Developed device                    | 728                           | Fertilizer level               | 87, 1290, 1324                                     | Germination percent                | 282                                                                                                                                                                |
| Diallel analysis                    | 37                            | Fertilizer use efficiency      | 104                                                | Germplasm                          | 829, 1096, 1189                                                                                                                                                    |
| Diallele                            | 839                           | Fiber quality                  | 93                                                 | Germplasm characterization         | 1034                                                                                                                                                               |
| Dietary inclusion                   | 1180                          | Fibre length                   | 1275                                               | Germplasm evaluation               | 753                                                                                                                                                                |
| Different bio-agent                 | 711                           | Fibre quality                  | 622                                                | Gibberellic acid                   | 438, 756, 930                                                                                                                                                      |
| Different organic amendment         | 711                           | Field capacity                 | 1161                                               | Ginger                             | 660, 1402                                                                                                                                                          |
| Diffusivity                         | 1393                          | Fieldpea                       | 29                                                 | Gladiolus                          | 317                                                                                                                                                                |
| Dimethenamid-P                      | 886                           | Finger millet                  | 160, 214, 976                                      | GLM                                | 1259                                                                                                                                                               |
| Direct and Indirect effects         | 849, 1067, 1089               | Fingerprinting                 | 819                                                | GMR                                | 1335                                                                                                                                                               |
| Direct seed rice                    | 137                           | Flat bled                      | 1280                                               | GMS                                | 972                                                                                                                                                                |
| Direct sowing                       | 719                           | Flax seed                      | 749                                                | Goat                               | 957                                                                                                                                                                |
| Diseases incidence                  | 468                           | Flower drop                    | 121                                                | Goat milk                          | 999                                                                                                                                                                |
| Distribution of K                   | 1304                          | Flowering                      | 1134                                               | <i>Gossypium hirsutum</i>          | 1                                                                                                                                                                  |
| Divergence                          | 296                           | Fluorescent pseudomonas        | 218                                                | GR (Gypsum requirement)            | 1299                                                                                                                                                               |
| Diversity                           | 33                            | Fly ash                        | 1259, 1320                                         | Grafting                           | 1356                                                                                                                                                               |
| DNA sequencing                      | 940                           | Foam density                   | 972                                                | Grain & straw yield                | 362                                                                                                                                                                |
| Dolomite                            | 1320                          | Foam expansion                 | 972                                                | Grain amaranth                     | 597                                                                                                                                                                |
| DPPH radical scavenging activity    | 1313                          | Foam stability                 | 486                                                | Grain quality characters           | 1039                                                                                                                                                               |
| Dried red chili peppers             | 172                           | Fodder beet                    | 237                                                | Grain yield                        | 374, 759, 1152                                                                                                                                                     |
| Drip fertigation                    | 612                           | Foliar spray                   | 483                                                | Grape                              | 921, 926                                                                                                                                                           |
| Drip irrigation                     | 104, 147, 413, 454, 926       | Foot rot                       | 1356                                               | Grape fruit                        | 142                                                                                                                                                                |
|                                     |                               | Fortification                  | 1201                                               | Grape varieties and rootstocks     | 901                                                                                                                                                                |
| Droplet density                     | 1219                          | Foxtail millet                 | 1024, 1189, 1239                                   | Green leaf manuring                | 430                                                                                                                                                                |
| Droplet size                        | 1219                          | Fraction                       | 1308                                               | Green manure                       | 1265                                                                                                                                                               |
| Drought related parameters          | 276, 844                      | French bean                    | 912                                                | Greengram                          | 334, 778                                                                                                                                                           |
| Drought tolerance                   | 41, 506, 680                  | Fresh weight                   | 1402                                               | Groundnut                          | 210, 271, 413, 891, 1161                                                                                                                                           |
| Drum seeder                         | 719                           | Fruit drop                     | 895                                                | Groundnut decorticator             | 1418                                                                                                                                                               |
| Dry direct seeded rice              | 350                           | Fruit quality                  | 232                                                | Groundnut genotypes                | 1062                                                                                                                                                               |
| Dry matter accumulation             | 132                           | Fruit set                      | 895                                                | Growth                             | 98                                                                                                                                                                 |
| Dry matter content                  | 852, 872, 1402                | Fruit traits                   | 75                                                 | Growth & flowering characters      | 1347                                                                                                                                                               |
