

Annual index: Subjects

A

- Abamectin, 105, 114, 116, 117, 232, 233, 586, 627
 Abarkouhiensis, 308
 Abaxial, 132, 579, 635, 636, 638
 Abbott, 260, 264, 539, 540, 628, 630, 657, 662, 678, 687
 Abiotic, 121, 420, 425, 427, 453, 728
 Abnormality, 176
 Abortion, 506
 Abrasion, 113
 Absorbable, 380
 Absorbance, 132, 375, 490, 492, 534, 741, 742
 Absorbent, 13, 146
 Absorption, 117, 419, 422, 506, 692, 699
 Abundance, 135, 207, 213, 225, 273, 370, 419, 503, 572, 589, 594, 596, 597, 614, 639, 650, 735, 748, 754
 Abundant, 40, 133, 162, 207, 225, 357, 376, 447, 590, 594, 685, 695
 Abuse, 754
 Acacetin, 662
 Acaenitinae, 157, 163, 164, 347
 Acari, 301, 309, 310, 409, 415, 418, 545, 553, 556, 586, 589, 594, 603
 Acaridae, 310
 Acariformes, 310, 417
 Acarina, 416, 417, 595, 597, 599, 602
 Acarines, 589, 596
 Acarofauna, 414
 Acarology, 309, 310, 415, 417, 554, 594, 602
 Acaromorpha, 595
 Ácaros, 310, 601
 Access, 12, 146, 519, 560, 612, 751
 Accessibility, 313
 Accession, 40, 247, 251, 252, 679, 681, 722, 740
 Accessions, 217, 441, 447
 Accessory, 412
 Acclimation, 81, 82, 154, 155
 Acclimatization, 278, 510, 533, 535, 536, 538
 Acclimatized, 535, 536
 Accumulation, 54, 81, 121, 127, 129, 232, 351, 359, 426, 605, 607, 609, 612, 613, 623, 702, 742
 Accuracy, 121, 122, 287, 724, 743, 754
 Acephate, 263
 Aceraceae, 70
 Acetamidiprid, 628
 Acetate, 88, 139, 226, 487, 488, 491, 492, 520, 606
 Acetic, 87, 353, 487, 488, 490, 492, 539, 658, 668, 671
 Acetone, 465
 Acetonitrile, 353
 Acetylation, 736
 Acetylcholine, 258, 577
 Acetylcholinesterase, 258
 Acholeplama, 251
 Acholeplasma, 249, 252
 Aciculate, 302, 306
 Acid, 2, 8, 20, 30, 32, 35, 37, 45, 47, 86, 88, 109, 154, 236, 238, 249, 255, 277, 278, 283, 284, 286, 352, 353, 355, 357, 358, 380, 391, 420, 421, 427, 444, 451, 487, 488, 490, 492, 495, 507, 534, 535, 538, 539, 589, 590, 624, 658, 662, 668, 671, 680, 681, 685, 686, 689, 699, 724, 725, 741
 Acidification, 676, 687
 Acids, 255, 352, 357, 380, 451, 487, 493, 494, 680, 681, 685, 686, 724, 741
 Acinetobacter, 55
 Acontinuum, 573
 Acorn, 185
 Acquisition, 212, 391, 539, 585
 Acquisitions, 437
 Acrididae, 583, 678
 Acridum, 688
 Acrolepiopsis, 341
 Acronicta, 341
 ACTG, 441, 444, 448, 452
 Actin, 675, 679, 681
 Actinedida, 416
 Actinomycetes, 699
 Activity, 5, 8, 29, 32, 35, 36, 43, 44, 52, 53, 85, 89, 92, 95, 121, 123, 189, 196, 241, 258, 268, 279, 288, 291, 292, 294, 296, 300, 318, 334, 335, 351, 360, 362, 364, 367, 370, 373, 374, 376, 382, 384, 387, 389, 390, 420, 425, 427, 432, 463, 471, 472, 477, 483, 487, 488, 490, 492, 496, 557, 585, 586, 605, 607, 611, 614, 624, 661, 664, 668, 672, 687, 689, 699, 700, 705, 707
 Aculeifer, 589, 592, 601, 604
 Acute, 201, 629
 Acutely, 414
 Acutifolium, 196
 Adanal Position, 302, 303
 Adaptability, 487
 Adaptation, 81, 288, 294, 553, 689, 716
 Adaptations, 80, 154, 519, 728
 Adapted, 93, 324, 409, 505, 589, 622

- Adaption, 370
Adaxial, 132, 635, 721
Additive, 583, 612
Additives, 116, 494, 623
Additivity, 398
Adequacy, 448
Adherence, 735
Adhesion, 676, 736
Adhesive, 132
Adjuvant, 741
Admixture, 662
aDNAs, 250
Adopted, 432, 453, 458, 605, 612
Adopting, 458
Adoption, 432, 437, 460, 461
Adoxophyes, 154, 606
Adoxophyesorana, 614
Adressorius, 643, 645, 646, 650, 654
Adult, 2, 11, 12, 14, 16, 73, 75, 80, 82, 98, 116, 127, 129, 152, 167, 168, 175, 176, 182, 183, 207, 208, 218, 231, 257, 259, 264, 267, 269, 270, 279, 280, 284, 302, 303, 325, 330, 334, 345, 363, 368, 385, 387, 389, 390, 398, 400, 402, 406, 465, 468, 471, 473, 510, 512, 545, 547, 549, 555, 563, 564, 566, 567, 570, 573, 577, 579, 581, 584, 605, 606, 608, 611, 628, 629, 635, 639, 655, 657, 659, 661, 713, 728, 731, 736, 747
Adulthood, 577, 579, 750
Adults, 12, 15, 17, 70, 74, 75, 79, 81, 113, 117, 126, 146, 155, 167, 170, 174, 176, 177, 181, 207, 236, 257, 263, 265, 269, 280, 330, 363, 368, 387, 463, 468, 470, 471, 474, 509, 511, 519, 557, 569, 577, 579, 581, 608, 612, 627, 630, 634, 635, 655, 657, 661, 678, 736
Adverse, 113, 237, 278, 471, 670
Aedeagal, 184, 185
Aedeagus, 226, 227, 414
Aegilops, 405
Aegyptica, 363, 367, 371
Aeolesthes, 257, 258, 260, 262, 264, 266
Aeolesthesarta, 257
Aeration, 279, 692
Aeroppia, 301, 307
Aeruginosa, 736
Aestivum, 324, 405, 406, 506, 663
Affinity, 50, 463
Aflatoxin, 359, 360, 484
Aflatoxins, 361
AFLPs, 688
Africa, 85, 168, 192, 202, 267, 275, 277, 278, 288, 324, 326, 327, 363, 382, 385, 432, 437, 449, 477, 483, 487, 509, 510, 513, 516, 627, 663, 702
Africanus, 196
Afrotropical, 168, 226
Agar, 2, 30, 39, 40, 44, 46, 50, 61, 85, 87, 89, 92, 93, 189, 192, 194, 291, 292, 314, 317, 353, 375, 443, 455, 478, 498, 534, 535, 539, 578, 579, 668, 676, 677, 720, 721
Agaricus, 450
Agarose, 21, 41, 48, 249, 251, 322, 323, 443, 444, 499, 501, 505, 676, 679, 740, 742
Agasicles, 76, 82
Agebactrocera, 554
Aggenital, 410, 413
Agglomerans, 46
Agglomerans, 43, 57, 618, 624
Aggravated, 432
Aggregate, 557
Aggregates, 131, 133, 134
Aggregation, 52, 742
Aggregative, 385
Aggressiveness, 53, 402, 498, 506, 686
Aging, 731
Agistemus, 409
Agglomerance, 50
Aglycone, 425
Agnote, 744
Agnps, 292
Agonist, 258
Agony, 232
Agotini, 478, 483
Agrecosystems, 237
Agree, 285, 324, 356, 357
Agrilus, 262, 265
Agrios, 29, 36, 189, 194
Agrisense, 122
Agrobacterium, 85, 86, 88, 90, 92, 94, 96
Agrochemical, 242, 258, 259
Agrochemicals, 380
Agrociencia, 664
Agroecosystem, 213
Agroecosystems, 7, 361, 594
Agromyzid, 98, 104, 107
Agromyzidae, 74, 97, 98, 104, 108, 153, 515
Agromyzids, 97, 98, 104
Agronomic, 86, 217, 232, 242, 245, 386
Agronomy, 66, 241, 351, 359, 360, 390, 427, 460, 605, 640, 675, 701, 702, 755
Agropecuaria, 515
Agropyron, 60, 324
Agrotis, 163, 339
Agyron, 165
Aguaribay, 94
Aguilar, 94
Aguilera, 407
Agyeman, 244

- Air, 123, 153, 191, 236, 351, 353, 443, 465, 488, 607, 613, 614, 619, 628
Airborne, 432
Akaike, 608, 610, 613
Akimoto, 214
Alatae, 557
Alate, 236, 558, 559
Albicans, 193, 297, 298, 359
Albicilla, 597
Albidipennis, 554, 572
Albidus, 624
Albifrons, 16
Albilineans, 56
Albinotatus, 337, 339, 342, 345, 346, 349
Albipodus, 572
Albomaculata, 165, 650, 653
Albopictus, 202
Albughobeish, 59, 61, 63, 65, 67
Albumin, 668, 741
Albuquerque, 94
Alcea, 169
Alcohols, 623
Alcuni, 595
Aleurodidae, 272
Aleyrodes, 273
Aleyrodidae, 74, 584, 586, 631
Alfalfa, 12, 131, 158, 162, 164, 208, 211, 213, 329, 411, 412, 416, 563, 564, 573
Algal, 409
Alginate, 619
Algorithm, 499, 607, 721
Algorithms, 724
Alien, 487
Aligned, 209, 249, 323
Alignment, 249, 348, 720, 724
Alignments, 724
Alimentary, 5, 152, 153
Aliquot, 488
Aliquoted, 741
Aliquots, 741
Alkaloid, 488
Alkaloids, 85, 87, 89, 93, 192, 193, 195, 196, 236, 352, 658, 660, 661
Alkane, 686
Alkanes, 676
Alkenyl, 357
Alkyl, 357
Allelochemicals, 5, 232, 236, 487, 493, 495
Allelopathic, 245, 492, 494
Allelopathy, 194
Alleopathic, 494
Alleviate, 419, 425
Alleviated, 425
Alleviates, 420, 422, 424, 426, 428
Alleviation, 419, 425, 427
Alliaceae, 191
Allied, 82, 111, 139, 168
Allium, 191, 540
Allocated, 5, 218, 500
Allocation, 52, 390
Allocations, 53
Alluvial, 232, 381
Almond, 131, 165, 251, 252, 254, 255, 386, 391, 653
Almonds, 254, 473
Alnussub, 257
Aloe, 190, 195, 352, 360
Alopecuroides, 204
Alphen, 570, 574
Alter, 74
Alteration, 82, 364
Alterations, 431, 435, 639
Altering, 380, 639
Alternans, 157, 162, 166
Alternaria, 40, 431, 437, 719, 721, 723, 725, 726
Alternata, 725
Alternate, 97, 321, 455
Alternated, 200
Alternation, 422, 425
Alternatively, 538
Alternatives, 113, 190, 291, 409, 463, 464, 515, 656, 667, 675, 742
Alters, 82, 572, 736
Althaea, 169
Altitude, 211, 242, 612, 748
Altitudes, 128, 338, 563
AluI, 19, 21, 22, 24, 27, 249, 251, 253
Alveoli, 302, 307, 410
Alysiinae, 97, 100, 102, 104, 108
Amaranthaceae, 191
Amaranticolor, 535, 536
Amber, 142, 207
Ambient, 31, 76, 79, 123, 421, 623, 735
Ambigua, 339
Ambition, 277, 290
Ambrosia, 82, 222, 223
Ameliorate, 82, 426
Amenability, 727
Americano, 701
Americanus, 345
Ameroseiidae, 601
Amevoin, 391
AMF, 691, 702
Amictus, 186
Amicucci, 443, 447, 449
Amicus, 182, 184, 185
Ammonia, 29, 30, 32, 35, 36, 377

- Ammonium, 380, 685
Amorphous, 117, 420
Amphigenous, 110
Amphotericin, 297
Ampicillin, 478
Amplicon, 19, 21, 679
Amplicons, 446
Amplifiable, 442
Amplification, 22, 24, 25, 41, 248, 250, 255, 322, 323, 326, 327, 444, 446, 450, 499, 504, 505, 679, 688, 689, 720, 725, 741, 742
Amplifications, 248
Amplified, 21, 41, 46, 48, 249, 251, 253, 321, 323, 441, 442, 445, 447, 451, 499, 500, 505, 506, 536, 677, 680, 681, 721, 722, 739, 740
Amplimers, 444
Ampulliform, 376
Amygdalae, 390
Amygdalus, 257, 409, 410, 414, 418, 646, 647, 650
Amylolytic, 6, 8
Amylovora, 54, 55
Anacardiaceae, 85, 93, 95, 600
Anactinochaeta, 599
Anactinotrichida, 595
Anaerobic, 47, 375
Anagalis, 190
Anagyrus, 275
Anal, 410
Analele, 165
Analgesic, 86, 93, 656
Analogues, 471
Analytic, 736
Analytical, 287, 663, 748
Analyzer, 688, 720
Anamorph, 40, 448
Anamorphic, 109, 111
Anamorphs, 110, 111
Anastoechus, 186
Anatolian, 528
Anatomic, 153, 155
Anatomical, 131, 598
Anatomy, 95, 136
Ancestor, 322
Andrographis, 484
Andropogonis, 326
Angle, 181, 226, 260, 376, 578, 721
Angoumois, 473, 474
Angulata, 374, 380
Angulatus, 114
Angulo, 195, 360
Anhydrous, 465
Anigozanthos, 725
Anion, 421
Anisobas, 157, 160, 166, 337, 340, 345, 346, 349
Anisopliae, 317, 319, 577, 587, 678, 687, 689
Anisopteromalus, 81
Anisotropy, 748
Annealing, 20, 21, 248, 323, 443, 444, 499, 679
Anobiidae, 163
Anoetidae, 310
Anogenital, 302, 303
Anomala, 623
Anomalon, 157, 159, 162, 166
Anomaloninae, 157, 159, 162, 163, 165, 166, 529
Anomalonini, 159
Anomaloppia, 301, 308, 309
Anomalophtilus, 184
Anomaly, 426
Anoplophora, 262, 265
Antagonistic, 53
Antagonism, 29, 53, 55, 382
Antagonist, 31, 37, 43, 45, 49, 51, 244, 374, 380, 620, 623
Antagonistic, 29, 32, 36, 37, 43, 47, 51, 56, 173, 326, 373, 380, 382, 383, 483, 513, 577, 584, 617, 624, 667, 668, 671, 672
Antagonists, 44, 46, 52, 55, 56, 378, 381, 382, 513, 618, 623
Antarctic, 153, 155
Antarctica, 155, 396
Antarcticus, 155
Anteapical, 226
Antenna, 99, 101, 102, 114, 184, 200, 203, 521, 522, 526, 648, 650
Antennae, 69, 70, 100, 102, 103, 185, 200, 226, 520, 521
Antennal, 69, 70, 140, 183, 185, 200, 201, 520, 522, 559
Antennata, 385, 393
Antennoppia, 307
Antennoseius, 589, 591, 599, 600, 602, 604
Antero, 168, 169
Anteromedial, 309
Antheraea, 370
Antheridia, 706
Anthesis, 397
Anthocoridae, 572
Anthomyiidae, 554
Anthracinae, 182, 183
Anthracini, 183
Anthracnose, 195, 358
Anthropogenic, 639
Antialgal, 195
Antibacterial, 85, 89, 92, 94, 193, 196, 297, 298, 352, 360, 361, 488, 494, 663
Antibiosis, 44, 51, 55, 223, 277, 284, 286, 546, 634
Antibiotics, 45, 46, 50, 51, 374
Antibodies, 534, 539, 739, 740, 744

- Antibody, 533, 740, 744
Anticancer, 86, 94
Anticancerand, 93
Anticarsia, 7, 369
Anticipated, 538
Antifeedancy, 236
Antifeedant, 236, 262, 334, 463, 466, 468, 474
Antifeedants, 464
Antifeedent, 471, 473
Antiffedant, 464, 471
Antifreeze, 145, 154
Antifungal, 43, 44, 50, 53, 86, 189, 190, 192, 196, 291, 292, 294, 296, 300, 351, 360, 362, 425
Antifungals, 464
Antigen, 739, 744
Antigens, 739
Antigua, 456
Antihandling, 667
Antimicrobial, 2, 85, 88, 92, 95, 189, 190, 194, 196, 291, 292, 298, 299, 351, 352, 357, 359, 361, 671
Antimicrobialaction, 94
Antimicrobials, 360
Antimitotic, 630
Antimycotics, 359
Antinucleation, 155
Antiobiosis, 222
Antiopa, 341
Antioxidant, 86, 93, 193, 297, 352, 359, 361, 427, 484, 493, 495, 663
Antioxidants, 427
Antirrhinum, 191
Antiseptic, 193
Antisera, 744, 745
Antiserum, 739, 746
Antiviral, 86, 193, 664
Antixenosis, 222, 223, 277, 284, 286, 546, 554, 634
Antixenotic, 553
Ants, 557, 599
Anystipalpus, 600
Anystipalus, 602
AOAC, 279, 287
Apaeticus, 337, 339, 340, 343, 345, 346, 349
Apanteles, 555
Aparicio, 612
Aphanidermatum, 36, 194, 291, 294, 296, 297, 300, 351, 353, 356, 362, 424
Aphanta, 97, 99, 102, 108
Aphantus, 97, 99, 101, 104, 108
Aphelinidae, 391, 572
Aphelinus, 390, 391, 572
Aphid, 12, 13, 15, 17, 212, 213, 217, 218, 220, 222, 224, 231, 233, 236, 385, 392, 435, 507, 555, 557, 560, 563, 564, 569, 571, 574, 577, 581, 583, 586, 739, 754
Aphididae, 16, 154, 212, 223, 272, 273, 385, 390, 393, 555, 557, 559, 561, 563, 571, 573, 575, 577, 583, 585, 587, 735, 737
Aphidiidae, 390, 392, 571, 574
Aphidiinae, 389, 559, 560, 563, 571, 573, 575
Aphidimyza, 391
Aphidius, 389, 391, 558, 570, 574, 585, 735
Aphidoidea, 275, 392
Aphidoletes, 391
Aphidology, 558
Aphidophagous, 208, 272
Aphids, 12, 13, 15, 16, 162, 207, 208, 212, 213, 218, 219, 222, 223, 236, 258, 275, 385, 390, 392, 435, 557, 560, 564, 566, 568, 573, 577, 581, 583, 585, 735
Aphis, 11, 12, 15, 16, 18, 217, 218, 220, 222, 224, 231, 239, 272, 273, 275, 389, 391, 435, 570, 573, 574, 583, 585, 586, 735, 737
Aphomia, 340
Aphrodina, 228
Aphylophorales, 602
Aphytoalexin, 195
Apiaceae, 232
Apiaries, 237
Apical, 99, 101, 102, 140, 160, 168, 169, 209, 211, 226, 231, 232, 234, 236, 238, 307, 521, 522, 534, 536, 645
Apically, 168, 185, 302, 648, 649
Apicultures, 728
Apiformis, 339
Apigenin, 662
Apis, 233, 237, 727
Aplicados, 613
Apoanal, 307
Apocrita, 105, 107
Apodeme, 184, 185
Apograptoppia, 307
Apoidea, 181
Apolysini, 186
Apolysis, 186
Apophyses, 168, 306, 307
Apoplast, 420
Apoptotic, 94
Apparatus, 168, 465, 538
Appendages, 414
Apple, 25, 54, 55, 121, 123, 126, 129, 231, 237, 390, 391, 410, 415, 441, 442, 447, 448, 450, 541, 595, 617, 618, 620, 624, 744
Appoplast, 425
Appressorium, 676
Appressoria, 319
Appressorium, 357