| Drying models                       | 736, 743                      | Fruit yield and quality        | 823, 926                                           | Growth & quality attributes        | 917                                                                                                                                                                |
| Drying rate                         | 743                           | Functional food                | 749                                                | Growth & yield attributes          | 266, 356, 368, 379, 399, 404, 417, 426, 480, 483, 571, 576, 592, 660, 664, 706, 753, 882, 907, 912, 930, 949, 1009, 1085, 1138, 1157, 1259, 1265, 1284, 1343, 1421 |
| Drying techniques                   | 1364                          | Functional properties          | 490                                                |                                    |                                                                                                                                                                    |
| DSSAT seasonal tool                 | 581                           | Fungi                          | 426, 1174                                          | Growth and development             | 1201                                                                                                                                                               |
| DTPA                                | 863                           | Fungicides                     | 935                                                | Growth attributes/parameters       | 164, 330, 430, 921, 1018, 1117, 1152, 1161, 1165, 1317, 1356                                                                                                       |
| DTPA - Extractable micronutrients   | 1299                          | <i>Fusarium</i>                | 218                                                |                                    |                                                                                                                                                                    |
| DTPA soluble                        | 1308                          | <i>Fusarium oxysporum</i>      | 711                                                |                                    |                                                                                                                                                                    |
| DTPA-Zn                             | 1294                          | <i>Fusarium solani</i>         | 468                                                |                                    |                                                                                                                                                                    |
| Dust concentration                  | 1174                          | FYM                            | 374, 379, 409, 477, 652, 668, 715, 949, 1122, 1259 |                                    |                                                                                                                                                                    |
| Dynamic friction                    | 952                           |                                |                                                    |                                    |                                                                                                                                                                    |
| <b>E</b>                            |                               | <b>G</b>                       |                                                    |                                    |                                                                                                                                                                    |
| Early sown                          | 790                           | G x E interaction              | 1081                                               |                                    |                                                                                                                                                                    |
| Eberhart and Russel stability model | 338                           | <i>G. herbaceum</i>            | 1081                                               |                                    |                                                                                                                                                                    |
| ECe                                 | 863                           | GA <sub>3</sub>                | 1398                                               |                                    |                                                                                                                                                                    |
| Economic heterosis                  | 772, 795                      | GAM                            | 271                                                |                                    |                                                                                                                                                                    |
| Economics                           | 449, 571, 868, 877, 882, 1265 | GAP                            | 462                                                |                                    |                                                                                                                                                                    |
|                                     |                               | GAPM                           | 1071                                               |                                    |                                                                                                                                                                    |
|                                     |                               | Garlic                         | 172, 444, 483, 585,                                |                                    |                                                                                                                                                                    |



|                                   |                                         |                                  |                    |                                  |                                                                    |
|-----------------------------------|-----------------------------------------|----------------------------------|--------------------|----------------------------------|--------------------------------------------------------------------|
| <b>O</b>                          |                                         | Physical treatment               | 1364               | Quality parameters               | 237, 473, 483, 647, 1005, 1009                                     |
| Okra                              | 47, 250, 346, 449, 1339                 | Physico-chemical properties      | 409, 502, 668, 756 | Quality protein maize            | 571                                                                |
| Onion                             | 151, 930, 1009                          | Physiological & yield parameters | 98                 | Quantitative characters          | 317                                                                |
| Onion slices                      | 736                                     | Physiological attributes/traits  | 41, 680            | Quantitative trait locus (QTL)   | 512                                                                |
| Onion varieties                   | 1317                                    | Physiological loss               | 696                | Quantitative traits              | 552, 556, 823, 1039                                                |
| Opium poppy                       | 306                                     | Physiological weight             | 1009               | Quinoa                           | 852                                                                |
| Optimal design                    | 246                                     | Physiology                       | 1076               |                                  |                                                                    |
| Optimization                      | 494, 999                                | Physio-morphological traits      | 790                | <b>R</b>                         |                                                                    |
| Optimum dose                      | 541                                     | Phytophthora                     | 1356               | Railway farm                     | 1206                                                               |
| Organic amendments                | 949                                     | PIC                              | 808                | Rainfall                         | 1351                                                               |
| Organic carbon                    | 379                                     | Pigeonpea                        | 164, 282, 362, 656 | Ralstonia                        | 218                                                                |
| Organic farming                   | 168, 664                                | Pigeonpea hybrids                | 287                | RAPD                             | 808, 814                                                           |
| Organic fertilizers               | 945                                     | PINA                             | 1056               | RAPD analysis                    | 306                                                                |
| Organic manures                   | 156, 384, 389, 404, 430, 660, 1126      | Pineapple juice                  | 486                | <i>Rasogolla</i>                 | 999                                                                |
| Organoleptic parameters           | 981                                     | Piper colubrinum                 | 1356               | RCC                              | 715                                                                |
| Org-Zn                            | 1294                                    | Plant growth hormones            | 126                | RDF                              | 399, 458, 863, 1320                                                |
| <i>Oryza sativa</i>               | 1029                                    | Plant growth regulators          | 444                | Recommended doses of fertilizers | 115                                                                |
| Osmotic dehydration               | 494                                     | Plant height                     | 1402               | Recycling of organic waste       | 957                                                                |
| Oyster mushroom                   | 1215                                    | Plant spacing                    | 468                | Red chillies                     | 1364                                                               |
|                                   |                                         | Planting dates/time              | 1117, 1284         | Redgram                          | 121                                                                |
|                                   |                                         | Planting density                 | 1138               | Reducible                        | 1308                                                               |
|                                   |                                         | Planting geometry                | 868                | Reference evapotranspiration     | 1161                                                               |
|                                   |                                         | Planting material                | 585                | Refrigeration and storage        | 1005                                                               |
|                                   |                                         | Planting methods                 | 585, 1048          | Rehydration ratio                | 494                                                                |
|                                   |                                         | Planting season                  | 468                | Residual effect                  | 1122, 1308                                                         |
|                                   |                                         | Planting window                  | 581                | Resource conservation            | 962                                                                |
|                                   |                                         | pO <sub>2</sub>                  | 250                | Respiration rate                 | 250                                                                |
|                                   |                                         | Polebean                         | 868                | Restorers lines                  | 322, 819                                                           |
|                                   |                                         | Pollen germination               | 1099               | <i>Rhizobia</i>                  | 394, 633                                                           |
|                                   |                                         | Pollen viability                 | 1099               | <i>Rhizobium</i>                 | 656                                                                |
|                                   |                                         | Pollutes soils                   | 639                | <i>Rhizopertha dominica</i>      | 1193                                                               |
|                                   |                                         | Polyembryonic mango              | 1076               | Rice                             | 16, 80, 434, 506, 668, 688, 784, 802, 1029, 1034, 1044, 1048, 1259 |
|                                   |                                         | Polyhouse                        | 98                 | Rice ecosystem                   | 602                                                                |
|                                   |                                         | Polymer coating                  | 222                | Rice establishment method        | 858                                                                |
|                                   |                                         | Polymeric films                  | 250                | Rice genotypes                   | 254, 326, 844                                                      |
|                                   |                                         | Polymorphism                     | 306, 814           | Rice hybrids                     | 819                                                                |
|                                   |                                         | Polyphenol                       | 1185               | Rice landraces                   | 330, 1039                                                          |
|                                   |                                         | Pomegranate juice                | 232                | Rice soils                       | 1294                                                               |
|                                   |                                         | Post-harvest nutrient status     | 160                | Rice varieties                   | 1012, 1052                                                         |
|                                   |                                         | Potassium & sulphur levels       | 882                | Ridges and furrows               | 1280                                                               |
|                                   |                                         | Potassium forms                  | 1304               | RIL                              | 11                                                                 |
|                                   |                                         | Potassium status                 | 872                | RIL population                   | 271                                                                |
|                                   |                                         | Potato                           | 1250, 1284, 1290   | RILs                             | 41                                                                 |
|                                   |                                         | Potato chips                     | 1370               | Ripening stages                  | 1227                                                               |
|                                   |                                         | Poultry                          | 957                | Roasting                         | 490                                                                |
|                                   |                                         | Poultry manure                   | 597, 652, 1122     | Root length                      | 844                                                                |
|                                   |                                         | Power operated model-6           | 1418               | Root quality                     | 945                                                                |
|                                   |                                         | Pre- & post emergent herbicides  | 350                | Root traits                      | 137                                                                |
|                                   |                                         | Pre-emergence                    | 886                | Rooting                          | 1360                                                               |
|                                   |                                         | Preferential absorption          | 901                | <i>Rosa</i> spp.                 | 1347                                                               |
|                                   |                                         | Pre-release rice culture         | 1324               | Rotary tiller                    | 246                                                                |
|                                   |                                         | Principal component analysis     | 60, 346, 1052      | Row ratios                       | 559                                                                |
|                                   |                                         | Processing methods               | 490                | Row spacing                      | 368                                                                |
|                                   |                                         | Product development              | 1406               | RSM                              | 494, 972, 999                                                      |
|                                   |                                         | Production efficiency            | 877                |                                  |                                                                    |
|                                   |                                         | Production technologies          | 462                | <b>S</b>                         |                                                                    |
|                                   |                                         | Productivity                     | 126                | Saccharomyces                    | 498                                                                |
|                                   |                                         | Projected seed yield             | 1270               | <i>Safed musli</i>               | 556                                                                |
|                                   |                                         | Proline content                  | 844                | Safflower                        | 368                                                                |
|                                   |                                         | Proso millet                     | 1414               | Saflufenacil                     | 886                                                                |
|                                   |                                         | Protected cultivation            | 907                | Salinity                         | 282, 1076, 1254                                                    |
|                                   |                                         | Protein content                  | 20, 559, 766       | Salt tolerant                    | 1254                                                               |
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