- Approximate digestibility, 1, 3, 5, 329, 331, 332, 363, 365, 367
Aprostocetus, 200, 201, 205
Apterous, 218, 559
Aquaculture, 662
Aquatic, 159, 160, 557, 560
Aqueous, 351, 357, 484, 488, 490, 493, 657, 658, 662, 678
Aquilonia, 184
Aquino, 203
Arabia, 23, 24
Arabian, 324, 325
Arabidopsis, 640
Arabinose, 47
Arable, 603
Arachis, 53, 737
Arachnida, 601
Arancon, 692, 699, 700
Araneae, 164
Araripe, 80
Arbitrarily, 147
Arboretum, 603
Arboreum, 432
Arboriculture, 264, 265
Arbuscular, 37, 691, 699
Arch, 173, 174
Arched, 306, 307
Archer, 585
Arches, 228
Archila, 701
Arcsine, 114, 260, 455, 658
Arctic, 326, 597, 600
Arctoseinae, 597
Arctoseius, 589, 590, 600, 604
Areola, 160, 431, 432, 435, 438, 439, 521, 522, 649
Areolaris, 104
Areolate, 340
Areolet, 341, 520, 523, 645, 648, 650
Argentea, 191, 192
Argentina, 85, 214, 515, 590, 594, 595, 605, 606, 609, 611, 613
Argentinean, 352
Argentino, 612
Arginine, 375
Argiope, 233
Aricia, 340
Arid, 54, 181, 182, 361, 662
Arietinum, 7, 8
Arise, 127
Arish, 487, 488
Arithmetic, 444, 449, 499, 500
Arkansas, 507
Armigera, 1, 9, 15, 74, 79, 81, 173, 174, 180, 211, 213, 334, 335, 369, 431, 435, 554, 641, 650, 653
Army, 333, 436
Armyworm, 154, 329, 334, 474
Arocha, 24, 254
Aroma, 236
Aromatic, 474, 664, 700, 702
Aromaticum, 471
Arrangement, 314, 353, 454
Array, 126
Arribes, 612
Arsenal, 676
Artcomposite, 278, 280, 284
Artemisia, 471, 474, 493, 495, 699, 702
Artemisiifolia, 82, 222, 223
Arthrobotrys, 667, 668, 670, 674
Arthropod, 274, 391, 437, 572, 583, 640, 688
Arthropoda, 600
Arthropods, 12, 145, 154, 155, 409, 437, 509, 555, 560, 590, 598, 601, 603, 687, 736
Articulated, 226
Artificial diets, 1, 2, 4, 6
Artificially, 65, 218, 221, 257, 258, 483
Arvensis, 109, 110, 112, 190, 251, 252, 487, 490, 492, 493, 496, 547, 578
Arvicola, 595
Ascertain, 748
Ascid Mite, 590, 597, 600, 602
Ascidae, 589, 590, 594, 598, 602, 604
Ascoidea, 596, 598
Ascomycetes, 449, 671
Ascomycetous, 441
Ascomycota, 317, 449, 577
Ascorbic, 2, 493
Ascough, 535, 540
Ascribed, 435
Ascrobate, 426
Aseptate, 40
Aseptic, 534
Aseptiques, 381
Asexual, 326, 442, 447
Asexually, 505
Asiatic, 432, 528
Asiaticus, 19, 23, 27, 184
Aspartic, 287
Aspens, 363
Asper, 643, 647, 650, 654
Aspergillus, 40, 44, 54, 193, 297, 299, 352, 359, 360, 484, 504, 506, 507, 688, 737
Aspermy, 541
Aspirator, 98
Assamensis, 370

- Assay, 19, 21, 23, 32, 45, 87, 94, 249, 255, 314, 327, 421, 443, 444, 490, 533, 535, 540, 553, 630, 739
Assayed, 32, 535
Assays, 31, 43, 47, 48, 87, 94, 248, 253, 254, 387, 421, 477, 478, 541, 672
Assectella, 341
Assemblage, 98, 181
Assemblages, 600
Assemble, 279
Assembled, 97
Assembling, 612
Assess, 86, 146, 190, 218, 221, 222, 278, 296, 351, 386, 396, 454, 463, 711
Assessed, 113, 114, 232, 262, 277, 280, 326, 365, 387, 388, 390, 397, 422, 444, 450, 478, 479, 509, 547, 579, 583, 620, 633, 716
Assessing, 2, 36, 368, 454, 479, 639, 725, 755
Assessment, 7, 94, 179, 195, 211, 212, 218, 222, 287, 289, 298, 333, 353, 376, 385, 388, 405, 433, 438, 479, 541, 627, 660, 662, 672
Assessments, 37
Assign, 294
Assigned, 109, 174, 259, 500, 594, 671
Assimilate, 622
Assimilated, 699
Assimilation, 676
Association, 25, 82, 97, 99, 104, 162, 163, 200, 202, 212, 238, 247, 253, 287, 288, 346, 360, 403, 483, 494, 573, 650
Associations, 71, 98, 104, 105, 559, 560, 598
Assortments, 546
Assumptions, 177, 748
Aster, 19, 22, 23
Asteraceae, 82, 98, 191, 192, 195, 254, 327
Asteraceous, 327
Asterales, 82
Asteris, 24, 254
Astigmata, 601
Astigmatic, 600
Asymmetrical, 302
Asymmetrically, 303
Asymmetry, 208, 335
Asymptomatic, 131
Atg, 441, 444, 446, 452
Atherosclerosis, 691
Atmosphere, 88, 192, 474
Atmospheric, 217, 421, 699
Atomic, 422, 450, 641, 692
Atoms, 94, 634
Atriplicifolia, 463, 472, 474, 475
Atrophini, 159
Attack rate, 212, 563, 567, 570, 571
Attack, 44, 60, 163, 179, 189, 202, 212, 217, 222, 241, 278, 280, 282, 284, 288, 290, 379, 425, 431, 512, 545, 563, 567, 568, 570, 571, 655, 705, 747
Attacking, 11, 60, 105, 128, 241, 264, 329, 386, 513, 514
Attacks, 257, 267, 359, 390, 509, 512, 515, 563
Attenuate, 226
Attenuated, 110, 376, 541
Auchenorrhyncha, 225, 227, 228
AUDPC, 397
Augment, 538, 687
Augmentation, 212
Augmentative, 173
Augmenting, 534
Augmentive, 179
Aurantiacus, 185
Auranticus, 200
Aurantifolia, 19, 22, 25
Aurantifoliae, 25
Aureobasidium, 623, 624
Austral, 487
Australasian, 107, 160, 596, 647
Australia, 36, 60, 65, 85, 168, 203, 325, 407, 416, 432, 474, 487, 495, 499, 572, 592, 595, 602, 727
Australian, 66, 105, 167, 168, 195, 201, 264, 273, 275, 405, 407, 437, 449, 595, 596, 598, 602, 630, 631, 652, 700
Austria, 98, 99, 163, 592, 593, 603, 614
Austrian, 506
Austroppia, 301, 307
Ausubel, 736
Authentic, 491
Autochtones, 514
Autoclave, 421
Autoclaved, 46, 292, 314, 668, 678, 706
Autoclaving, 292, 534
Autocorrelation, 748
Automap, 607
Automated, 255, 506
Autónoma, 605
Autonomous, 605
Autophagic, 94
Auxiliary, 248
Auxillage, 656
Auxins, 538, 539, 699
Availability, 7, 65, 177, 241, 317, 322, 386, 389, 554, 686, 739
Avena, 190, 194, 324
Avenae, 16, 569, 571, 573
Avenasterol, 488
Avicennia, 520
Avirulence, 59, 62, 64, 66, 322, 396
Avirulent, 61, 62
Avocado, 263, 264, 483

Avoid, 12, 86, 173, 208, 335, 403, 479, 535, 579, 712
Avoidance, 145, 146, 478, 744
Awad, 53
Awareness, 278
Axillary, 534, 539
Axons, 661
Axyridis, 273, 275
Azadirachta Indica, 359
Azadirachta, 7, 238, 377
Azadirachtin, 238, 391, 631
Azadirachtol, 631
Azadiractin, 473
Azerbaijan, 99, 159, 162, 164, 225, 314, 416, 528, 598, 647
Azirun, 329, 330, 333
Azolla, 557, 561
Azollablackman, 560
Azospirillum, 702
Azotobacter, 52, 54
Azoxytobin, 396, 405

B

Bacatus, 589, 591, 604
Bacilliform, 541
Bacillus, 7, 44, 50, 55, 383, 432, 436, 438, 623, 745
Bacteria, 44, 46, 48, 52, 54, 56, 88, 93, 95, 133, 134, 145, 155, 189, 195, 196, 217, 247, 249, 297, 299, 357, 373, 374, 379, 383, 488, 617, 699, 701, 728, 740, 742
Bacterial, 37, 44, 47, 49, 51, 53, 56, 86, 88, 131, 133, 136, 299, 357, 375, 376, 432, 434, 436, 438, 507, 614, 727, 736, 737, 739, 740, 742
Bacteriology, 25, 53, 255, 688, 736
Bacterium, 54, 86, 131, 136, 432
Bacterocera, 212
Bactrocera, 554
Baculovirus, 584
Badania, 106
Badaoui, 510, 514
Badawy, 491, 494
Badenes, 639, 640
Badiani, 494
Bait, 677, 689
Baited, 122, 127, 128
Baits, 128
Balance, 7, 74, 155, 234, 279, 280, 364, 397, 639, 661, 692
Balancing, 181, 554
Balasubramani, 15, 16
Balasubramanian, 272, 275
Baluchestan, 159, 160, 162, 163, 339, 341, 347, 652
Banana, 195, 596
Banchinae, 157, 159, 162, 163, 643, 645, 651, 654
Band, 168, 444, 446, 479, 499, 500, 677, 679, 740, 742
Banding, 444, 447, 500
Bands, 249, 441, 444, 448, 499, 500, 505, 679, 740, 741
Barely, 412, 425, 427, 519
Barichneumon, 337, 340, 344, 346, 349
Barley, 113, 117, 397, 402, 405, 407, 427, 702, 703, 744, 745
Basal, 70, 140, 160, 168, 169, 182, 185, 226, 232, 233, 236, 306, 340, 489, 521, 522, 526, 534, 539, 699
Basidiomycetes, 325, 602, 668
Basil, 231, 232, 236, 238, 357
Basilicum, 374
Basin, 95, 195, 217, 279, 516
Basipunctalis, 168, 169
Basitarsus, 140, 526
Basolaterally, 184
Basomedially, 185
Bassiana, 313, 320, 583, 586, 672, 675, 690
Bassiasin, 675, 676
Bean, 1, 8, 36, 217, 218, 220, 224, 330, 412, 426, 455, 533, 534, 536, 538, 540, 543, 546, 555, 563, 564, 628, 631, 739
Beans, 329
Beauveria, 313, 320, 583, 586, 672, 675, 678, 680, 682, 684, 686, 690
Bebbiana, 208
Bees, 235, 237
Beet armyworm, 329, 334
Beet, 145, 147, 152, 153, 195, 223, 248, 313, 314, 325, 329, 330, 333, 335, 353, 359, 361, 381, 390, 413, 597, 618, 619, 621, 622, 624, 672, 702, 739, 744, 745
Beetle, 114, 117, 146, 154, 155, 207, 208, 213, 214, 257, 259, 263, 265, 273, 274, 280, 363, 368, 370, 391, 464, 471, 474, 487, 555, 585, 596, 662, 663
Beetles, 82, 114, 154, 155, 181, 211, 212, 257, 259, 260, 263, 364, 368, 370, 470, 473, 474, 595, 655, 656, 658, 660, 662, 664, 755
Beets, 145, 152, 153, 248, 739
Behavior, 2, 11, 82, 154, 177, 179, 268, 275, 369, 390, 471, 553, 570, 571, 573, 602, 606, 627, 641
Behavioral, 145, 174, 211, 212, 275, 333, 387, 555, 563, 564, 640
Behaviors, 125, 572
Behaviour, 572, 574, 578, 586, 661
Behavioural, 586
Behaviours, 573
Beispiel, 228
Bemisia, 74, 80, 231, 584, 585
Bemisia, 231, 239
Beneficial, 74, 231, 232, 258, 297, 369, 398, 419, 420, 424, 478, 528, 546, 570, 643, 700, 744

- Benefit, 16, 234, 235
Beneficial, 357
Benefits, 82, 431, 432, 438, 483, 692
Benzimidazol, 478
Benzimidazole, 195
Benzoate, 2, 231, 235, 237, 265, 515
Berlese, 302, 308, 409, 410, 412, 413, 415, 589, 596, 598, 599, 604
Bicarbonate, 624
Binodoxys, 573, 574
Bioactive, 93, 190, 191, 194, 196, 488, 495, 662, 672
Bioactivities, 472, 473
Bioactivity, 420, 487, 493, 662
Bioagent, 377, 380
Bioagents, 373, 374, 376, 380
Bioassay, 189, 191, 192, 280, 281, 316, 369, 463, 474, 488, 489, 493, 627, 628, 686
Bioassayed, 489
Bioassays, 113, 114, 278, 314, 488, 631, 664
Bioavailability, 702
Biochemical, 7, 37, 44, 47, 79, 81, 87, 89, 93, 145, 213, 278, 287, 375, 376, 554, 618, 676, 717
Biochemicals, 5, 6, 333
Biochemistry, 7, 37, 53, 55, 81, 155, 244, 265, 287, 334, 359, 360, 369, 370, 381, 382, 425, 427, 495, 586, 603, 631, 687, 688, 717
Biocides, 190
Bioclimatic, 528, 754
Biocontrol, 12, 30, 31, 35, 37, 43, 44, 46, 48, 50, 56, 173, 178, 190, 208, 213, 275, 291, 292, 295, 297, 313, 317, 319, 373, 374, 376, 380, 382, 384, 390, 392, 459, 514, 515, 572, 574, 577, 586, 617, 618, 620, 622, 624, 633, 652, 672, 673, 685, 687, 724, 725, 737
Biodegradable, 190, 352
Biodegrade, 190
Biodemography, 273, 735
Biodiversity, 97, 105, 111, 170, 181, 212, 213, 334, 557, 577, 595, 650, 668, 719
Bioecological, 264
Bioefficacy, 7, 52, 663
Bioenergetic, 8, 370
Bioenergy, 369
Bioengineering, 55
Biofertilizer, 701
Biofertilizers, 691, 693, 695, 700, 702
Biofilm, 374, 380, 381
Biofix, 123, 125, 127, 611
Biofumigant, 245
Biofumigation, 381
Biofungicide, 357
Biogeográfico, 310
Biogeographia, 348, 530
Biogeographic, 528
Biogeography, 170
Bioherbicide, 318
Bioherbicides, 724
Bioindication, 213, 595
Bioindicators, 589
Bioinformatics, 724
Bioinsecticidal, 317
Biological control, 11, 36, 37, 44, 53, 56, 85, 94, 97, 98, 105, 106, 121, 154, 157, 173, 174, 178, 179, 190, 207, 208, 211, 212, 267, 268, 273, 275, 317, 318, 334, 338, 346, 351, 373, 379, 383, 385, 386, 390, 392, 483, 484, 514, 516, 528, 558, 560, 563, 564, 571, 572, 574, 577, 578, 584, 586, 589, 595, 617, 623, 624, 650, 672, 675, 687, 719, 724, 728, 737
Biological parameters, 11, 12, 262, 385, 388, 553
Biomass, 5, 6, 244, 247, 364, 367, 370, 382, 465, 487, 489, 490, 492, 494, 617, 622, 624, 699, 701
Biomaterials, 299, 720
Biomaximum, 697
Biomedica, 687
Biomedical, 598
Biomedicine, 298
Biometals, 52, 53, 55, 298, 299
Biometeorology, 127, 129
Biometric, 558, 559
Biomolecules, 425
Bionomics, 289, 386, 555
Bionotes, 672
Biopesticide, 317, 381, 630
Biopesticides, 17, 514, 662
Biophysics, 244, 688
Biopriming, 460
Bioprocess, 299
Bioproduct, 622
Bioproducts, 363, 618
Bioprospecting, 428
Bioremediators, 702
Bioresource, 383, 700, 702
Bioresources, 655, 662, 663
Biospectra, 204
Biostatistical, 664
Biostructures, 299
Biosynthesis, 51, 54, 79, 298, 299, 360
Biosynthesized, 297
Biosystematics, 163, 164, 203, 214, 347, 529, 651, 652
Biosystems, 7, 299, 720
Biotech, 323, 437, 629
Biotechnological, 55, 624
Biotechnologie, 217
Biotechnology, 8, 54, 94, 194, 223, 287, 298, 317, 318, 383, 449, 484, 506, 507, 623, 624, 655, 664, 667, 671, 672, 675, 687, 724, 739, 744, 745
Biotic, 237, 395, 420, 424, 425, 427, 431, 453, 602

- Biotreatments, 377
Biotrophs, 691
Biotropia, 212
Biotype, 80, 376, 585
Biotypes, 212
Bipectinata, 306, 309
Bipectinate, 306
Bipectinoppia, 303, 305, 306
Bipolaris, 296, 497, 498, 500, 508
Bipustulatus, 274
Birch, 50, 56, 734, 735, 750, 754
Bird, 29, 36, 596
Birds, 478, 595, 597
Birth, 750
Bisection, 547, 729
Biseratense, 436
Bisignatus, 274, 736
Blast, 247, 249, 251, 256, 323, 357, 427, 497, 677
Blastospore, 313, 317
Blastospores, 313, 318, 320
Blastx, 679
Blattella, 94
Blattellidae, 94, 555, 585
Blattisociidae, 589, 591, 594, 601, 604
Blattodea, 94, 555
Blight, 39, 43, 55, 431, 438, 458, 460, 497, 725
Block, 46, 133, 145, 147, 152, 153, 218, 232, 242, 260, 292, 397, 454, 455, 479, 489, 490, 679, 692
Blocked, 740, 741
Blocking, 662, 740
Blocks, 260, 724
Boilological, 573
Bombyliidae, 181, 182, 186, 187
Bombylioid, 185
Bombylioidea, 181, 182, 184, 186, 187
Bombylius, 186
Bombyloidea, 186
Bootstrap, 252, 323, 324, 548, 551, 553, 727, 730, 734, 736
Bootstrapping, 249, 730
Bootstraps, 730, 734
Botanica, 541
Botanical, 195, 196, 238, 275, 484, 584, 627, 628, 630, 631, 663, 692
Botanicals, 118
Botany, 55, 380, 381, 405, 426, 427, 494, 507, 541, 542, 560, 663, 671
Botryosphaeria, 39, 42
Botryosphaeriaceae, 39, 40, 42
Botryosphaeria, 40
Botryosphaeria, 39
Botrytis, 44, 51, 53, 55, 74, 135, 357, 424, 606, 617, 623, 624
Brachioppia, 301, 307
Brachonidae, 392
Brachycaudus, 222
Brachycera, 181
Brachycerous, 181
Brachycyrtinae, 347
Brachyoppiinae, 307
Brachypyline, 310
Braconid, 348, 530
Braconidae, 97, 98, 105, 108, 153, 202, 334, 348, 385, 386, 390, 391, 393, 554, 555, 559, 560, 563, 571, 575, 585, 652, 735
Braconidea, 573
Braconids, 104
Braconinae, 104
Bracssicae, 178
Brasiliensis, 477, 483, 485, 687
Brassica, 73, 75, 82, 83, 245, 251, 254, 351, 352, 354, 356, 358, 362, 585, 633, 634, 639, 641
Brassicaceae, 98, 254, 329, 356, 357, 577, 634, 640, 641
Brassicaceous, 74, 640
Brassicaceae, 80, 154, 173, 180, 275, 327, 392, 570, 571, 585, 686
Brassicaceae, 634
Breeders, 396, 633
Breeding, 59, 60, 66, 82, 195, 217, 218, 223, 277, 351, 359, 395, 396, 402, 403, 405, 407, 460, 546, 627, 633, 640, 641, 667, 675, 707
Bromide, 21, 23, 249, 251, 323, 444, 463, 464, 473, 499, 677, 742
Bromophenol, 740
Broom, 19, 21, 24, 26, 247, 248, 250, 256
Buffer, 20, 21, 32, 132, 248, 249, 322, 323, 391, 421, 443, 444, 499, 535, 676, 679, 740, 741
Buffered, 427
Buffers, 21
Bulb, 184, 414, 541
Bulbing, 700
Bulblets, 541
Bulbs, 352, 700
Bulbscales, 542
- ## C
- Cabbage aphid, 585
Cabbage, 8, 81, 146, 154, 244, 245, 329, 330, 374, 381, 392, 554, 555, 557, 585, 634, 640, 641
Cabbages, 633
Cage, 75, 127, 259, 260, 386, 387, 389, 634, 635
Cages, 259, 386, 387, 634
Callicerus, 643, 647, 650, 654
Calling, 126

- Callitula, 203
Calyx, 254, 620
Camaldulensis, 265
Cambium, 258, 263
Camerobia, 416
Camerobiidae, 416
Campesterol, 488
Campestris, 248, 256
Camphene, 236
Campopleginae, 157, 529, 643, 646, 651, 654
Campoplegini, 646
Campyloma, 431, 434, 439
Canaliculatum, 165
Cancer, 86, 352, 450
Candida, 54, 193, 297, 299, 359, 617, 618, 620, 622, 625
Candidatus, 19, 20, 22, 25, 27, 251, 253, 255
Cane, 56, 617, 619, 621, 622, 624
Canestrini, 307, 589, 592, 593, 602, 604
Canestrinii, 589, 593, 604
Canker, 41, 441, 442, 449, 450
Cannabina, 641
Cannabinus, 169
Cannea, 734
Cannibalism, 12
Canola, 56, 74, 75, 105, 330, 334, 351, 352, 356, 359, 577, 584, 633, 641, 739, 741, 744
Canopy, 122, 232, 233, 236, 241, 374, 380, 586, 750, 754
Cantaloupes, 420
Capacity, 135, 145, 147, 152, 153, 155, 385, 403, 424, 483, 510, 692, 699, 728, 737
Capinera, 329, 334
Capitatum, 655, 662, 665
Capitulum, 8
Cappaert, 265
Capsaicin, 495
Capsella, 109, 110, 112
Capsellae, 109, 110, 112
Capsici, 705, 708
Capsicum, 231, 232, 238, 329, 330, 705
Capsid, 744
Capsiformis, 16
Capsule, 75, 261, 262, 613
Capsules, 122, 123, 181, 263, 513
Captan, 45, 47, 51, 453, 455, 457, 458
Capture, 123, 125, 509, 608, 744
Captured, 123, 125, 140, 175, 510, 511, 519, 520, 608
Captures, 123, 126, 128, 511, 608, 611
Carabidae, 139
Carbamate, 258, 478
Carbamates, 627
Carbaryl, 257, 259, 261, 263
Carbarylchlorpyrifos, 261
Carbendazim, 455, 457, 458
Carbohydrate, 2, 75, 700, 716
Carbohydrates, 193, 277, 379, 564, 676, 689
Carbonate, 20, 380
Carbone, 622
Carbonyl, 478
Carboxin, 291, 292, 294, 455, 457, 458
Carboxyl, 60
Carboxylate, 688
Carboxylesterase, 585
Carcinogenic, 352
Carcinoma, 93
Cardboard, 123
Cardboards, 173
Cardenolides, 7, 658
Carey, 268, 269, 273, 579, 584, 634, 640, 728, 735
Caribbean, 85
Carina, 140, 340, 341, 520, 522, 649
Carinae, 522, 645, 648
Carinate, 226
Carinated, 160, 340, 521, 522
Carminative, 656
Carmine, 553, 555
Carmovirus, 534
Carolina, 369, 641
Carota, 494
Carotene, 193
Carotenoid, 241, 244
Carotenoids, 193, 195
Carpenter, 464, 473
Carpinella, 189, 190, 196
Carrot, 494, 719
Cary, 223, 275, 427, 555, 573, 586, 641, 679
Caryophyllaceae, 191
Caryophyllus, 195
Casein, 668
Caspian, 178, 364, 573, 601
Caspica, 363, 368, 371
Castaneum, 79, 81, 113, 116, 117, 334, 463, 475, 487, 495, 676, 678, 684, 686, 755
Castaniventris, 157, 159, 162, 166, 521, 522, 526, 528
Catalase, 375
Catechin, 355, 357, 359
Catechol, 51
Caterpillar, 155, 369, 432, 519
Caterpillars, 81, 147, 150, 152, 154, 516, 736
Catfish, 660, 662, 663
Catharanthus, 248, 255
Cathepsin, 287
Cathode, 624
Cationic, 420
Cations, 374
Caucasus, 593, 594

- Cauda, 559
Cauliflower, 329, 557
Caulimovirus, 534
Causal, 29, 41, 43, 59, 60, 65, 67, 190, 297, 325, 326, 395, 477, 484, 498, 504, 507, 720
Cecidomyiidae, 204, 391
Cell, 36, 45, 46, 50, 53, 93, 94, 132, 135, 183, 185, 287, 296, 420, 422, 424, 425, 493, 523, 538, 540, 542, 618, 619, 622, 624, 641, 672, 676, 716, 740, 745
Cellobiohydrolase, 744
Cells, 21, 40, 46, 80, 94, 99, 109, 132, 135, 136, 154, 226, 249, 409, 414, 420, 425, 464, 471, 494, 495, 538, 546, 617, 619, 621, 624, 634, 677, 688, 689, 739, 743
Cellular, 25, 45, 47, 471, 622, 634
Cellulose, 135
Celosia, 191, 192
Celsius, 123
Cements, 298
Centrifugation, 45, 322, 443, 619, 669, 740
Centrifuge, 32
Centrifuged, 32, 443, 619, 740, 741
Centroid, 207, 209, 211
Cephalonica, 15
Cerambycidae, 155, 257, 262, 264, 266
Cerasicola, 390, 558
Ceratitis, 81, 82
Ceratonia, 211
Ceratoniae, 213
Ceratopius, 520
Cercoseptoria, 111
Cercospora, 109, 112, 433, 435, 460
Cercospora, 109, 111
Cercosporidium, 111
Cercosporoid, 109, 112
Cercosporoids, 109
Cereal, 114, 288, 322, 396, 403, 406, 407, 459, 663
Cerealella, 173, 174, 177, 180, 288
Cereals, 247, 288, 324, 396, 406
Certification, 19, 20, 23, 291
Certified, 242, 514
Chain, 24, 26, 46, 248, 250, 322, 323, 325, 326, 441, 442, 450, 507, 533, 677, 686, 744
Chains, 190
Chalcid, 105, 204
Chalcidoid, 106, 203, 204, 346
Chalcidoidea, 98, 104, 106, 201, 203, 205, 339
Chalcidoids, 98
Challenge, 288, 421, 437, 719
Challenged, 622
Challenges, 326, 405, 407, 484, 624
Chamber, 2, 30, 31, 75, 88, 98, 146, 218, 257, 322, 420, 464, 465, 534, 545, 547, 712, 728
Chambers, 75, 147, 721, 728, 755
Chamomile, 352, 700, 701
Champaign, 460
Characterisation, 298, 299, 326, 449
Characteristics, 39, 47, 60, 63, 79, 82, 117, 133, 168, 195, 207, 208, 211, 217, 226, 245, 278, 284, 286, 360, 367, 375, 376, 391, 402, 403, 427, 442, 493, 498, 500, 510, 540, 553, 563, 564, 577, 584, 600, 601, 641, 658, 692, 694, 699, 706, 719, 721, 751
Characterization, 19, 46, 52, 54, 56, 87, 129, 248, 250, 252, 254, 256, 278, 279, 299, 321, 322, 324, 328, 345, 359, 370, 405, 407, 450, 451, 487, 490, 498, 505, 507, 528, 624, 673, 687, 688, 702
Characterizations, 302, 505
Characterize, 222, 442, 498, 504
Characterized, 39, 44, 79, 87, 110, 181, 217, 222, 223, 301, 395, 409, 509, 720, 721
Characters, 40, 41, 44, 69, 81, 99, 101, 102, 109, 139, 140, 158, 160, 169, 182, 183, 201, 212, 225, 226, 277, 278, 284, 286, 291, 292, 302, 303, 324, 338, 375, 414, 428, 521, 522, 633, 644, 720
Charcoal rot disease, 44, 55
Charcoal, 43, 44, 47, 50, 52, 55, 292, 295, 539
Checklist, 71, 105, 106, 109, 163, 186, 204, 228, 347, 519, 528, 529, 559, 596, 599, 600, 651
Checklists, 346
Cheiranthoides, 7
Chelicerae, 301, 409
Chelicerata, 596
Chemical control, 217, 218, 258, 260, 262, 264, 266, 291, 296, 297, 329, 357, 385, 437, 477, 483, 553, 628, 630, 656, 667
Chemical, 1, 2, 44, 51, 65, 73, 87, 92, 94, 97, 116, 189, 190, 196, 217, 218, 231, 233, 238, 258, 260, 262, 264, 266, 277, 281, 283, 285, 286, 291, 296, 299, 329, 333, 334, 351, 352, 357, 359, 361, 364, 367, 369, 370, 373, 374, 380, 385, 396, 427, 431, 437, 438, 442, 453, 455, 457, 459, 463, 464, 472, 473, 477, 478, 483, 484, 487, 510, 513, 545, 546, 553, 577, 578, 583, 586, 613, 624, 627, 630, 639, 656, 657, 661, 663, 667, 672, 675, 692, 694, 700, 701, 719
Chemoecology, 369
Chemosphere, 514
Chemotaxonomy, 170
Chemotherapy, 359, 450
Chemotherrapy, 93
Chenopodium, 297
Cheylostigmaeus, 410, 414, 416
Chickpea, 1, 7, 8, 55, 359, 739
Chile, 605, 631, 725
Chilean, 495, 631
Chili, 329

- Chill, 153
Chilled, 20, 678
Chilo, 153, 155, 211, 214, 288, 555
Chilocorus, 274
Chilopoda, 139
Chinaru, 277, 279, 281, 283, 285, 287, 289
Chinensis, 79
Chirantan, 431
Chitin, 685
Chitinas, 381
Chitinase, 36, 685
Chitinases, 35, 420
Chitinolytic, 53, 196
Chitinous, 302, 303
Chitosan, 299
Chitosans, 195
Chlamydo-spore, 316, 318, 376
Chlamydo-spores, 376, 695, 697
Chlamydo-sporea, 668
Chlamydo-sporium, 505, 671, 673
Chlamydo-sporem, 725
Chloramphenicol, 30, 31, 46
Chloramphenicole, 677
Chlorfenapyr, 231, 237, 628
Chloride, 479, 658
Chlorinated, 51
Chloroform, 322, 443, 487, 488, 490, 492, 658, 677
Chlorogenic, 487, 490, 493, 495
Chlorophyll, 424, 693
Chlorophylla, 693, 694
Chlorophylls, 691
Chlorosis, 26, 131, 249, 400, 401
Chlorotic, 241, 546, 739
Chlorpyrifos, 257, 259, 261, 263
Chlorpyrifos, 114
Cholesterol, 488
Chorotype, 345, 348, 528, 530
Chorotypes, 345, 529
Chromatogram, 358
Chromatographic, 86, 353, 488, 491, 492
Chromatography, 85, 87, 89, 351, 352, 356, 488, 492
Chromatomyia, 97, 100, 102, 104, 106, 108
Chrome, 45, 52
Chromoaphis, 570
Chromogenic, 668
Chromosomal, 640
Chromosome, 585
Chronic, 5, 586
Chroococcum, 52, 54
Chrysanthemi, 185
Chrysanthemum, 191, 324, 541
Chrysanthemums, 541, 585
Chrysomela, 370
Chrysomelid, 370
Chrysomelidae, 78, 82, 129, 155, 363, 368, 371, 473, 555, 585
Chrysomelinae, 368
Chrysoperla, 11, 12, 14, 16, 18, 339, 734, 736
Chrysopid, 13
Chrysopidae, 11, 16, 18, 339, 736
Chrysopids, 12, 15
Chrysorrhoea, 313, 314, 316, 318, 320
Chryso-roea, 318
Chryso-sperma, 442, 448, 449
Chryso-sporium, 744
Chymomyza, 155
Cicadas, 227
Cicadellidae, 204, 225, 227, 229, 584, 586
Cicadinea, 227
Cicadomorpha, 227
Cicer, 7, 8
Cicerina, 107
Ciconia, 595
Cilia, 306, 309
Ciliate, 303, 306, 308
Ciliated, 302, 303, 309
Cimbex, 339
Cimbicidae, 339
Cimeole, 663
CIMMYT, 67, 287, 322, 396, 406, 407, 456, 458, 461, 506
Cinagen, 443
Cinamaldehyde, 334
Cinamic, 355, 358
Cincta, 442, 519, 521, 523, 527, 528, 531
Cinctum, 442, 449
Cinderella, 701
Cinera, 617
Cineraria, 191
Cinerea, 44, 51, 53, 55, 357, 606, 623
Cinera, 424
Cingulatellus, 157, 160, 166, 337, 340, 345, 346, 349
Cinnabarinus, 553, 555
Cinnamaldehyde, 473
Cinnamic, 32, 35
Cinnamomun, 471
Cinnamoyl, 487, 492, 495
Cinnamoylglucoside, 494
Cipriano, 298
Circium, 159, 160
Circulating, 426
Circulation, 123, 623
Circulative, 739
Cirsium, 162
Cisneros, 313, 317
Citrate, 47

- Citri, 19, 27, 211, 213, 267, 274, 276
Citrus, 19, 26, 55, 131, 191, 211, 213, 225, 226, 264, 267, 268, 272, 275, 483, 624, 677, 705, 706, 744, 745
Citrys, 25
Clade, 321, 324, 448, 460
Cladistic, 164
Cladosporium, 40
Claredon, 736
Clarendon, 359
Clariidae, 660
Clasper, 168, 169
Classification, 25, 170, 219, 254, 255, 264, 326, 345, 348, 381, 451, 528, 530, 596, 687
Classified, 157, 167, 219, 247, 254, 447, 464, 509, 594, 678
Classify, 324
Clavibacter, 325
Claviform, 308
Clavipectinata, 308
Claw, 412
Claws, 140, 410
Clematis, 20, 22
Clement, 296, 298, 519, 520, 522, 531
Clementine, 20, 22
Clementines, 555
Clerodendrum, 655, 656, 659, 662, 664, 665
Clerodermic, 662
Clevenger, 465
Climate, 80, 81, 93, 268, 460, 594, 595, 606, 612, 613, 750
Climates, 129, 139, 346, 396, 420, 463
Climatic, 73, 80, 82, 141, 190, 211, 432, 505, 509, 512, 716
Climatology, 612, 613
Clinic, 692
Clinical, 193, 296, 297, 359, 506, 507
Clip, 634
Clipped, 747, 748
Clockwise, 174
Clonal, 223, 497, 500, 503, 505, 585, 603
Clone, 503, 677, 739, 744
Cloned, 53, 247, 249, 742
Clones, 369, 370, 677
Cloning, 249, 327, 673, 687, 740, 741, 744, 745
Clove, 352
Clover, 541, 563, 739, 745
Cluster, 39, 207, 209, 211, 219, 221, 222, 403, 404, 414, 415, 441, 444, 445, 447, 448, 497, 499, 500, 721
Clustered, 251, 403
Clustering, 210, 217, 219, 222, 321, 323, 397, 444, 450, 664
Clusters, 39, 40, 133, 134, 209, 219, 222, 403, 414
Clypellus, 226
Clypeus, 340, 341, 520, 522, 526, 645, 648, 649
Coagulate, 741
Coast, 324, 474, 528
Coastal, 178, 601, 631
Coat, 279, 286, 685, 739, 745
Coated, 490, 535
Coating, 676
Cobalt, 465
Coccinella, 213, 233, 273, 275, 386, 391
Coccinellid, 208, 212, 213, 233, 235, 237, 275, 737
Coccinellidae, 154, 207, 212, 213, 215, 267, 273, 276, 386, 391, 572, 736, 737
Coccinellids, 233, 235, 237
Coccivora, 275
Coccodes, 297
Coccoidea, 273, 275
Cochleariae, 585
Cochliobolus, 190, 507
Cochran, 490, 495
Cockayne, 736
Cocklebur, 195
Cockroach, 585
Cockroaches, 602
Cocoa, 36
Code, 62, 86, 99, 101, 102, 444
Coded, 280
Coding, 48, 326, 722
Codlemone, 122
Codling, 121, 129, 153, 614, 734, 737
Coefficient, 6, 173, 175, 177, 219, 255, 354, 395, 397, 400, 403, 404, 441, 444, 445, 447, 499, 500, 570, 608, 609, 635, 682, 713, 750
Coefficients, 176, 221, 284, 404, 566, 608
Coexistence, 598
Coffee, 131, 191
Cogburn, 464, 473
Cohort, 268, 270, 513, 546, 636, 729
Cohorts, 547, 599
Coincide, 435
Coincides, 426
Coinciding, 259, 260
Cold hardiness, 146, 152, 155, 614
Colemani, 389, 391, 570, 574
Colendararum, 597
Colendarum, 597
Coleoptera, 78, 79, 81, 82, 114, 118, 129, 139, 154, 155, 157, 163, 207, 208, 212, 215, 257, 258, 262, 264, 265, 267, 273, 277, 287, 290, 363, 368, 371, 391, 435, 463, 472, 473, 475, 555, 572, 585, 586, 595, 596, 643, 662, 664, 678, 736, 737
Coleopteran, 139
Coleoptra, 685
Coleptera, 287

- Coli, 129, 249, 299, 739, 746
Collaboration, 433, 436
Collaborative, 288
Collagen, 668
Collar, 52, 140, 340, 478
Collaris, 157, 160, 166, 337, 341, 345, 346, 349, 643, 647, 650, 654
Collection, 13, 60, 63, 66, 69, 140, 146, 158, 182, 200, 217, 219, 220, 222, 223, 226, 242, 259, 302, 314, 338, 353, 442, 443, 499, 506, 520, 529, 558, 578, 590, 644, 657, 748
Collections, 217, 218, 221, 222, 407
Collembola, 155, 595, 598, 602
Collembolan, 155
Collenchyma, 132, 133
Colletotrichum, 195, 297, 318, 319, 352, 359, 483, 484, 505, 507
Colloid, 299
Colloidal, 132, 297, 299
Colloquium, 602
Colón, 605
Colonial, 503, 504
Colonial, 82
Colonies, 44, 46, 192, 249, 292, 314, 375, 376, 385, 387, 557, 574, 721, 723
Colonization, 35, 36, 43, 51, 52, 54, 55, 135, 136, 374, 459, 479, 552, 695, 699, 701, 702
Colonize, 51, 52, 379, 380
Colonized, 219, 374
Colonizing, 51, 213, 374, 383, 392
Colony, 12, 13, 40, 49, 75, 87, 174, 190, 192, 268, 296, 314, 353, 375, 376, 386, 391, 442, 497, 498, 500, 547, 564, 618, 620, 706, 721, 723, 728, 740, 741
Colorado potato beetle, 473, 555
Coloration, 521, 522, 526, 650
Colored, 232, 233, 236, 285
Colorimetric, 421, 426
Colorimetry, 421
Colpognathus, 643, 647, 650, 652, 654
Colpotrochia, 519, 521, 523, 527, 528, 531
Comb, 69, 70, 186
Combat, 291, 296
Combate, 664
Combating, 396, 432
Commemoration, 672
Commencement, 278
Commercialization, 432, 618
Commercialized, 94, 437, 618
Commercially, 114, 291, 318, 353
Commission, 724
Committee, 264, 298
Commodities, 195, 472, 473
Commodity, 114, 471
Communis, 574, 646, 650
Compatibility, 357, 378, 449, 583, 586
Compatible, 330, 373, 442
Compendium, 8, 53, 55, 195, 664
Compiled, 176
Complement, 163, 263
Complementary, 116, 316, 321, 324, 380, 386, 406, 442
Complemented, 676
Complexity, 324, 374
Complicates, 74
Compliments, 236
Component, 122, 209, 219, 221, 224, 232, 235, 237, 385, 395, 398, 401, 403, 405, 409, 425, 431, 459, 487, 493, 533, 605, 606, 612, 663, 668, 676, 711
Components, 81, 86, 92, 209, 217, 219, 225, 231, 232, 234, 287, 330, 333, 357, 360, 364, 374, 380, 382, 395, 398, 402, 404, 406, 407, 488, 622, 678, 701
Componentsucrose, 535
Compositae, 381
Composite, 236, 242, 278, 281, 456
Compost, 31, 75, 382, 701
Composted, 382
Composts, 410, 414, 701
Cone, 258, 264, 488
Cones, 69, 70, 87
Conesa, 416
Confidor, 258, 259, 578, 629
Configurations, 207
Confusum, 113, 119, 472, 755
Congenital, 495
Conidia, 39, 40, 109, 110, 314, 316, 318, 375, 376, 419, 421, 442, 448, 455, 497, 499, 500, 578, 579, 585, 586, 677, 678, 720, 722
Conidial, 110, 297, 319, 421, 498, 499, 676, 678, 687, 720, 721
Conidiation, 319
Conidiogenous, 40, 109, 110, 500
Conidiomata, 40, 447
Conidiophore, 376, 448, 498, 501
Conidiophores, 109, 110, 420, 442, 448, 497, 500, 722
Conidium, 318, 498, 501
Consideration, 175, 685
Constituents, 87, 238, 279, 281, 285, 286, 360, 487, 661, 662, 675, 691, 701
Consume, 286, 385
Consumer, 8
Consumers, 545
Consumption index, 1, 3, 5
Consumption, 1, 8, 17, 217, 329, 332, 335, 363, 367, 369, 370, 463, 465, 467, 471, 473, 474, 622, 635, 638, 701, 711, 713, 715, 717
Contaminate, 453, 463
Contaminated, 578

- Contamination, 232, 314, 352, 453, 454, 458, 459, 472, 739, 744
- Control, 2, 11, 12, 21, 29, 33, 35, 37, 41, 43, 48, 50, 56, 59, 61, 65, 67, 73, 75, 82, 85, 87, 89, 93, 94, 97, 98, 105, 106, 114, 118, 121, 127, 129, 132, 147, 150, 151, 154, 157, 173, 176, 178, 179, 189, 190, 192, 203, 207, 208, 211, 212, 217, 218, 233, 241, 244, 250, 257, 268, 273, 275, 277, 279, 281, 285, 288, 291, 297, 299, 313, 314, 316, 318, 323, 329, 334, 335, 338, 346, 351, 353, 355, 357, 361, 373, 375, 377, 383, 385, 386, 390, 392, 396, 403, 405, 416, 423, 424, 428, 432, 435, 437, 438, 442, 444, 446, 457, 459, 460, 463, 466, 471, 474, 477, 484, 488, 490, 492, 494, 499, 513, 516, 528, 534, 536, 540, 545, 546, 553, 555, 557, 558, 560, 563, 564, 570, 574, 577, 586, 589, 590, 595, 601, 605, 612, 617, 619, 621, 624, 627, 628, 630, 631, 633, 639, 650, 656, 657, 659, 660, 662, 663, 667, 672, 675, 677, 678, 680, 686, 687, 691, 700, 706, 719, 724, 725, 728, 735, 737, 739, 741, 742, 750, 754
- Controls, 20, 22, 32, 60, 87, 92, 132, 196, 248, 377, 481, 483, 487, 492, 510, 583, 692, 693, 706, 741
- Conventional, 192, 272, 296, 361, 436, 437, 464, 555, 706, 719
- Converge, 412
- Convergens, 152, 155
- Converging, 307
- Conversion, 1, 6, 329, 331, 332, 363, 365, 367, 463, 465, 467, 622, 676
- Convert, 5, 279, 367, 368, 465, 472
- Converted, 2, 5, 209, 280, 433
- Converting, 291, 364, 367
- Convolvulus, 487, 488, 490, 496, 547, 578
- Cooled, 146, 422, 657
- Cooling, 146, 155
- Coomassie, 740
- Cooper, 538, 540, 613
- Copenhagen, 688
- Cophenetic, 441, 447, 448
- Cophentic, 447
- Coprophilous, 595
- Copticum, 116, 118
- Copulatrix, 169
- Cordifolia, 169
- Cordycipitaceae, 317
- Cordylus, 409, 410, 414, 418
- Coriander, 231, 232, 236, 238, 702
- Coriandrum, 232, 238, 702
- Corm, 533, 535, 536, 539, 540
- Corms, 533, 536, 538, 540, 542
- Corn, 1, 6, 16, 53, 129, 173, 174, 178, 179, 244, 287, 289, 310, 329, 330, 334, 360, 428, 460, 601, 617, 619, 622, 624, 668, 701
- Corp, 720
- Corporation, 437
- Cosmetics, 193
- Cosmolaelaps, 589, 591, 604
- Cosmopolitan, 1, 12, 190, 409, 463, 519, 557, 563, 577, 589
- Cost, 218, 232, 234, 237, 317, 351, 352, 431, 432, 484, 505, 618, 622
- Costa, 86, 94, 164, 182, 184, 185, 346, 347, 589, 593, 596, 604, 668, 671, 745
- Costal, 168, 226
- Costata, 155
- Costeffective, 231
- Costly, 351, 719
- Costs, 74, 82, 116, 313
- Costula, 301, 523
- Costulae, 303, 306, 307
- Cotesia, 334
- Coticule, 686
- Cottons, 75, 432
- Cotty, 54
- Cotyledon, 86
- Coumaric, 355, 357, 358
- Coumarin, 493, 494
- Coumarins, 352, 357, 495
- Coumaroyl, 487, 492, 494
- County, 127, 416, 594, 595, 598, 643
- Couple, 386, 390
- Coupled, 222, 236, 285, 488, 535, 538, 539, 547, 634
- Couples, 387, 388, 390
- Coupling, 702
- Covariance, 573
- Covariation, 223
- Cover, 178, 233, 236, 244, 360, 376, 420, 628, 661, 728
- Coverage, 43, 46, 48, 52, 259, 687
- Cowpea aphid, 223
- Cowpea, 2, 54, 223, 425, 640, 655, 657, 660, 662, 663
- Cowpeas, 663
- Coxa, 99, 184, 340, 410, 413, 522, 526
- Coxae, 99, 101, 185, 201
- Coxisternal, 410, 412
- Coyle, 152, 153, 363, 369
- Craccivora, 11, 15, 18, 218, 222, 223, 570, 573
- Crack, 163
- Cracks, 257
- Crambidae, 167, 171, 178, 179, 214, 555
- Crambids, 167
- Craniofacial, 495
- Crassipalpis, 79, 82
- Crataegi, 213
- Cratichneumon, 346
- Cremastinae, 157, 165, 529
- Creontiades, 12, 15, 16, 431, 434, 439
- Crevice, 268, 661

- Crimea, 594
Cripps, 661, 663
Crista, 306
Cristata, 191, 192, 725
Cristofaro, 613
Criteria, 125, 178, 274, 479, 608, 735
Criterion, 126, 608, 610
Critical, 31, 59, 121, 231, 234, 235, 237, 263, 273, 451, 473, 535, 573, 617, 621, 663, 712, 728
Critically, 237
Croatia, 7
Croatica, 541
Croceicornis, 520, 528
Crop, 1, 9, 11, 27, 29, 57, 59, 83, 85, 119, 121, 137, 139, 143, 145, 171, 173, 187, 189, 197, 200, 205, 207, 215, 217, 229, 231, 239, 241, 311, 313, 349, 351, 371, 373, 393, 395, 429, 431, 439, 441, 475, 477, 485, 487, 517, 519, 531, 533, 536, 538, 543, 545, 561, 563, 564, 566, 575, 577, 587, 589, 615, 617, 625, 627, 665, 667, 709, 711, 756
Crops, 1, 11, 12, 19, 29, 36, 73, 74, 82, 88, 97, 98, 162, 163, 179, 189, 195, 217, 223, 232, 233, 237, 238, 241, 254, 255, 267, 273, 321, 329, 351, 353, 361, 363, 380, 386, 392, 395, 412, 414, 420, 426, 427, 432, 435, 437, 458, 459, 461, 477, 497, 509, 510, 513, 515, 545, 557, 563, 584, 627, 633, 640, 663, 672, 692, 699, 702, 706, 708, 719, 721
Crotalaria, 241, 243, 245, 246
Crous, 41, 109, 111, 322, 327
Crowding, 236
Crowe, 55
Crown, 85, 86, 88, 226, 361, 459, 706, 707, 747, 748, 750, 753, 755
Crucifer, 74, 585
Cruciferous, 73, 74, 244, 639, 702
Crucifers, 325, 554
Crude, 85, 89, 92, 93, 189, 190, 195, 196, 277, 279, 283, 284, 286, 356, 489, 490
Cruentatum, 157, 159, 162, 166
Cry, 432, 435, 436
Cryo, 154, 155
Cryobiology, 155
Cryoprotectant, 154
Cryoprotectants, 145, 153
Cryotherapy, 542
Cryptic, 212
Cryptinae, 157, 164, 337, 340, 342, 344, 349, 643, 646, 651, 652, 654
Cryptini, 646
Cryptococcus, 450, 624, 736
Cryptognathid, 415, 416
Cryptognathidae, 409, 410, 412, 414, 418
Cryptognathus, 416
Cryptognatidae, 409, 418
Cryptolaemus, 267, 276
Cryptolestes, 113, 154
Cryptopygus, 155
Cryptus, 337, 339, 345, 346, 349, 643, 646, 650, 654
Crystal, 677
Crystalloid, 146
Ctenicheumon, 337, 341, 345, 346, 349
Ctenidia, 69
Ctenopelmatinae, 165, 529
Cucumber, 36, 37, 54, 196, 319, 375, 391, 410, 411, 420, 424, 428, 541, 545, 552, 554, 556, 557, 572, 586, 627, 628, 672
Cucumis, 37, 427, 451, 545, 546, 705
Cucurbit, 195, 255, 707
Cucurbita, 109, 110, 112, 268, 419, 420, 426, 705, 708
Cucurbitaceae, 706, 707
Cucurbitae, 554
Cucurbiticola, 109, 110, 112
Cucurbits, 195, 420, 426, 428, 705, 708
Cucurbta, 709
Cuda, 85, 94
Cultivar, 44, 60, 65, 74, 113, 115, 117, 174, 232, 322, 375, 376, 395, 398, 399, 402, 403, 453, 498, 504, 505, 510, 545, 547, 550, 552, 570, 578, 580, 582, 583, 620, 633, 635, 640, 705, 707
Cultivars, 7, 8, 19, 23, 25, 36, 37, 43, 54, 55, 60, 62, 64, 66, 105, 113, 115, 117, 287, 326, 329, 334, 335, 351, 359, 380, 390, 395, 407, 432, 436, 442, 498, 500, 503, 504, 506, 533, 545, 555, 577, 584, 586, 614, 633, 636, 638, 640, 705, 707
Cultivated, 7, 60, 74, 82, 86, 98, 193, 248, 277, 330, 352, 356, 420, 427, 431, 432, 459, 510, 614, 640, 641, 655, 691
Cultivates, 277
Cultivation, 363, 382, 431, 432, 437, 453, 454, 459, 461, 509, 512, 534, 555, 618, 700, 742
Cultivations, 514, 545
Culture, 2, 8, 12, 24, 29, 31, 40, 44, 47, 75, 87, 132, 192, 217, 232, 249, 279, 292, 293, 313, 314, 316, 318, 330, 353, 359, 374, 381, 427, 443, 455, 473, 478, 479, 489, 493, 494, 499, 533, 536, 538, 542, 564, 578, 618, 619, 622, 624, 656, 667, 673, 676, 678, 692, 693, 723, 728
Cultured, 30, 44, 249, 375, 495, 499, 534, 539, 541, 578, 668, 677, 740
Cultures, 12, 30, 39, 40, 44, 87, 218, 249, 279, 292, 375, 443, 464, 478, 489, 515, 535, 536, 539, 540, 546, 578, 668, 742
Culturing, 45, 375, 478, 479, 686
Cumin, 238
Curculionidae, 118, 154, 163, 277, 287, 290, 472, 473, 586, 596, 663, 664

Curculionidea, 287
Curl, 178, 231, 233, 238, 432
Curled, 235
Curling, 231, 234, 236, 238, 557
Curtipilus, 308
Curtis, 81
Curvator, 164
Curve, 395, 397, 400, 404, 512, 513, 566, 572, 614
Curved, 110, 184, 308, 500
Curves, 421, 572, 731
Curvularia, 507
Cuscuta, 248, 256
Cushman, 345
Cutaneous, 299
Cuticular, 678, 685
Cuticle, 113, 668, 676, 678, 680, 682, 685, 689
Cuticlemicroplus, 687
Cuticles, 675, 676, 678, 681, 685, 686
Cuticular, 675, 678, 689
Cyanide, 383
Cycle, 121, 155, 204, 248, 257, 270, 272, 274, 334, 335, 419, 444, 499, 509, 512, 535, 679, 680, 720, 747
Cycler, 248, 499
Cycles, 20, 21, 248, 250, 323, 444, 499, 535, 677, 679, 681, 720
Cyclohexamide, 677
Cyclone, 324, 325
Cyclones, 324
Cyclophane, 299
Cyclorrhapha, 107
Cyclorrhapha, 105
Cydia, 121, 122, 127, 130, 734
Cydnidae, 583, 585
Cyfluthrin, 262
Cyhalothrin, 583
Cylinder, 259, 390
Cylindrica, 306
Cylindrical, 12, 13, 110, 184, 279, 421, 500, 564, 634, 648
Cylindroppia, 306
Cylleniinae, 186
Cylloceriinae, 164, 347
Cymbopogon, 702
Cynodon, 159
Cynodontis, 497, 500, 501, 504, 505, 508
Cyp, 675, 676, 679, 681, 685, 686, 689
Cypermethrin, 627, 630
Cyromazine, 105, 585
Cyrtisopsis, 182, 183, 185, 186
Cyrtomenus, 583, 585
Cyrtosia, 182, 186
Cyst, 381, 672
Cysteine, 47, 316

Cythereinae, 186
Cytochemical, 427
Cytochrom, 675, 676
Cytochrome, 675, 676, 680, 682, 683, 686, 688, 689
Cytokinins, 538, 539, 699
Cytologia, 641
Cytological, 427
Cytoplasm, 745
Cytoplasmic, 447
Cytospora, 441, 446, 448, 450, 452
Cytotoxic, 94, 196, 360, 630
Cytotoxicity, 86

D

Dacnusa, 97, 99, 102, 104, 106, 108
Dacnusiini, 105
Dactylifera, 600
Dactylon, 159
Dactylopiidae, 272
Dactylopius, 272, 273
Damage, 30, 43, 59, 70, 97, 98, 118, 126, 129, 146, 204, 218, 231, 233, 236, 247, 263, 267, 268, 277, 279, 282, 284, 285, 287, 289, 353, 369, 425, 426, 428, 431, 434, 436, 463, 464, 470, 473, 514, 516, 547, 549, 555, 558, 577, 606, 614, 655, 657, 660, 662, 711, 724, 737
Damaged, 82, 114, 280, 431, 434, 477, 657, 658, 660, 661
Damages, 29, 30, 222, 231, 233, 236, 263, 497, 546, 571, 655
Damaging, 218, 222, 483
Damavandica, 308
Damp, 225
Damping, 52, 54, 189, 190, 360, 382, 706
Database, 170, 204, 251, 607, 612, 719, 721, 724
Date palm, 600
Dates, 121, 128, 173, 175, 177, 200, 259, 260, 397, 609, 611
Datura, 471, 472
Daucus, 494
Daughter, 534
Dearth, 656
Death, 13, 29, 76, 79, 94, 113, 145, 259, 261, 267, 269, 296, 297, 477, 479, 481, 483, 497, 547, 669, 678, 729
Debaryomyces, 624
Debatable, 278, 285
Decaleside, 664
Decanting, 242
Decay, 51, 357, 358, 484, 597, 617, 620, 622, 624
Decayed, 380, 479

- Decaying, 589
Decays, 617
Decemlineata, 473
Decenedioic, 668
Deciduous, 528, 600, 711, 754
Decomposed, 699
Decomposition, 244, 374, 377, 380, 382, 601
Decrement, 175
Defatted, 488
Defeat, 405
Defect, 513
Defective, 288
Defence, 30, 640
Defense, 29, 30, 32, 34, 38, 93, 131, 334, 370, 374, 398, 420, 424, 426, 484, 640, 661, 688, 727
Défense, 515
Defensive, 145, 147, 150, 151, 519, 546, 570, 574, 716
Deficiencies, 23
Deficiency, 19, 21, 25, 426
Deficient, 497
Defoliation, 29, 267, 363, 711
Defoliator, 179
Defoliators, 711
Degradation, 82, 133, 135, 258, 542, 656, 685, 688, 692
Degrade, 131, 135, 668
Degraded, 134, 538
Degrading, 131, 676, 680, 682, 687, 688, 719
Degree, 5, 51, 113, 121, 125, 127, 129, 260, 269, 277, 285, 402, 471, 505, 605, 611, 613, 614, 748
Dehydrogenase, 736
Deionized, 322, 422, 676
Delicious, 122, 620, 622
Delineate, 675
Delineation, 255
Delphacidae, 203
Delta traps, 125, 606
Deltamethrin, 114, 118, 262, 471
Deltocephalinae, 225, 228
Dematiaceous, 506, 724
Demineralized, 421
Demographic, 8, 127, 267, 270, 272, 274, 276, 330, 333, 334, 390, 514, 554, 727, 728, 736
Demography, 268, 272, 273, 555, 584, 640, 735, 736
Demonstrate, 217, 448, 468
Demonstrated, 30, 60, 121, 176, 177, 192, 211, 247, 262, 263, 316, 317, 363, 365, 368, 374, 378, 379, 385, 389, 390, 442, 471, 483, 492, 493, 552, 583, 617, 621, 623, 628, 630, 668, 676, 678, 680, 686, 695, 712, 716
Denaturation, 20, 21, 248, 323, 357, 444, 499
Denderogram, 404
Dendrogram, 210, 441, 445, 447, 448, 500, 502
Dendrograms, 449
Dendrolimus, 179
Densities, 54, 179, 185, 236, 257, 262, 383, 387, 388, 390, 415, 563, 564, 566, 568, 570, 571, 635, 750, 753
Densitometry, 679, 680
Density, 35, 113, 123, 125, 126, 128, 175, 178, 185, 237, 263, 289, 369, 379, 380, 385, 391, 433, 434, 512, 535, 564, 566, 569, 614, 618, 622, 624, 634, 640, 728, 735, 747, 750
Denticulata, 307
Denticulate, 168, 226
Denticurvatus, 104, 106
Deobensis, 200, 201, 205
Deoxynivalenol, 453, 458, 459, 461
Depolarizing, 662
Derivative, 48
Derivatives, 238, 357, 495, 676
Dermacentor, 688
Dermanyssidae, 596
Dermanyssina, 600
Dermatophytes, 298
Dermestes, 660, 662
Dermestidae, 79, 662
Description, 40, 105, 106, 167, 186, 218, 222, 273, 280, 309, 392, 414, 520, 595, 600, 649, 736, 748, 750
Descriptions, 69, 107, 142, 200, 203, 279, 309, 417, 602
Descurainia, 646, 650
Desert, 214, 391, 487, 520, 602
Desiccant, 146
Desiccate, 116
Desiccation, 73, 113, 116, 259, 313, 330, 712, 750
Design, 2, 45, 46, 88, 125, 218, 232, 242, 259, 260, 292, 314, 353, 359, 375, 397, 422, 454, 455, 479, 489, 490, 499, 534, 535, 547, 572, 614, 618, 658, 669, 679, 688, 692, 737
Destroy, 471, 671
Destruction, 31, 232, 258, 477
Detector, 23, 488
Deter, 232
Detergent, 233, 628
Determinants, 702
Deterrence, 463, 465, 467, 470
Deterrent, 236
Deterrents, 631
Deterring, 232, 233
Detoxification, 586
Detrimental, 2, 425, 426, 617
Detrmestes, 663
Deuteromycetes, 505
Deuteromycotina, 585
Deuterotokous, 514
Deutonymph, 547, 549
Deutonymphal, 548
Developmental period, 11, 13, 15

- Deviation, 609, 751
Deviations, 621
Dextrose, 30, 39, 44, 192, 194, 291, 292, 313, 317, 353, 375, 443, 455, 478, 498, 578, 618, 619, 668, 676, 677, 720, 721
Diacetylphloroglucinol, 379
Diadegma, 163, 390, 643, 646, 650, 651, 654
Diadromus, 157, 160, 166, 337, 341, 345, 346, 349, 643, 647, 654
Diaeretiella, 569, 571, 574
Diagnosi, 595
Diagnosis, 20, 23, 25, 69, 70, 98, 140, 168, 223, 226, 340, 341, 410, 415, 442, 542, 645, 648
Diagnostic, 139, 160, 169, 182, 183, 200, 201, 225, 226, 255, 302, 303, 521, 534, 739, 740
Diagram, 221, 489
Diagrammatic, 406
Dialysed, 741
Dialysis, 741, 742
Diameter, 12, 13, 29, 32, 34, 75, 87, 88, 98, 110, 135, 168, 182, 192, 259, 260, 268, 279, 280, 292, 330, 478, 500, 521, 522, 536, 547, 564, 579, 620, 621, 628, 634, 691, 693, 694, 699, 706, 712, 721, 723, 728, 739
Diameters, 46, 89, 621
Diammonium, 454
Diamondback moth, 73, 75, 81, 82, 640, 642
Diamondback, 73, 76, 81, 82, 634, 636, 638, 640, 642
Diapause, 79, 82, 154, 155, 364, 716, 747
Diapauses, 754
Diapausing, 81, 614
Diaphorina, 211, 213
Diaporthales, 449
Diatom, 114, 117
Diatomaceous, 113, 118
Diazinon, 627, 631
Dicaelotus, 346, 347, 652
Dicaffeoyl, 487, 492, 494
Dichloromethanol, 93
Dichotoma, 254
Dichrogaster, 337, 339, 345, 346, 349, 643, 646, 654
Dicot, 135
Dicots, 43
Dicotyledonous, 225, 739
Dicrogaster, 650
Dictyolol, 661
Dictyoptera, 585
Dictyota, 298
Didymella, 424
Die, 43, 146, 152, 227, 228, 263, 391, 471, 557, 603
Died, 75, 98, 281, 479, 536, 634, 677
Diet, 1, 2, 4, 6, 8, 12, 13, 16, 247, 268, 301, 364, 497, 553, 555, 713, 728, 729
Dietary, 17, 241, 359, 655
Dietetic, 360
Diethanolamine, 741
Diets, 1, 2, 4, 6, 8, 16, 301, 553, 728
Diferulates, 278
Differential, 55, 59, 62, 64, 66, 67, 211, 322, 392, 436, 541, 688, 689, 717
Differentiate, 41, 448, 498
Differentiation, 211, 255, 471, 483, 504, 506, 540, 542, 553
Diffusion, 85, 87, 89, 92, 93, 132, 173, 177, 179, 192, 193, 351, 353
Diflubenzuron, 262, 583, 584
Digest, 2, 6, 135, 299, 364, 422, 436, 686
Digested, 1, 3, 6, 19, 21, 24, 249, 251, 329, 331, 332, 363, 365, 367, 740
Digestibility, 1, 3, 5, 287, 329, 331, 332, 363, 365, 367, 624
Digestion, 2, 8, 19, 22, 193, 249, 250, 364, 421, 426, 676, 685, 740, 741
Digestions, 253, 685
Digestive, 5, 8, 286, 287, 334, 364, 367, 370, 656
Digital, 98, 140, 167, 182, 200, 208, 279, 280, 338, 520, 607
Digitatum, 44, 55
Diglucoside, 662
Dihydrolase, 375
Dihydroxybenzoic, 357
Diluted, 20, 248, 260, 375, 443, 465, 488, 740, 741
Dilution, 46, 189, 192, 375, 425, 535, 619, 677, 741, 742
Dilutions, 132, 375, 670
Dimethoate, 627
Dimethylmorpholine, 478
Dimorphandra, 7, 369
Dimorphic, 214, 687
Dimorphism, 208, 212, 214
Dinotefuran, 262
Dipeptidyl, 675, 676, 682
Dipeptidyle, 683
Diphenyl, 495
Diplazon, 157, 159, 164, 166, 643, 646, 654
Diplazontinae, 157, 159, 162, 165, 166, 348, 529, 643, 646, 651, 654
Diplazontini, 646
Diplodia, 41
Diploid, 392
Dipping, 628
Dipsacaceae, 254
Dipsaci, 223
Diptera, 74, 79, 82, 97, 105, 108, 153, 155, 157, 162, 165, 181, 186, 204, 212, 258, 391, 416, 435, 515, 554, 573, 643, 650, 653, 736
Dipteran, 106
Dipterans, 104

- Dipterologica, 186
Dipterous, 106
Dirhodum, 570
Discriminate, 75, 707
Discriminating, 212
Discrimination, 213, 505
Disease incidence, 248, 434, 436, 455, 457
Dishthripidae, 631
Disinfected, 61, 720
Disinfest, 278
Disinfestation, 65, 279
Disinfested, 59, 61, 534
Dismutase, 426
Disorder, 19
Disorders, 94
Dispar, 7, 181, 183, 187, 334, 367, 369
Dispersa, 56
Dispersal, 79, 173, 180
Disperse, 751
Dispersed, 175, 178, 385, 618, 622
Dispersion, 335, 510, 747
Disrupt, 79
Disrupted, 686
Disrupting, 661
Disruption, 122, 125, 127, 128, 236, 514
Disrupts, 257
Dissect, 678
Dissected, 259, 260, 678
Dissecting, 208, 657
Dissections, 167
Dissolved, 88, 114, 191, 314, 421, 422, 488, 658, 741
Dissolving, 20
Dissorhina, 301, 306
Distilled, 2, 12, 20, 30, 31, 44, 46, 85, 87, 92, 147, 292, 314, 323, 353, 375, 376, 421, 443, 465, 478, 488, 489, 498, 499, 534, 547, 619, 658, 668, 677, 678, 706, 712, 720, 721
Distribution, 7, 20, 65, 67, 69, 71, 73, 79, 98, 99, 101, 102, 107, 114, 139, 140, 147, 148, 151, 157, 160, 162, 163, 165, 168, 173, 178, 179, 185, 207, 212, 219, 225, 226, 258, 263, 265, 268, 301, 303, 324, 329, 337, 339, 341, 345, 346, 348, 360, 370, 407, 409, 415, 419, 420, 426, 459, 463, 489, 494, 495, 503, 507, 513, 516, 522, 526, 528, 530, 534, 542, 546, 547, 552, 558, 560, 589, 594, 598, 600, 606, 607, 613, 645, 647, 650, 673, 716, 729, 735, 739, 747, 748, 750, 754, 755
Disulfoton, 263
Diterpene, 700
Ditylenchus, 223
Diuraphis, 212, 569, 573, 574
Diurnal, 155, 750
Divaricata, 558
Divergence, 207, 449, 573
Divergent, 303, 307, 414
Diverging, 140
Diversity, 95, 141, 145, 152, 155, 181, 185, 186, 190, 225, 322, 324, 395, 403, 404, 406, 415, 441, 442, 444, 446, 450, 452, 497, 504, 507, 528, 560, 594, 595, 598, 600, 603, 650, 675, 688
DNA, 20, 25, 41, 48, 248, 251, 253, 288, 321, 324, 326, 442, 446, 449, 451, 498, 501, 504, 507, 536, 585, 676, 679, 688, 720, 740, 742, 745
Dnastudy, 507
DNTP, 248, 443, 676, 679
DNTPs, 20, 21, 499, 676, 678
Dobutamine, 196
Domestica, 558, 617
Dormancy, 534, 623
Dormant, 262, 622, 623
Dorsal, 99, 101, 103, 140, 141, 161, 168, 185, 201, 203, 226, 227, 303, 305, 341, 344, 409, 414, 522, 526, 649
Dorsalis, 69, 212, 231, 234, 239
Dorsophragma, 301
Dorsum, 184, 412, 415
Dosage, 263, 435, 465, 583, 659, 661
Dosages, 583, 585
Dose, 80, 113, 114, 116, 118, 232, 263, 297, 454, 464, 466, 468, 470, 493, 577, 578, 639
Doses, 232, 260, 263, 463, 466, 468, 471, 472, 583, 586, 728
Drechsleri, 351, 354, 355
Drechsleri, 195, 353, 705, 709
Drift, 258, 607
Drosophila, 15, 74, 80, 81, 211, 213
Drosophilidae, 155
Drought, 241, 419, 458
Dryacide, 117
Ductus, 168, 169
Durum, 61, 117, 406
Dynamics, 45, 47, 49, 52, 74, 79, 105, 121, 128, 165, 179, 203, 204, 211, 274, 367, 382, 405, 436, 493, 560, 563, 571, 573, 601, 606, 614, 653, 700, 728, 736, 755
Dysaphis, 213
Dysdercus, 238
- ## E
- Earthworm, 692, 700, 702
Earthworms, 692, 699, 701
ECD, 1, 3, 6, 9, 329, 331, 333, 363, 365, 368, 371
Echiniscidae, 212
Echinochloa, 487, 488, 496
Echioides, 251, 253

- ECI, 1, 3, 6, 9, 329, 331, 333, 363, 365, 368, 371, 463, 465, 470, 475
Eclosion, 126, 611
Ecophysiological, 716
Ecosystem, 2, 232, 236, 237, 382, 437
Ecosystems, 11, 98, 203, 211, 213, 225, 238, 338, 374, 520, 529, 589, 590, 595, 597, 599, 602, 719
Ecotypes, 178
Ectomyeloid, 211, 213
Ectoparasitic, 416
Ectoparasitoids, 164, 202, 337
Ectotherm, 145
Ectotherms, 80
Edaphic, 589, 590, 592, 594, 596, 602, 604
Edephic, 598
Edictorius, 337, 341, 345, 346, 349
Edwardsiana, 204
Efficacies, 195
Efficacy, 7, 30, 35, 80, 113, 118, 128, 233, 234, 257, 259, 261, 265, 297, 298, 313, 319, 385, 432, 515, 516, 571, 578, 586, 617, 620, 622, 627, 630, 641, 655, 656, 658, 660, 662, 664
Efficiencies, 8
Efficiency of conversion of digested food, 1, 3, 5, 329, 331, 332, 363, 365, 367
Efficiency of conversion of ingested food, 1, 3, 5, 331, 332, 363, 365, 367, 463, 465
Efficiency, 1, 3, 5, 17, 29, 46, 53, 81, 88, 97, 117, 178, 179, 233, 235, 329, 333, 363, 367, 369, 391, 448, 463, 465, 467, 474, 506, 533, 535, 538, 563, 564, 567, 568, 570, 572, 601, 611, 627, 641, 715
Efficiently, 685
Efron, 548, 553, 730, 736
Egg, 12, 14, 29, 32, 34, 35, 74, 76, 79, 122, 173, 174, 178, 179, 244, 257, 263, 267, 271, 280, 281, 314, 330, 375, 381, 512, 513, 547, 549, 552, 555, 571, 634, 637, 643, 658, 660, 667, 672, 713, 716, 727, 731, 734, 747, 751
Eggplant, 238, 245, 247, 254, 256, 329, 331, 333, 381, 509, 546, 552, 554, 558, 630
Eggplants, 247, 248, 250
Eggs, 11, 15, 29, 33, 35, 73, 75, 76, 79, 126, 173, 177, 179, 257, 259, 261, 262, 267, 271, 280, 281, 286, 330, 375, 377, 387, 389, 390, 509, 510, 512, 515, 519, 547, 549, 552, 628, 633, 636, 638, 639, 643, 657, 661, 668, 671, 711, 712, 729, 731, 734, 747, 748, 750, 753
Eigenvalue, 221
Elaeagnaceae, 191
Elaeagnifolium, 487, 496
Elaeagnus, 191, 192, 257
Elapsed, 173, 177
Elasmidae, 203
Elasmini, 204
Elasmopalpus, 734, 737
Elateridae, 139
Electrophoresis, 48
Electroantennogram, 129
Electroblotted, 740
Electroelution, 742, 745
Electrolyte, 422, 424, 425
Electron, 131, 133, 136, 255, 744
Electrophoresed, 21, 251, 323, 499
Electrophoresis, 249, 250, 322, 359, 443, 444, 450, 499, 505, 677, 678, 740, 741
Electrospray, 488
Electrospun, 299
Elements, 131, 135, 374, 413, 419, 426, 498, 504, 529, 584, 692, 698, 699
Elevation, 122, 152, 182, 454
Elevations, 395
Elicitation, 29, 30, 32, 34, 36, 38
Elicitor, 93
Elikae, 299
Eliminate, 279, 534
Eliminated, 116, 286, 547
Elimination, 145, 533, 536, 538, 540, 542
Eliopoulos, 272, 274
ELISA, 131, 132, 147, 533, 536, 543, 739, 741, 744
Elliptica, 308
Elliptical, 656
Elm, 131, 146, 155, 257, 259, 261, 263, 314
Emamectin, 231, 235, 237, 265, 515
Embolism, 136
Embryonic, 386, 389, 552
Embryonopsis, 152, 154
Embryophagum, 571
Embryos, 572
Embryotoxicity, 484
Emergence, 13, 82, 97, 98, 126, 128, 129, 152, 174, 176, 257, 259, 264, 292, 321, 326, 385, 390, 435, 490, 510, 547, 605, 606, 608, 611, 614, 627, 655, 657, 659, 661, 712, 729
Empidideicinae, 186
Emulsified, 741
Emulsifier, 114
Encapsulated, 299
Enchytraeidae, 598
Encoded, 676
Encodes, 680, 681, 739
Encoding, 45, 46, 51, 135, 676, 685, 739
Encyclopedia, 473
Encyrtidae, 571
Endemic species, 345, 346
Endogenous, 145, 506, 623, 676
Endolarval, 334

- Endonuclease, 249
Endonucleases, 21
Endoparasitic, 29
Endoparasitoid, 107
Endoparasitoids, 139, 162, 337, 519, 640
Endophyllum, 327
Endophyte, 53, 55, 94, 671, 703
Endophytic, 52, 299, 703
Endopodal, 414
Endospores, 623
Endosulfan, 627, 628
Endosymbionts, 573
Endosymbiotic, 703
Endotoxin, 436
Endotoxins, 432, 438
Enemies, 97, 121, 203, 212, 233, 237, 268, 274, 318, 330, 364, 370, 374, 385, 386, 392, 416, 509, 512, 516, 528, 546, 554, 560, 564, 571, 573, 574, 634, 719, 728
Enemy, 369, 386, 405, 570
Energetics, 8
Energy, 5, 153, 357, 364, 367, 398, 450, 464, 618, 622, 641, 675, 750
Enterobacter, 44, 50, 53
Enterobacterial, 504
Enterococcus, 86
Enterocolitica, 53
Entomopathogenic, 318
Entopharmacology, 662
Entomofauna, 165, 348, 530, 652, 653
Entomogenous, 688
Entomopathogen, 578, 676
Entomopathogenic, 313, 316, 318, 319, 386, 577, 580, 583, 584, 586, 675, 685, 687, 689
Entomopathogenicity, 675, 676
Entomopathogens, 578, 685
Entomopatogenic, 688
Entomophaga, 80, 106, 273, 274
Entomophthora, 386, 391
Entomophthoraceae, 386
Entomophthorale, 386
Enzymatic, 32, 88, 178, 368, 450
Enzyme, 32, 287, 333, 335, 368, 419, 427, 533, 540, 673, 676, 685, 739, 745
Enzymes, 5, 6, 8, 19, 29, 30, 35, 36, 135, 249, 251, 253, 286, 357, 367, 369, 420, 425, 494, 586, 667, 671, 672, 675, 676, 685, 686, 688, 740
Enzymology, 94
Ephedrus, 390, 558
Ephemeral, 574
Ephestia, 80, 515
Ephialtini, 162
Ephydridae, 104
Epicarp, 39
Epicnemial, 649
Epicoccum, 299
Epicuticle, 676, 685
Epicuticles, 675
Epicuticular, 113, 585, 676
Epidemic, 254, 397, 406, 450
Epidemics, 327, 396, 458
Epidermal, 420
Epidermis, 52, 132, 133, 420
Epigenetic, 585, 736
Epimera, 301
Epimeral, 302, 303
Epiphallus, 184
Epiphyllous, 110
Epiphyte, 541
Epiphytes, 51
Epiphytic, 50
Epileuron, 521, 522
Epithelium, 471
Eppendorf, 322, 444, 677
Eradicate, 538
Eradicated, 534
Eradication, 263, 533, 538, 542, 605, 606, 612
Eriocraniidae, 163, 164
Eriophyidae, 594
Eriophyoid, 594
Eriosoma, 391
Erlenmeyer, 314, 619, 668
Erwinia, 44, 46, 50, 52, 55
Erysimi, 15, 16, 570, 571, 573
Erysimum, 7
Erythroseptica, 352
Escape, 279
Escherichia, 249, 299, 739, 740, 744, 746
Esculentum, 7, 37, 509, 515, 671, 701, 702
Esculentus, 169
Esculetus, 7
Essential oil, 86, 92, 94, 116, 118, 190, 193, 195, 238, 360, 463, 472, 663, 700
Ethanol, 87, 88, 92, 132, 158, 182, 200, 302, 443, 487, 490, 492, 493, 520, 534, 558, 590, 644, 657, 677
Ethanollic, 352, 488, 491
Ether, 279, 283, 488, 657
Ethidium, 21, 23, 249, 251, 323, 444, 499, 742
Ethidium, 677
Ethiopian, 160, 341, 345, 646, 647, 650
Ethnopharmacology, 196, 360, 361, 664
Ethylclerodendricin, 662
Ethylene, 61, 427, 699
Etiella, 203
Euandrolaelaps, 589, 591, 604
Eucalyptus, 111, 263, 265, 352, 411, 413, 449

- Euclidean, 221
 Euclidian, 219
 Eugenia, 238
 Eugenol, 471, 473
 Eukaryotic, 447, 744
 Eulophid, 200, 202, 204
 Eulophidae, 105, 106, 200, 201, 203, 205, 513
 Eulophids, 98, 104, 200, 203
 Eulophinae, 201, 204
 Euonymus, 584
 Eupathidium, 413
 Euphorbia, 111, 191
 Euphorbiaceae, 191, 656, 664
 Euphyllaepagus, 571
 Euramericana, 367
 Eurasia, 192, 727
 Eurasian, 53, 212, 245
 Euroasian, 600
 Europaea, 600
 Eurygaster, 211, 214, 571, 676
 Eustigmaeus, 409, 410, 415
 Eustigmeus, 410
 Evanescent, 178
 Evangelista, 94, 516
 Evaporate, 87, 657
 Evaporated, 488
 Evaporating, 421
 Evaporation, 330, 489
 Eviphidoidea, 598
 Évolution, 514
 Evolution, 81, 118, 163, 170, 213, 223, 228, 255, 326, 334, 369, 370, 399, 402, 438, 451, 488, 510, 530, 553, 573, 585, 600, 602, 608, 609, 662, 688, 702, 724, 735
 Evolutionary, 8, 80, 81, 97, 105, 164, 186, 211, 212, 223, 254, 255, 324, 326, 370, 448, 528, 573, 652, 688, 722, 728
 Exogenous, 145, 427
 Exoletum, 754
 Exopeptidase, 686
 Exopolysaccharide, 52, 135
 Exoprosopa, 182, 183, 185
 Exoprosopini, 182
 Exoprosopora, 181, 182, 187
 Exorbitant, 278
 Exoskeleton, 661
 Exotic, 453, 456, 516
 Expression, 60, 79, 81, 82, 217, 218, 370, 398, 432, 436, 585, 675, 676, 678, 690, 728, 739, 742, 744, 745
 Exserohilum, 498, 505, 507
 Extracellular, 45, 135, 668, 673, 676, 687, 736, 745
 Extract, 20, 85, 87, 89, 92, 93, 114, 116, 189, 193, 196, 231, 235, 237, 279, 283, 297, 298, 313, 317, 351, 360, 362, 374, 443, 465, 471, 472, 487, 490, 492, 493, 495, 534, 536, 617, 619, 621, 662, 675, 685, 700, 705, 706, 720, 721, 742, 743
 Extractability, 92
 Extracted, 22, 114, 139, 158, 182, 191, 195, 242, 248, 302, 322, 324, 357, 410, 443, 465, 488, 494, 498, 499, 520, 589, 590, 630, 720
 Extracting, 92, 255
 Extraction, 20, 86, 87, 132, 242, 248, 317, 322, 353, 443, 465, 488, 493, 494, 498, 657, 677, 678, 686, 688, 700, 722, 740, 741
 Extracts, 32, 37, 85, 90, 92, 95, 189, 196, 237, 316, 351, 354, 356, 360, 381, 382, 390, 421, 428, 471, 484, 487, 491, 493, 494, 585, 657, 658, 661, 664, 668, 671, 676, 678, 685, 688, 700, 739, 741, 743
 Extragenic, 498, 504
 Extreme, 73, 80, 81, 209
 Extrudable, 409
 Exudate, 689
 Exudates, 32, 671
 Exuviae, 75, 106
- ## F
- Faba, 13, 217, 224, 564, 739
 Fabaceae, 98, 191, 254, 329, 630
 Fabae, 11, 14, 16, 18, 217, 218, 220, 224, 273, 390, 570, 573, 735
 Fabales, 630
 Fabarum, 390, 558
 Facultative, 280, 282, 284
 Famine, 497
 Fan, 139, 142, 262, 264, 416, 473, 617, 624, 675, 676, 686, 687, 689
 Fang, 688, 689
 Fangii, 325
 FAO, 7, 25, 241, 244, 247, 254, 277, 287, 317, 633, 640, 663
 FAOstat, 244, 254, 640
 Farm, 61, 181, 232, 244, 317, 454, 461, 513, 655, 662, 686
 Farmer, 455, 461, 513
 Farmers, 232, 244, 278, 420, 432, 437, 438, 454, 458, 461, 478, 513, 633, 640, 655, 656, 662
 Farming, 61, 217, 218, 232, 431, 510, 662, 701, 754
 Farmlands, 560
 Farms, 59, 60, 310, 601, 602
 Fatty, 685, 686, 689
 Fauna, 97, 99, 157, 163, 165, 167, 181, 182, 185, 201, 212, 213, 225, 228, 236, 301, 302, 310, 337, 339, 341, 345, 348, 409, 410, 412, 414, 416, 418,

- 519, 520, 528, 530, 560, 589, 590, 594, 602, 643, 644, 650, 651, 653
Faunal, 105, 165, 650
Faunasi, 596
Faunistic, 181, 182, 184, 186, 212, 225, 302, 368, 415, 417, 514, 515, 529, 596, 600, 601
Fecal, 331
Feces, 2, 3, 5, 85, 330, 332, 712
Fecundity, 5, 11, 16, 73, 74, 76, 78, 79, 81, 82, 174, 176, 213, 267, 269, 272, 274, 333, 335, 386, 387, 391, 392, 512, 546, 547, 552, 555, 579, 583, 586, 627, 633, 640, 716, 729, 731, 733, 735
Feed, 1, 2, 12, 146, 152, 167, 181, 241, 257, 273, 280, 352, 363, 368, 389, 409, 453, 464, 474, 509, 528, 560, 655, 747, 755
Feedback, 363, 432, 686
Feeding, 1, 3, 5, 6, 11, 13, 17, 20, 75, 114, 131, 145, 149, 152, 154, 167, 208, 218, 225, 231, 236, 241, 257, 258, 263, 265, 267, 269, 272, 273, 275, 330, 331, 334, 335, 363, 365, 367, 369, 391, 463, 465, 467, 468, 470, 471, 473, 546, 552, 555, 563, 572, 606, 635, 661, 667, 711, 717
Femora, 341
Femur, 99, 101, 102, 410, 411, 414, 520, 523, 526, 645
Femura, 412, 415
Femuræ, 521
Fermentase, 677
Fermentation, 622, 624
Fermentations, 622
Fern, 557, 558
Fertility, 13, 52, 53, 74, 274, 352, 382, 386, 554, 585, 614, 634, 639, 702, 737, 754
Fertilization, 259, 360, 701
Fertilized, 79
Fertilizer, 232, 359, 381, 427, 459, 558, 691, 692, 694, 696, 698, 700, 702, 704
Fertilizers, 232, 454, 691, 693, 697, 701
Ferulago, 374, 380
Ferulic, 355, 357, 358
Festuca, 324
Filter, 20, 32, 45, 87, 248, 353, 489, 491, 493, 498, 520, 579, 628, 657, 668, 677, 678, 720
Filtered, 20, 32, 87, 314, 353, 443, 455, 488, 499
Filtrate, 45, 46, 381, 667, 669, 672
Filtrates, 87, 657, 667, 673
Filtration, 317, 353, 498, 678
First record, 39, 69, 139, 140, 142, 163, 167, 168, 170, 186, 223, 225, 226, 228, 411, 415, 527, 652, 719, 720, 722, 724, 726
First report, 25, 39, 107, 110, 131, 132, 163, 165, 254, 326, 347, 505, 557, 558, 560, 651, 652, 708, 719, 724
Fix, 217, 699
Fixation, 136
Fixed, 132, 236, 433, 455, 549, 590, 699
Flagellar, 99, 101, 102, 140, 160, 649
Flagellomere, 182, 185
Flagellomeres, 160, 182, 649
Flagellum, 140, 520, 522, 526
Flavescens, 630
Flavi, 352
Flavipes, 104
Flavonoid, 85, 238, 420, 426, 488, 661
Flavonoids, 85, 94
Flavonoids, 87, 89, 93, 193, 194, 236, 352, 487, 495
Flavonol, 195, 425
Flavoviride, 318
Flavoxanthin, 193
Flavus, 40, 44, 54, 352, 359, 360, 737
Fleas, 600
Flora, 189, 194, 495, 529, 598
Floral, 506
Floriculture, 533
Flourescens, 51
Flow, 113, 135, 207, 211, 213, 257, 263, 382, 447, 488, 534
Flower, 191, 193, 249, 250, 329, 533, 627, 632, 656
Flowering, 135, 163, 167, 454, 540, 699, 701
Flowers, 69, 70, 181, 192, 193, 195, 247, 329, 533, 557, 656, 691, 701
Flows, 132
Fluconazole, 297, 298
Fluctuated, 73, 76
Fluctuating, 74
Fluctuation, 123, 125, 128, 382, 510, 512, 514, 516, 623
Fluctuations, 121, 124, 125, 260, 510, 728, 735
Fludioxonil, 459
Fluid, 152, 410
Fluids, 145, 152
Fluorescence, 88
Fluorescens, 37, 50, 54, 373, 374, 376, 381, 383, 384, 459, 623
Fluorescent, 37, 47, 51, 53, 54, 136, 375, 376, 383, 535
Foeniculum, 699, 701
Foetida, 59, 66, 68
Foetidus, 299
Fold, 93, 124, 248, 432, 457, 623, 628, 729
Folded, 528
Folding, 742
Folds, 278, 457
Folia, 369, 597, 603
Foliage, 7, 75, 369, 410, 420, 488, 497, 513, 586, 595
Foliar, 231, 233, 249, 357, 420, 432, 437, 453, 454, 459, 477, 479, 481, 483, 497, 700, 702, 739
Foraging, 275, 516, 571, 574
Forcipiform, 414

- Forecast, 121, 122, 126, 127
Forecasting, 121, 123, 129, 612, 614
Forest, 154, 179, 225, 254, 264, 265, 318, 363, 368, 370, 373, 374, 376, 484, 590, 594, 596, 597, 600, 602, 613, 614, 631, 712, 717
Forestry, 264, 265, 405, 407, 472, 473, 700, 711
Forests, 314, 317, 318, 373, 382, 520, 589, 594, 597, 598, 600, 601, 711, 712
Forewing, 161, 201, 226, 343, 645, 648, 649
Forewings, 69, 160
Forficatus, 139
Formaldehyde, 2, 692
Formamide, 720
Formicidae, 597
Forming, 49, 87, 131, 132, 184, 385, 412, 618, 620
Formosan, 554
Formosanus, 200
Formosus, 182, 184
Formula, 31, 45, 60, 175, 192, 233, 260, 302, 303, 314, 433, 444, 465, 499, 547, 579, 628, 634, 657, 678
Formulae, 3, 175, 331, 365, 410, 414
Formulated, 113, 472, 621, 623
Formulating, 621
Formulation, 37, 93, 113, 115, 117, 295, 298, 318, 319, 352, 357, 484, 578, 617, 624, 629, 631, 687
Formulations, 113, 114, 116, 117, 382, 617, 619, 624, 627, 628
Fossils, 69
Fraction, 88, 89, 92, 93, 195, 360, 443, 487, 490, 492, 688, 745
Fractionation, 85, 194
Fractions, 88, 89, 93, 189, 194, 231, 234, 236, 287, 474, 488, 490, 492
Fragment, 41, 46, 247, 249, 251, 450, 492, 506, 536, 677, 741
Fragmenta, 106
Fragments, 21, 250, 253, 441, 444, 445, 493, 499, 500, 720
Frass, 280, 365, 368
Frasses, 365
Fraternus, 655, 662, 665
Fraxinus, 263, 264
Freeze intolerant, 145, 152
Freeze, 145, 146, 152, 155, 498, 741
Freezer, 139, 278, 279, 455
Frequencies, 66
Frequency, 65, 105, 147, 149, 151, 403, 407, 444, 503, 613
Frons, 160, 182, 185, 340, 520
Frontal, 154, 342, 344, 523, 526, 645, 649
Fronto, 100, 102
Fructose, 622
Frugiperda, 7, 369
Fruit, 19, 25, 39, 41, 53, 55, 81, 82, 122, 126, 128, 154, 165, 173, 174, 178, 191, 212, 238, 247, 249, 254, 257, 267, 273, 275, 385, 416, 420, 427, 449, 515, 520, 557, 560, 573, 614, 617, 620, 624, 663, 701, 708, 744
Fruiting, 233, 442
Fruits, 39, 50, 54, 86, 92, 95, 167, 233, 238, 268, 385, 420, 495, 513, 617, 618, 620, 623
Frutescens, 329, 330
Fumaria, 191
Fumigant, 463, 472, 474
Fumigated, 692
Fumigation, 351, 359, 464, 474
Fumigatus, 504, 507
Fumonisin, 459
Fumonisin, 460
Fumoso-rosea, 316
Fumoso-roseus, 316, 317
Function, 7, 82, 136, 369, 538, 583, 611, 623, 686, 701, 716, 747, 750, 755
Functional, 153, 155, 179, 386, 390, 425, 426, 563, 564, 566, 568, 570, 574, 595
Functioning, 79
Functions, 79, 93, 583, 606, 736
Fungal, 39, 41, 43, 44, 53, 55, 109, 189, 190, 192, 194, 222, 291, 294, 296, 297, 299, 301, 313, 314, 316, 318, 321, 327, 351, 354, 356, 357, 359, 381, 382, 391, 409, 420, 422, 424, 432, 434, 442, 453, 455, 477, 482, 484, 498, 499, 505, 506, 509, 510, 577, 579, 583, 584, 586, 606, 617, 667, 673, 675, 680, 682, 685, 689, 692, 702, 719, 721, 723, 725, 727, 735
Fungi, 31, 37, 51, 54, 60, 62, 67, 93, 95, 109, 111, 145, 189, 190, 192, 195, 241, 291, 299, 301, 313, 318, 319, 324, 327, 351, 354, 357, 359, 361, 373, 376, 386, 399, 405, 406, 420, 441, 447, 450, 498, 505, 577, 578, 583, 585, 602, 662, 667, 673, 675, 677, 685, 687, 689, 691, 693, 694, 699, 702, 727
Fungicidal, 37, 194, 299, 357, 374, 479
Fungicide, 45, 51, 291, 292, 297, 298, 351, 357, 395, 397, 398, 405, 454, 459, 477, 480, 482, 484, 535
Fungicides, 45, 55, 59, 60, 65, 189, 190, 291, 296, 351, 352, 359, 396, 420, 442, 459, 460, 477, 483, 617, 623
Fungitoxic, 190, 420, 425
Fungitoxicant, 94
Fungus, 29, 32, 35, 37, 43, 55, 59, 62, 65, 109, 111, 155, 189, 190, 192, 291, 292, 294, 296, 299, 316, 319, 325, 326, 351, 353, 354, 356, 357, 375, 376, 381, 382, 421, 425, 426, 428, 442, 448, 453, 455, 577, 584, 586, 669, 671, 673, 675, 676, 678, 687, 689, 691, 693, 702, 703, 720, 721, 723
Funicles, 200
Funicular, 201

Furaldehyde, 484
Furca, 184, 185
Fusarium, 29, 32, 35, 38, 44, 54, 189, 191, 193, 197, 298, 316, 318, 351, 353, 360, 362, 381, 424, 436, 453, 460, 498, 504, 506, 668, 672, 705, 725
Fusicladium, 111
Fusiform, 110, 147, 302, 303, 306, 308
Fusiformly, 302
Fusion, 744

G

Gaeolaelaps, 589, 592, 595, 599, 601, 602, 604
Gaeumannomyces, 351, 353, 381
Galic, 357
Gall, 30, 32, 85, 89, 154, 204, 243, 373, 378
Galls, 29, 35, 87, 89, 241, 244, 373, 376, 377
Gamasellodes, 589, 590, 602, 604
Gamasid, 594, 596, 597, 600, 602
Gamasida, 597, 598, 602
Gamasides, 594
Gamasina, 589, 595, 599, 602
Gamma, 463, 474, 633, 634, 639, 641
Garden, 691, 694, 696, 698
Gardner, 179, 451
Gaumanomyces, 362
Gel, 21, 23, 41, 48, 87, 249, 251, 323, 443, 444, 478, 488, 499, 501, 505, 677, 679, 740, 742
Gelanes, 164
Gelatin, 47, 375, 668
Gelatinous, 37
Gelechiidae, 145, 146, 156, 509, 514, 517, 735
Geminivirus, 540
Gemmatilis, 7, 369
Genbank, 40, 247, 251, 252, 323, 680, 681
Gender, 177
Gene, 25, 41, 48, 51, 60, 62, 65, 66, 81, 135, 207, 211, 213, 223, 248, 253, 255, 321, 322, 325, 327, 396, 399, 402, 405, 407, 432, 442, 447, 533, 540, 585, 634, 675, 676, 678, 681, 685, 689, 720, 722, 739, 742, 745
Genera, 50, 51, 69, 70, 82, 97, 98, 104, 106, 107, 109, 111, 157, 159, 163, 165, 167, 181, 182, 186, 200, 203, 301, 302, 306, 309, 310, 325, 337, 339, 409, 417, 441, 448, 498, 506, 519, 520, 527, 530, 589, 590, 594, 598, 600, 602, 643, 650, 653
Generalist, 11, 235, 237, 334, 688
Generate, 500, 505, 685, 730, 750
Generated, 3, 249, 441, 444, 445, 447, 449, 505, 607, 750
Generates, 504
Generation, 74, 123, 126, 128, 269, 270, 272, 387, 388, 428, 438, 545, 547, 550, 552, 564, 579, 580, 606, 611, 614, 624, 627, 633, 727, 729, 731, 734, 747
Generations, 12, 123, 126, 128, 146, 174, 268, 330, 473, 511, 512, 547, 606, 609, 611, 634, 747
Genes, 170
Generic, 16, 69, 70, 167
Genes, 24, 25, 37, 41, 45, 46, 54, 59, 62, 64, 67, 322, 325, 327, 396, 399, 402, 403, 405, 407, 540, 634, 675, 676, 678, 680, 682, 684, 690, 720, 722, 725
Genetic, 19, 25, 60, 65, 95, 190, 207, 211, 217, 218, 223, 285, 324, 325, 406, 441, 442, 444, 446, 452, 497, 498, 500, 504, 507, 573, 633, 639, 640, 662, 663, 716, 717, 739
Genetical, 736
Genetically, 432, 437, 639, 641
Genetics, 65, 66, 81, 82, 95, 195, 223, 255, 288, 321, 370, 406, 407, 450, 451, 688, 689, 707
Geniculate, 307, 500
Genital, 168, 185, 226, 227, 301, 306, 412, 413, 464
Genitalia, 167, 170, 185, 208, 213, 226
Gennadius, 74, 231, 239, 584
Genome, 21, 321, 326, 447, 451, 535
Genomes, 25, 26, 498, 504, 505, 507
Genomic, 321, 322, 324, 442, 448, 451, 498, 499, 506, 720
Genomics, 56, 720, 721
Genotoxic, 464, 630
Genotype, 61, 62, 65, 217, 219, 222, 232, 279, 281, 283, 287, 396, 400, 454, 456, 458, 555, 633, 639
Genotypes, 23, 36, 37, 43, 59, 61, 66, 217, 222, 277, 286, 395, 396, 398, 402, 404, 406, 408, 442, 453, 456, 458, 460, 474, 552, 555, 572, 633, 641, 715
Genotypic, 499, 633
Genotyping, 450
Genstat, 242, 479
Gentile, 755
Geographic, 211, 214, 302, 453, 503, 505, 528, 614, 748, 754
Geographical, 69, 73, 139, 176, 207, 208, 211, 213, 223, 225, 226, 254, 273, 345, 374, 448, 505, 614, 650, 677, 748
Geographically, 207, 211, 226, 606
Geology, 286, 754
Geomatics, 605
Geometric, 207, 208, 210, 214
Geometridae, 340
Geometry, 207, 209
Geophysical, 613
Geophytes, 542
Georgopoulos, 291, 298
Geospatial, 614

- Geostatistical, 748, 750
Geostatistics, 747, 748, 754, 755
Germination, 30, 52, 53, 60, 61, 63, 114, 297, 318, 319, 357, 360, 420, 479, 488, 491, 493, 495, 498, 585, 623, 656, 687
Germlines, 80, 360
Germplasm, 25, 359, 361, 405, 438, 506
Gibberella, 456, 458, 461
Gibberellins, 699
Gibberllic, 534
Glabellula, 184, 186
Glabellulinae, 186
Glabra, 190, 374, 380
Glabratum, 7
Glabripennis, 262, 263, 265
Glacial, 658
Gladioli, 541
Gladiolus, 533, 536, 538, 543
Glasshouse, 86, 292, 374, 427
Glasshouses, 98
Globular, 135, 168, 306, 307, 656
Gloeosporioides, 352, 359, 483, 484, 505, 507
Glomeromycota, 692, 702
Glomerular, 656
Glucan, 624
Glucanases, 36, 135
Glucose, 443, 622
Glucoside, 487, 488, 492, 494
Glucosides, 488, 495
Glucosinolates, 7, 360
Glutamate, 86
Glutamic, 86
Glutathione, 426
Glutinis, 193
Glycaspis, 263, 265
Glyceraldehyde, 736
Glycerine, 728
Glycerol, 455, 619
Glycine, 43, 222, 740
Glycines, 15, 222, 574, 671, 672
Glycoalkaloid, 494
Glycoalkaloids, 488
Glycone, 658
Glycoside, 494, 658, 691
Glycosides, 193, 238, 660, 661, 691, 700, 702
Glycosylation, 495
Glycyrrhiza, 190, 374, 380
Glyphosate, 494
Gnathosoma, 410
Gnathosomal, 409
Gnorimoschema, 516
Gongylodes, 74
Gonopore, 226
Goscogene, 398, 401
Gossypiella, 431
Gossypii, 11, 16, 18, 231, 239, 272, 275, 389, 391, 435, 570, 574, 583, 585, 586, 737
Gossypina, 435
Gossypioides, 169
Gossypium, 169, 432, 554, 725
Gossypol, 8
Gossypyii, 14
Grain, 82, 113, 114, 116, 118, 212, 219, 277, 289, 334, 359, 360, 396, 406, 453, 458, 463, 464, 473, 474, 497, 572, 602, 623, 655, 662, 663, 672
Grained, 285
Grains, 46, 59, 113, 114, 116, 117, 217, 219, 222, 277, 282, 284, 287, 292, 325, 453, 455, 458, 459, 463, 655, 657, 660, 662
Gram, 5, 7, 8, 36, 47, 131, 132, 193, 260, 357, 375
Gramineae, 277
Graminearum, 453, 455, 459, 461
Gramineous, 425
Graminicolous, 507
Graminis, 321, 326, 328, 351, 353, 356, 362, 381, 395
Graminum, 570
Granarium, 79
Granarius, 116, 118, 154
Grandiflora, 191
Grandis, 191, 571
Granular, 482, 624
Granulated, 168
Granulose, 226
Grapes, 131, 605, 614
Grapevine, 55, 131, 596, 605, 611, 614
Grapevines, 41, 131, 135, 136, 262, 264, 412, 606
Grasshoppers, 318
Grasslands, 225, 228, 529, 560
Greenhouse, 29, 32, 35, 37, 44, 48, 52, 75, 106, 222, 248, 267, 291, 292, 294, 297, 322, 325, 373, 375, 377, 379, 392, 403, 420, 426, 497, 499, 505, 509, 514, 516, 534, 536, 545, 552, 555, 578, 585, 586, 601, 630, 631, 633, 634, 637, 638, 668, 692, 694, 696, 705, 708
Greenhouses, 509, 545, 546, 555, 627, 628, 631
Greening, 20, 24, 25, 265
Greenish, 39
Gymnolaelaps, 589, 593, 598, 604
- ## H
- Habit, 661
Habitat, 194, 516, 528, 578, 595, 603, 712
Habitats, 158, 207, 334, 346, 409, 415, 558, 574, 589, 590, 594

- Habitats, 601
Habits, 17
Habitus, 100, 102, 103, 141
Habrobracon, 153
Haemocyte, 735
Haemocytometer, 30, 31, 499
Haemolaelaps, 589, 590, 592, 594, 604
Haemolymph, 155, 689
Handling time, 563, 567, 568, 570
Haplodiploid, 627
Haploentomological, 392
Haplophyllum, 189, 191, 192, 194, 197
Haplotypes, 497, 500, 503
Harazianum, 35
Hardening, 74, 81, 82, 154, 155, 535, 702
Hardiness, 146, 152, 155, 614
Haritalodes, 167, 171
Harizanum, 623
Harmful, 74, 190, 378, 472, 606, 656
Harmfulness, 370
Harmless, 190
Harmonia, 273, 275, 737
Harvest, 54, 123, 125, 146, 195, 219, 233, 242, 277, 284, 286, 288, 383, 421, 455, 459, 484, 606, 617, 623, 624, 655, 662, 663, 692
Harvestable, 61
Harvested, 12, 46, 52, 86, 146, 242, 292, 314, 421, 454, 455, 498, 578, 619, 620, 678
Harvesting, 317, 735
Harzianum, 29, 38, 291, 294, 296, 297, 300, 378, 381, 383, 459, 460, 623
Hatch, 12, 30, 35, 74, 379, 381, 513, 635, 655, 660, 669, 670, 672, 711, 729
Hatchability, 14
Hatched, 12, 14, 79, 262, 269, 271, 375, 669, 712, 729
Hatching, 12, 35, 79, 257, 263, 267, 269, 271, 364, 375, 376, 380, 381, 667, 673, 729
Hazardous, 483
Hazards, 65, 93, 173, 232, 278, 453, 719
Healing, 656
Heat, 73, 82, 121, 122, 127, 129, 534, 536, 538, 540, 611, 612, 740, 750
Heating, 54
Heatmicrobial, 623
Heiracaricidal, 195
Heliantheae, 719
Helicases, 288
Helichrysi, 222
Helicoverpa, 1, 4, 9, 15, 74, 81, 173, 174, 180, 211, 213, 334, 335, 369, 431, 554, 641, 650, 653
Heliiothis, 2, 7, 8, 553, 586
Helminthological, 244
Helminthosporium, 506, 507
Heloridae, 142
Hemerobiidae, 16
Hemerocallidis, 325
Hemiptarsenus, 107, 200, 202, 203, 205
Hemiptera, 74, 154, 203, 214, 223, 225, 227, 229, 258, 267, 272, 274, 275, 385, 390, 391, 393, 513, 560, 563, 571, 575, 584, 586, 631, 678, 685, 735, 737, 747
Hemipteran, 514
Hemipteres, 70
Hemisphere, 228, 528
Hemlock, 264
Hemocytometer, 314, 375, 455, 619, 678
Hemolymph, 678, 686, 689
Herba, 493, 494
Herbaceous, 254, 560
Herbaceum, 169, 432
Herbarium, 191
Herbicide, 357, 487, 488, 490, 494, 496
Herbicides, 487, 495
Herbicola, 44, 46, 52, 54
Herbivore, 335, 363, 367, 368, 370, 554, 633, 636, 640, 663, 712, 717
Herbivores, 80, 212, 225, 330, 334, 364, 370, 516, 634, 640, 661, 711
Herbivorous, 2, 82, 370, 553, 640, 716
Herbivory, 80, 370
Herbs, 225, 254
Heredity, 213
Heteranthera, 558, 560
Heterischnus, 157, 159, 161, 163, 166, 337, 341, 345, 346, 349
Heterodera, 668, 671, 672
Heteroecious, 557
Heterogeneity, 442, 451, 513, 687
Heterogenous, 516
Heterokayosis, 507
Heteroptera, 227, 571, 586, 736
Heterosa, 307
Hexachlorobenzene, 60
Hexaconazole, 478, 484
Hexagonal, 281
Hexane, 87, 88, 487, 488, 491, 492, 657
Hibernation, 154
Hibiscus, 167, 169, 171, 275
Hickory, 594, 596
Hindi, 299
Hindiii, 740, 741
Hindwing, 649
Hippodamia, 152, 155, 207, 212, 213, 215
Hiradate, 492, 495
Histolysis, 471
Histopathology, 25

- Holling, 390, 391, 564, 572
Holocyclic, 557
Holometabolous, 337
Homeostasis, 728
Homoeocarpa, 484
Homogalacturonans, 135
Homogenate, 32
Homogeneity, 443
Homogenize, 510
Homogenized, 32
Homogenous, 657
Homoglossum, 542
Homologies, 249
Homologous, 208, 687, 743
Homologue, 687
Homologues, 736
Homology, 247, 249, 251, 254
Homophthalmae, 181
Homoptera, 16, 212, 227, 228, 263, 273, 274, 390, 392, 555, 559, 571, 572, 584, 586, 735, 736
Homopteres, 228
Homoscedasticity, 750
Homotropus, 157, 159, 166, 643, 647, 652, 654
Honey, 12, 75, 233, 237, 330, 386, 387, 389, 553, 564, 728
Honeybee, 727
Honeydew, 222, 385, 389, 586
Hormonal, 661
Hormone, 586, 702
Hormones, 539, 699
Horticultural, 37, 127, 238, 359, 361, 382, 442, 450, 473, 533, 540, 541, 553, 627, 631, 672, 700, 708
Horticulture, 56, 238, 419, 426, 494, 533, 541, 700, 702, 707
Host association, 97, 98, 163, 346, 573, 650
Host, 1, 2, 5, 8, 16, 24, 43, 51, 53, 59, 60, 63, 66, 71, 73, 75, 86, 97, 98, 104, 105, 109, 131, 135, 154, 157, 163, 168, 169, 174, 178, 186, 190, 200, 202, 204, 208, 211, 214, 228, 236, 241, 247, 254, 257, 259, 265, 267, 268, 273, 274, 288, 296, 314, 322, 329, 336, 346, 363, 370, 385, 391, 395, 396, 398, 424, 435, 448, 453, 454, 509, 516, 519, 545, 546, 548, 549, 552, 555, 557, 560, 563, 564, 566, 568, 574, 577, 578, 583, 586, 606, 611, 633, 634, 639, 641, 643, 650, 652, 673, 675, 676, 685, 687, 689, 692, 707, 708, 711, 713, 715, 717, 724, 725, 727, 735, 737, 739
Hosted, 437, 438
Hosts, 17, 23, 26, 43, 44, 106, 170, 190, 200, 225, 254, 263, 313, 321, 324, 326, 337, 357, 389, 391, 448, 510, 519, 529, 552, 553, 557, 564, 566, 570, 571, 614, 635, 639, 667, 676, 685, 687, 716, 717, 739
HPLC, 93, 195, 351, 353, 355, 356, 358, 491, 493, 495
hsp, 81, 687
Humanities, 602
Humans, 189, 190, 458, 656, 728
Humic, 700
Humid, 139, 152, 454, 528
Humidity, 1, 13, 86, 114, 218, 248, 259, 267, 376, 386, 389, 398, 499, 509, 535, 564, 606, 628, 675, 677, 692, 728
Humus, 301, 410, 414
Hyaline, 40, 110, 201, 411, 721
Hyalopterus, 273
Hybrid, 4, 6, 25, 278, 281, 437, 542, 639, 705, 706
Hybridization, 326, 447
Hybrids, 1, 6, 8, 25, 334, 431, 434, 436, 460, 541, 706
Hybrizontinae, 652
Hydraulic, 260, 450
Hydrellia, 104
Hydroalcoholic, 86
Hydrocarbon, 688
Hydrochloric, 658
Hydrochloride, 196
Hydrocyanic, 236
Hydrodistillation, 465
Hydrodistilled, 465
Hydrology, 613
Hydrolysis, 375, 673
Hydrolytic, 671, 685
Hydrolyze, 668
Hydrolyzed, 622
Hydrolyzes, 668
Hydrophilic, 676
Hydroponic, 419, 547
Hydroponically, 12
Hydroxyethyl, 427
Hydroxylase, 689
Hydroxylation, 676
Hygrophila, 76, 82
Hymenoptera, 80, 97, 98, 105, 107, 139, 142, 143, 153, 157, 163, 165, 202, 205, 258, 334, 337, 347, 348, 385, 386, 390, 393, 435, 513, 514, 519, 529, 531, 554, 555, 559, 560, 563, 571, 575, 585, 643, 651, 653, 735
Hymenopteran, 105
Hymenopterous, 164, 572
Hymmenoptera, 571
Hyperparasitism, 44
Hyperparasitoid, 163, 165, 339
Hyperparasitoids, 202
Hypersensitive, 396, 398
Hypersensitivity, 47
Hypertension, 656, 691
Hypervariability, 451
Hypervariable, 442

- Hyphae, 376, 424, 676, 685
 Hyphal, 36, 319
 Hyphenated, 352
 Hyphomycet, 585
 Hyphomycete, 318
 Hyphomycetes, 111, 318, 506, 585, 724
 Hyphomycetous, 687
 Hypoaspidinae, 602
 Hypoaspis, 602
 Hypochlorite, 61, 375, 489, 498, 668, 677
 Hypocotyls, 489
 Hypocreales, 577
 Hypoglycemic, 662
 Hypolipidemic, 662
 Hypophyllanthin, 661
 Hypopygium, 340
 Hypostomal, 520
 Hysterophorus, 719, 722, 724, 726
 Hysterosoma, 413
 Hysterosomal, 412
 Hystersomal, 413
- I**
- Ichenumonoidea, 519
 Ichneumon, 164, 529, 530, 643, 647, 650, 654
 Ichneumonid, 164, 165, 337, 338, 347, 348, 529, 530, 643, 652, 653
 Ichneumonidae, 157, 160, 162, 166, 202, 337, 347, 349, 519, 528, 531, 643, 644, 646, 648, 650, 654
 Ichneumonids, 157, 163, 643
 Ichneumoninae, 157, 160, 163, 164, 166, 337, 340, 342, 344, 349, 643, 647, 651, 652, 654
 Ichneumonini, 160, 647
 Ichneumonmetopiinae, 530
 Ichneumonoid, 652
 Ichneumonoidea, 98, 107, 163, 165, 339, 347, 348, 529, 530, 643, 651, 654
 Ichneumonid, 346
 Idiobiont, 337
 Idiosoma, 410, 412
 Idiosomal, 410
 Imidacloprid, 257, 265, 577, 586, 627, 629
 Imidazole, 299, 740
 Immature, 2, 73, 75, 233, 270, 275, 278, 335, 370, 483, 484, 509, 511, 528, 545, 548, 549, 555, 734, 736, 737
 Immatures, 509, 516
 Immediately, 13, 132, 192, 223, 258, 421, 464, 678
 Immersion, 498
 Immigrated, 237
 Immigration, 126
 Immobilize, 135, 147
 Immune responses, 728
 Immune, 727, 728
 Immunity, 403, 538, 736
 Immunity, 403, 538, 736
 Immunization, 739, 742, 744
 Immunizations, 741
 Immuno, 744
 Immunodiagnosis, 745
 Immunogold, 744
 Immunology, 735
 Immunosorbent, 533, 540, 739
 Improvement, 2, 51, 61, 241, 321, 322, 373, 395, 405, 419, 424, 436, 438, 450, 451, 578, 584, 641, 702
in vitro, 29, 30, 35, 43, 47, 51, 53, 85, 88, 94, 191, 193, 196, 287, 291, 292, 297, 299, 319, 353, 356, 357, 360, 383, 477, 479, 483, 485, 533, 536, 539, 542, 553, 663, 672, 673, 687, 689, 721, 722, 744
in vivo, 46, 47, 52, 85, 87, 88, 93, 189, 194, 196, 197, 292, 296, 297, 299, 357, 360, 477, 485, 688, 735, 744
 Inbred, 288
 Inbreds, 460
 Incidence, 7, 29, 30, 32, 34, 35, 44, 59, 248, 255, 360, 427, 431, 433, 436, 453, 455, 457, 459, 482, 707
 Incubated, 31, 44, 46, 85, 87, 192, 292, 314, 322, 353, 375, 386, 443, 478, 479, 498, 535, 618, 619, 622, 669, 677, 679, 706, 720, 721, 740, 741
 Incubating, 498
 Incubation, 12, 13, 15, 31, 40, 76, 77, 79, 85, 88, 90, 269, 272, 294, 296, 353, 356, 479, 480, 489, 552, 618, 620, 669, 670, 677, 721
 Incubator, 30, 61, 268, 420
 Incubators, 114
 Inculcator, 337, 339, 345, 346, 349, 643, 646, 650, 654
 Index, 1, 3, 5, 87, 88, 92, 191, 219, 222, 243, 367, 368, 421, 422, 433, 435, 444, 448, 455, 457, 463, 465, 467, 479, 499, 504, 612, 640, 691, 693, 694, 711, 714, 716
 Indicus, 570, 573
 Indigenous, 36, 513, 514, 572, 656
 Indole, 47
 Indolyl, 740
 Induce, 29, 35, 36, 94, 147, 153, 154, 385, 498, 536, 685
 Induced, 24, 36, 81, 82, 86, 89, 136, 145, 164, 195, 369, 419, 421, 426, 428, 450, 468, 540, 573, 583, 586, 633, 640, 641, 685, 686, 739, 743
 Induces, 89, 93, 374
 Inducible, 223
 Inducing, 247, 249, 258, 538
 Induction, 29, 30, 35, 37, 79, 80, 150, 152, 472, 495, 634, 675, 686, 740, 742
 Infect, 59, 66, 131, 190, 313, 321, 533, 577, 728

- Infected, 19, 23, 30, 36, 43, 52, 59, 62, 87, 131, 133, 136, 248, 255, 258, 297, 375, 377, 378, 419, 422, 424, 426, 442, 450, 455, 459, 478, 482, 499, 506, 533, 536, 539, 580, 581, 583, 668, 705, 706, 720, 739, 741, 745
- Infecting, 20, 65, 223, 245, 255, 373, 381, 745
- Infection, 20, 24, 30, 32, 35, 36, 62, 65, 66, 241, 247, 325, 395, 404, 419, 425, 453, 454, 458, 460, 477, 479, 482, 483, 534, 535, 541, 572, 584, 585, 606, 687, 706, 721, 722, 727, 728, 735, 737
- Infections, 22, 23, 39, 55, 61, 132, 352, 398, 478, 535, 656, 727
- Infectious, 744
- Infective, 737
- Infectoria, 711, 713, 715, 716, 718
- Infectorian, 712
- Infects, 59, 189, 739
- Inference, 217, 274
- Inferences, 212
- Infest, 557
- Infestans, 81, 211, 214
- Infestation, 118, 195, 217, 222, 231, 236, 277, 278, 280, 289, 375, 431, 436, 509, 512, 657, 662, 720, 721
- Infestations, 113, 114, 117, 257, 329, 634, 641
- Infested, 30, 52, 97, 98, 167, 218, 221, 222, 231, 257, 259, 263, 265, 268, 279, 289, 364, 463, 472, 509, 547, 577, 579, 580, 594, 660
- Infesting, 8, 262, 264, 278, 285, 390, 515, 656, 755
- Infests, 577
- Infinity, 552, 729
- Inflammation, 193
- Inflammatory, 86, 95, 193, 352, 360
- Ingested, 1, 3, 5, 329, 331, 333, 363, 365, 367, 463, 465, 467
- Ingestion, 155, 330
- Ingestive, 577
- Inheritance, 406, 458
- Inhibition, 52
- Inhibit, 35, 88, 190, 297, 352, 356, 493, 534, 555, 668
- Inhibition, 359, 360
- Inhibited, 32, 46, 47, 93, 291, 293, 294, 296, 297, 356, 357, 377, 425, 488, 490, 660, 671
- Inhibiting, 43, 258, 286, 420, 538, 661, 662
- Inhibition, 29, 31, 33, 35, 44, 45, 47, 54, 79, 88, 89, 189, 192, 263, 291, 294, 296, 297, 351, 357, 360, 379, 381, 382, 471, 477, 480, 483, 484, 490, 492, 493, 495, 670
- Inhibitions, 294, 296, 478
- Inhibitor, 8, 88, 258, 277, 279, 283, 284, 286, 493
- Inhibitors, 258, 286, 288, 357, 359, 368, 425
- Inhibitory, 56, 85, 88, 90, 92, 189, 190, 192, 195, 294, 296, 351, 354, 356, 378, 477, 480, 482, 484, 488, 490, 685
- Inhibits, 51, 494, 668
- Injectable, 258
- Injected, 31, 87, 260, 261, 263, 265, 353, 455, 741
- Injecting, 263
- Injection, 257, 261, 263, 265, 353, 356, 728, 741
- Injections, 260, 261, 263, 264, 741
- Injector, 260
- Inocula, 85, 87, 292, 382, 671, 705
- Inoculate, 455, 678
- Inoculated, 30, 32, 46, 47, 51, 52, 59, 61, 85, 87, 89, 152, 248, 250, 292, 314, 322, 373, 375, 377, 379, 381, 419, 421, 455, 477, 479, 483, 499, 618, 620, 622, 623, 678, 691, 695, 697, 699, 705, 707, 721, 740
- Inoculating, 397
- Inoculation, 29, 31, 32, 35, 52, 61, 86, 87, 247, 249, 253, 294, 314, 315, 322, 376, 397, 398, 420, 422, 454, 455, 460, 477, 483, 497, 504, 535, 536, 620, 624, 668, 691, 699, 702, 705, 706, 721, 723
- Inoculations, 32, 61, 87, 484, 693
- Inoculative, 146, 150, 153, 155
- Inoculum, 55, 61, 244, 292, 317, 360, 381, 421, 454, 478, 479, 482, 483, 618, 623, 668, 692, 706, 725
- Inoculums, 43, 46, 61, 728
- Inonotus, 359
- Inorganic, 298, 454, 538, 622, 623, 701, 702
- Insect growth regulators, 585
- Insect pathology, 318
- Insectaries, 273
- Insectariums, 597
- Insectary, 75
- Insecticidal, 86, 94, 113, 114, 116, 118, 195, 357, 390, 464, 472, 473, 495, 656, 661, 663
- Insecticide, 2, 7, 97, 98, 105, 106, 113, 116, 118, 122, 238, 257, 265, 268, 272, 275, 278, 329, 330, 334, 359, 385, 390, 392, 432, 435, 436, 463, 464, 472, 474, 513, 577, 580, 583, 586, 627, 634, 641, 655, 662, 664, 687
- Insoluble, 360, 685, 742
- Instar, 1, 6, 13, 75, 106, 122, 145, 153, 260, 262, 269, 270, 313, 314, 316, 330, 363, 368, 563, 564, 566, 571, 578, 629, 630, 635, 638, 677, 678, 712, 715, 716, 729
- Instars, 1, 6, 12, 13, 75, 82, 145, 147, 269, 316, 332, 333, 564, 566, 572, 586, 613
- Instrument, 123
- Instrumental, 436, 686
- Instrumentation, 357
- Instruments, 132
- Integrated control, 264, 392
- Integrated management, 8, 357, 634
- Integrated pest management, 12, 17, 80, 128, 165, 238, 275, 277, 333, 383, 385, 431, 433, 437, 513, 515, 606, 613, 634, 639, 640, 653, 663

Integrated, 8, 12, 17, 80, 86, 92, 118, 128, 165, 238, 264, 275, 277, 333, 357, 383, 385, 392, 431, 433, 436, 438, 453, 454, 513, 515, 529, 546, 606, 613, 618, 631, 634, 639, 640, 653, 663, 664, 672, 688
Integrating, 288
Integration, 437, 546
Integriceps, 211, 214, 571, 676, 678, 684, 686
Integrity, 425, 678, 740
Integument, 317, 687, 688
Interbothridial, 302, 306, 307, 309
Interlamellar, 302, 303, 306, 308
Intermedia, 307
Intermediates, 742
Intermedium, 60
Intermicrosatellite, 451
Intersegmental, 688
Interspecific, 584, 705, 706
Interspersed, 722
Interstitial, 340
Intestinal, 94, 656, 728
Intolerant, 145, 152
Intra, 442, 448, 498
Introns, 449
Inula, 382
Invertebrate, 153, 319, 572, 584, 586, 598, 602, 687, 727, 735
Invertebrates, 186, 369, 391, 435, 560, 589
Invitrogen, 676, 678
Ionization, 488
Ionizing, 464, 473, 474
Ionomer, 298
Ions, 298, 419, 420, 426, 491, 492
IPM, 2, 6, 11, 12, 121, 127, 128, 238, 391, 427, 431, 437, 460, 483, 529, 546, 553, 639, 640
IPMC, 128, 165, 274, 653
Ipomoea, 245, 737
Ippolito, 326
Ipsilon, 163
Irradiance, 535
Irradiated, 464, 466, 468, 471, 473
Irradiation, 463, 466, 468, 471, 474, 633, 634, 639, 640
Iseugenol, 473
Isocoumarins, 238
Isoflavonoids, 352
Isoforms, 688
Isolate, 22, 39, 44, 46, 48, 60, 64, 249, 251, 254, 313, 317, 321, 322, 324, 375, 376, 443, 444, 447, 478, 493, 498, 499, 504, 505, 541, 618, 621, 623, 675, 677, 680, 682, 685, 686, 719, 721, 739, 740, 744
Isolates, 30, 35, 39, 41, 44, 46, 52, 55, 59, 65, 291, 292, 294, 296, 313, 317, 321, 325, 353, 375, 376, 441, 451, 455, 460, 497, 507, 541, 586, 623, 624,

668, 670, 675, 679, 681, 687, 706, 708, 720, 725, 735, 745
Isolation, 44, 52, 55, 95, 195, 207, 211, 249, 259, 353, 375, 442, 478, 483, 489, 498, 512, 540, 662, 677, 685, 688, 720, 745
Isolations, 39
Isomers, 663
Isopropanol, 322, 677
Isopropyl, 740
Isothiocyanate, 495
Isotonic, 623
Isotopes, 472
Isozyme, 442, 451
Iterations, 608, 609
Iterative, 547, 729
Iteratively, 269

J

Jaccard, 441, 444, 447, 499, 500
Jackknife, 269, 274, 553, 554
Japonica, 702
Japonicum, 193
Jasminum, 374
Jassid, 232, 233
Jassidae, 228
Juvenile hormone, 586

K

Kamalii, 589, 590, 593, 594, 604
Kill, 356, 380, 459, 471, 472
Killed, 167, 226
Killing, 73, 79, 226, 297, 356, 472, 670
Kills, 477
Kinase, 675, 676, 682, 684, 688, 689, 701
Kinases, 676
Kinay, 618, 622, 624
Kinetic, 620
Kinetics, 82, 620
Koinobiont, 162, 337, 519
Kolmogorov, 365, 608, 609

L

Labial, 168, 649
Labrum, 520, 526
Lacewing, 11, 13, 16, 17, 736
Lacewings, 11, 16
Lachnidae, 390, 392
Lachninae, 391

- Lactobasillus, 624
Lactones, 192
Lactose, 47, 622
Lactuca, 101
Lactuceae, 389
Ladybird, 82, 154, 207, 211, 213, 267, 270, 272, 274, 391
Ladybirds, 212, 268, 270, 272, 274
Laelapid, 597, 599
Laelapidae, 589, 591, 594, 596, 598, 599, 601, 602, 604
Laelapids, 598
Laelapine, 596
Laelaptidae, 598
Laelaspis, 589, 590, 593, 594, 598, 604
Laetatorius, 157, 159, 164, 166, 643, 646, 650, 654
Laevigatus, 514
Laevipectus, 104
Lamella, 132, 520, 522
Lamellae, 301
Lamellar, 302, 303, 306, 308
Lamiaceae, 191, 232, 472
Lanceolata, 191, 225, 558
Lanceolate, 306, 307
Landmark, 208
Landmarks, 207, 211
Landrace, 223, 456, 706, 707
Landraces, 287, 325, 456, 706
Larvicidal, 662
Lasiobelba, 301, 307
Lasiocampidae, 179
Lasiodiplodia, 41
Lasioseius, 589, 591, 604
Laspeyresia, 127
Lassaad, 385
Leafhopper, 25, 225, 228, 586
Leafhoppers, 132, 203, 225, 228
Leaflets, 127, 555
Leafminer, 74, 105, 153, 513, 514, 516
Leafminers, 105, 106, 515
Leafroll, 542
Leafroller, 129
Leakage, 422, 424, 425
Lealapidae, 601
Lecanicillium, 318
Lecanii, 316, 318, 319
Lectin, 8, 689
Legume, 8, 51, 217, 222, 359, 563
Legumes, 51, 217, 218, 222, 247
Leguminous, 8, 241, 254
Leishmania, 299
Leishmaniasis, 299
Lepidopteran, 1, 7, 170, 314, 346, 432, 663, 737
Lepidopterans, 432
Lepidopterous, 202, 337, 519, 613
Leptinotrassa, 473
Leptobactrum, 671
Leptosphaeria, 498
Leptosphaeria, 505
Lettuce, 254, 255, 488, 557, 630
Leucostoma, 441, 442, 448, 451
Liberibacter, 19, 25
Liberobacter, 19, 20, 22, 23, 27
Lifespan, 385, 386, 389
Lifestyles, 136
Lifetime, 396, 563, 566, 567, 570, 729
Lignosellus, 734, 737
Likelihood, 255, 578, 688, 724
Lilacinus, 55, 381, 668, 671
Liliaceae, 191
Lilien, 535, 538, 539, 541, 542
Lilies, 540, 557
Lilium, 534, 539, 542
Lille, 515
Lily, 541, 557, 560
Lime, 19, 22, 24, 248
Limonene, 236
Limonoids, 7
Linoleic, 668
Linostinae, 167
Lipid, 117, 425, 427, 428
Lipids, 113, 316, 425, 676, 685
Lipophilic, 676
Lipoproteins, 145
Lipoxigenase, 36
Liquefaction, 47
Liriomyza, 74, 81, 104, 107, 153, 515
Lithobiidae, 139
Lithobiomorpha, 139
Lithobius, 139
Livelihood, 431
Liviidae, 213
Lobesia, 163, 341, 605, 606, 608, 610, 612, 615
Loci, 109, 110, 321, 324, 500
Locules, 442, 448
Locus, 223, 278, 444
Locust, 181, 391, 584, 688
Locusta, 583, 584
Locusts, 318
Logistic, 563, 566, 567, 570, 606, 609, 610
Logit, 585
Longevity, 11, 16, 52, 73, 74, 76, 80, 82, 174, 178, 261, 269, 270, 385, 389, 391, 406, 545, 547, 549, 554, 555, 559, 571, 577, 579, 581, 583, 585, 730, 731, 734, 735
Longhorned, 257, 259, 263, 265
Longibrachiatum, 668, 671
Longicaudata, 337, 339, 345, 346, 349, 573

Longicorn, 262, 264
Longipalpa, 555
Loss, 97, 128, 133, 189, 218, 247, 267, 277, 280, 282, 284, 285, 289, 334, 379, 382, 385, 396, 401, 404, 406, 420, 432, 438, 453, 472, 655, 657, 660, 661, 663, 711, 712, 720
Losses, 1, 7, 74, 97, 189, 217, 278, 373, 395, 398, 401, 405, 407, 431, 434, 478, 497, 504, 509, 533, 545, 571, 634, 655, 656, 662, 667, 705, 719
Lotka, 547, 729
Louanchi, 483
Low molecular, 145
Lucerne, 212
Lumen, 131, 133, 134
Lumens, 133, 134
Lupin, 572
Lupina, 661, 663
Lupinus, 572
Lure, 126
Luteoviridae, 739, 744
Luteovirus, 744
Luteoviruses, 744
Lutescens, 181, 183, 187
Lyase, 29, 30, 32, 35, 36
Lycaena, 340
Lycaenidae, 340
Lycopersicum, 30, 31, 241, 244, 329, 330, 426, 515, 701, 702
Lygus, 129
Lymantria, 7, 334, 367, 369
Lymantriidae, 313, 314, 317, 320, 367, 369
Lyophilized, 443, 498
Lysiphlebia, 573
Lysiphlebus, 390, 558, 570
Lysis, 740

M

Maconellicoccus, 268, 273, 275
Macroconidial, 460
Macroevolution, 322
Macrogen, 720, 721
Macrolophus, 513
Macronematous, 376
Macronutrient, 554
Macronutrients, 316, 421, 700
Macrophomia, 43
Macrophomina, 43, 47, 50, 52, 55, 57, 291, 293, 300, 431, 435, 439
Macroptera, 70
Macropteren, 348
Macropterous, 226

Macrosetae, 226
Macrosiphoniella, 586
Macrosiphum, 16, 212
Macrospora, 435, 719, 724, 726
Macrospore, 726
Maculata, 346
Maculatus, 289, 391, 655, 663, 665
Maculipennis, 81
Maculipes, 104
Maculiventris, 182, 183, 185, 186, 736
Malaise, 139, 142, 157, 160, 162, 200, 338, 341, 519, 522, 528, 530
Malaria, 86, 94
Malathion, 472, 474, 628
Malpighiales, 364
Management strategies, 231, 278, 433, 436, 514, 627, 630, 705, 748
Management, 2, 7, 8, 12, 16, 17, 36, 37, 54, 67, 79, 80, 82, 97, 107, 118, 122, 124, 127, 128, 165, 190, 213, 231, 234, 236, 238, 241, 245, 259, 263, 265, 274, 275, 277, 278, 288, 313, 330, 333, 351, 352, 357, 361, 363, 364, 369, 370, 373, 380, 381, 383, 385, 392, 403, 406, 415, 417, 420, 426, 427, 431, 433, 435, 438, 453, 454, 456, 458, 462, 472, 474, 477, 478, 482, 484, 513, 516, 529, 546, 552, 555, 571, 585, 586, 600, 606, 613, 614, 624, 627, 630, 631, 634, 639, 640, 653, 655, 656, 663, 664, 672, 691, 702, 705, 706, 708, 717, 719, 724, 725, 736, 737, 748, 754
Mandible, 99, 102, 140, 340, 520, 522, 526, 645
Mandibles, 99, 101, 340, 520, 522, 645, 648, 649
Manduca, 687, 689
Maneb, 45, 47, 51
Mangiferin, 487, 491, 493, 494
Mannitol, 86
Manure, 241, 244, 352, 454, 560, 578, 595, 671, 691, 692, 694, 696, 698, 701
Manures, 232, 241, 360, 700
Mapping, 223, 689, 747, 748, 750, 752, 754, 756
Maps, 223, 442, 747, 748, 750, 753
Mass rearing, 11, 12, 16, 17, 268, 272, 273, 386, 727, 735
Mating, 75, 122, 125, 127, 128, 514, 661, 728, 729
Matricaria, 700, 701
Matricariae, 390, 558, 570, 573, 574
Matricarius, 185
Matrices, 207, 209, 444, 500
Matrine, 629, 631
Mealybug, 267, 275, 431, 433, 436
Mealybugs, 267, 268, 270, 272, 275, 433, 436
Mechanical, 419, 424, 688
Mechanism, 51, 54, 56, 131, 135, 136, 152, 155, 284, 333, 458, 533, 538, 546, 675

- Mechanisms, 51, 53, 56, 74, 93, 145, 222, 277, 280, 283, 286, 288, 296, 330, 369, 374, 419, 420, 427, 428, 484, 487, 494, 546, 554, 631, 634, 640, 689
- Mechanistic, 54
- Mecoptera, 142
- Medicago, 159, 160, 162, 223, 339, 340, 643, 645, 647, 654
- Medicinal, 89, 94, 189, 192, 193, 196, 359, 374, 381, 472, 474, 617, 656, 663, 664, 691, 699, 702
- Medicine, 86, 193, 298, 359, 416, 656
- Medicines, 93, 189
- Medioppia, 309
- Medioppiinae, 306
- Megalurothrips, 572
- Melampsora, 326
- Melanogaster, 15, 74, 81
- Melia, 377
- Melinoproctus, 182, 183, 185
- Mellifera, 233, 237, 727
- Mellonella, 553, 676, 678, 684, 686, 727, 728, 730, 738
- Melo, 85, 94, 451, 705
- Meloidogyne, 29, 30, 35, 38, 55, 241, 246, 373, 377, 384, 667, 668, 670, 674, 702
- Meloidogynes, 30
- Melolonthinae, 213
- Melon, 292, 295, 546, 553, 555, 706
- Melonella, 677
- Melongena, 247, 254, 256, 329, 330, 509, 560
- Membranifaciens, 617, 622, 625
- Mentagrophytes, 297
- Mercaptoethanol, 740, 741
- Meridionalis, 185
- Meringopus, 346
- Meristem, 533, 536, 538, 541
- Meristematic, 538
- Meristems, 136, 536, 538
- Mesochorinae, 165, 529
- Mesofauna, 599
- Mesofurca, 70
- Mesonotum, 70, 183, 185, 340, 521, 525
- Mesopleura, 521
- Mesopleural, 99, 101, 102
- Mesopleuron, 99, 101, 102, 200, 522, 526, 649
- Mesoscutal, 99, 101, 102
- Mesoscutum, 99, 101, 102, 161, 341, 344, 648, 649
- Mesosoma, 99, 103, 521, 523, 526, 649
- Mesostenus, 337, 339, 342, 345, 346, 349
- Mesostigmata, 589, 594, 603
- Mésostigmates, 595
- Mesostigmatic, 589, 590, 592, 594, 602, 604
- Mesostigmatid, 590, 594, 596, 598, 601, 602
- Mesostigmatids, 589
- Metabolic, 153, 425, 495, 736
- Metabolism, 5, 262, 286, 352, 359, 634, 676
- Metabolite, 37, 43, 45, 47, 671, 672
- Metabolites, 2, 45, 46, 50, 87, 92, 93, 189, 190, 368, 374, 546, 639, 668, 669, 671, 672
- Metalloproteinase, 688
- Metamodels, 613
- Metamorphosis, 736
- Metanotal, 70
- Metanotum, 70, 521
- Metapleura, 521
- Metapleuron, 99, 140, 141, 526
- Metarhizium, 318, 319, 577, 578, 580, 582, 585, 587, 678, 687, 689
- Metasoma, 99, 101, 103, 141, 340, 521, 650
- Metasomal, 99, 101, 103, 160, 521, 526, 650
- Metaxylem, 132, 135
- Methamidophos, 627, 628
- Methamidophose, 263
- Methanol, 85, 87, 89, 92, 93, 132, 191, 192, 421, 487, 488, 490, 492, 657
- Methanolic, 189, 191, 192, 194, 357, 495
- Methionine, 316
- Methomyl, 628
- Methylene, 20
- Methylglucuronate, 662
- Metopiinae, 157, 158, 162, 163, 165, 166, 519, 520, 522, 524, 526, 531
- Metopiines, 519
- Metopius, 519, 520, 522, 525, 527, 528, 531
- Metopolophium, 570
- Metrosideros, 417
- Miandoabiensis, 410, 413, 415
- Micraspis, 233
- Microarray, 676
- Microarthropod, 594
- Microarthropods, 153, 155, 594, 596
- Microbe, 52, 136
- Microbes, 727, 735
- Microbial, 52, 173, 193, 196, 313, 317, 318, 381, 382, 617, 618, 624, 672, 687, 688, 699, 701, 702, 727, 728, 735, 745
- Microbiological, 258, 326, 427, 702
- Microbiology, 24, 37, 52, 55, 93, 94, 136, 194, 196, 254, 255, 298, 299, 317, 319, 325, 359, 360, 381, 383, 450, 477, 506, 507, 613, 614, 623, 624, 671, 673, 687, 689, 702, 703, 719, 724, 735, 737
- Microbios, 298
- Microbombilidae, 181
- Microbombyliid, 186
- Microbombyliids, 181, 182
- Microclimatic, 611
- Microcosms, 50
- Microcuttings, 536

- Microelements, 316
Microenvironment, 152
Microfibrils, 135
Microgastinae, 104
Microgeographic, 507
Micrografting, 540
Micrograph, 21
Microgyniina, 602
Microhabitats, 590, 594, 597, 602
Microinjected, 263
Microlepidoptera, 170
Micronuclei, 472
Micronutrients, 421
Microorganism, 154, 380, 494, 678
Microorganisms, 47, 50, 85, 92, 146, 154, 291, 296, 297, 374, 380, 622, 685, 692
Microphytophages, 409
Micropore, 623
Microporus, 477, 485
Micropropagated, 702
Micropropagation, 540, 542
Microsatellite, 322, 441, 445, 448, 451
Microsatellites, 442, 447, 448, 450
Microsclerotia, 43, 44, 51, 52
Microsclerotial, 43, 46, 48, 52
Microsporum, 297
Midge, 204
Midgut, 370, 464, 471, 472
Midilinae, 167
Migrant, 154, 557
Migrated, 237
Migration, 175, 324, 326, 364, 399, 500, 595
Migratoria, 583, 584
Migratorioides, 583
Migratory, 584
Milbenfauna, 603
Milbenkunde, 598
Mildew, 195, 297, 319, 326, 406, 419, 428, 431, 438, 725
Mildews, 407, 427
Mimosa, 374
Minitab, 123, 365, 370, 635, 641
Mirid, 431, 433, 437, 513, 515
Miridae, 16, 513
Mirids, 436
Mirmecofili, 595
Mite, 121, 231, 233, 236, 301, 302, 309, 409, 415, 417, 473, 545, 548, 552, 555, 586, 589, 594, 596, 598, 602, 728, 737
Mites, 98, 153, 234, 235, 258, 301, 302, 304, 306, 308, 310, 409, 410, 415, 417, 435, 474, 510, 545, 547, 550, 552, 555, 589, 590, 592, 594, 604
Mitogen, 675, 676, 682, 684, 688, 689
Mitosporic, 313
Mitotic, 447
Mitotically, 464
Mode, 7, 79, 113, 116, 258, 262, 296, 298, 359, 438, 488, 623, 672
Model, 80, 81, 121, 123, 129, 146, 173, 177, 179, 279, 292, 299, 315, 455, 499, 568, 570, 605, 613, 675, 735, 737, 748, 751, 755
Modulator, 258
Module, 232, 236, 237
Modules, 232, 233
Moist, 152, 225, 232, 248, 259, 301, 314, 420, 545, 677, 721
Moistened, 31, 330, 479, 489, 712
Moisture, 86, 114, 117, 145, 147, 151, 153, 211, 263, 278, 285, 316, 364, 380, 421, 455
Moisturizer, 2
Molasses, 618
Molasses, 313, 317, 617, 619, 621, 622, 624
Mold, 114, 450, 455, 617, 618, 621, 623, 624
Moldes, 624
Molds, 624
Mole, 596, 600
Molecular, 19, 20, 24, 25, 36, 37, 39, 95, 135, 136, 145, 211, 212, 236, 248, 249, 253, 255, 299, 322, 325, 327, 370, 405, 407, 426, 427, 444, 451, 490, 492, 498, 499, 505, 506, 542, 555, 668, 676, 677, 687, 688, 719, 721, 724, 741, 742, 745
Molecularly, 253, 720
Molecule, 686
Molecules, 94, 234, 426, 634, 685, 687, 701
Mollecular, 53
Molt, 712
Molted, 3
Molting, 152, 713
Molybdate, 421
Moniliform, 301
Moniliforme, 44, 54
Monitoring, 19, 46, 94, 121, 123, 125, 127, 129, 386, 403, 406, 438, 510, 605, 607, 611, 612, 630, 631, 748, 751, 754
Monoclonal, 740, 742
Monococccum, 646, 648, 650
Monoconidial, 497
Monocots, 43
Monocotnus, 569, 571
Monocultivated, 310
Monodactylous, 301
Monogenic, 60, 325
Monograph, 109, 111, 298, 700
Monomeric, 420
Monomorphic, 446, 447, 500
Monooxygenase, 675, 676, 680, 683, 686

- Monooxygenases, 676
Monophagous, 711
Monophagus, 711
Monophyletic, 324
Monosilicic, 420
Monoterpenes, 86
Montrouzieri, 267, 276
Montrozieri, 274
Morifolium, 324, 541
Morindalucida, 359
Morph, 558, 560
Morphogenesis, 540
Morphometric, 207, 208, 210, 214
Morphometrical, 375
Morphometrics, 208, 212, 213
Morphometry, 214
Morphs, 207, 211, 558
Mortality, 7, 16, 31, 33, 37, 80, 82, 113, 117, 153, 164, 174, 176, 178, 257, 259, 263, 270, 277, 281, 285, 314, 316, 356, 375, 376, 379, 392, 465, 471, 513, 547, 550, 555, 573, 578, 583, 584, 627, 628, 630, 655, 657, 662, 667, 671, 673, 678, 705, 707, 711, 713, 715, 716, 734
Mortar, 20, 32, 61, 443
Mosaic, 238, 533, 534, 536, 538, 540, 543, 557, 558, 560, 563, 745
Mosaicvirus, 572
Moth, 17, 73, 76, 81, 82, 121, 129, 145, 147, 152, 153, 163, 164, 167, 211, 213, 265, 313, 314, 316, 318, 335, 369, 390, 472, 474, 509, 510, 514, 516, 605, 608, 609, 612, 614, 634, 636, 638, 640, 642, 716, 717, 727, 731, 734, 737
Mother, 19, 20
Moths, 121, 123, 126, 128, 153, 163, 170, 330, 608, 612, 635, 728, 729, 731
Motia, 702
Motifs, 443
Motility, 47, 672
Mould, 612, 656
Moult, 155
Moultings, 75
Multiflora, 374, 380
Multiflorum, 374
Multioppia, 301, 308, 309
Multioppiinae, 307, 309
Multiplication, 88, 319
Multivariate, 207, 209, 211, 212, 370, 450, 500, 507
Multivoltine, 747
Mummies, 386, 387, 564
Mummification, 387
Mummified, 386, 387, 564, 568, 569
Mushrooms, 672
Muslin, 12, 114, 278, 279, 364, 678
Mustard, 573, 720, 744
Mutagenesis, 639
Mutant, 45, 48, 51, 633, 640, 676, 686
Mutants, 37, 135, 635, 736
Mutation, 322, 399, 447, 633, 635, 639, 641
Mutations, 450, 633, 640
Mutivariate, 209
Mutualis, 171
Mutually, 76
Mycelia, 47, 297, 355, 376, 420, 443, 478, 498, 677, 678, 682, 684, 723
Mycelial, 30, 43, 47, 51, 52, 189, 190, 192, 291, 351, 353, 357, 359, 477, 480, 483, 679, 706, 721, 723
Mycelium, 32, 40, 44, 45, 47, 292, 354, 355, 500, 677, 680, 721
Mycerinus, 200, 201, 205
Mycoacaricides, 687
Mycobiota, 36, 52, 109, 111, 724
Mycoflora, 111
Mycoherbicide, 719, 725
Mycoherbicide, 318, 724
Mycoinsecticide, 586, 687
Mycoinsecticides, 687
Mycopathogen, 688
Mycopesticides, 318
Mycoplasma, 24
Mycoplasma-like, 255
Mycoplasmas, 25
Mycoplasmology, 255
Mycorrhiza, 694, 696, 698, 700, 703
Mycorrhizae, 325, 691, 693, 695
Mycorrhizal, 37, 450, 691, 699, 701
Mycoscience, 325, 326
Mycosis, 314
Mycosphaerella, 110, 111
Mycosphaerellaceae, 109, 112
Mycota, 703
Mycotaxon, 110, 111, 391
Mycotoxin, 454, 460
Mycotoxins, 453, 454, 458, 460, 671
Mymaridae, 203
Myrothecium, 435
Myrothecium, 431, 432, 434, 439
Myrtaceae, 232, 417
Myrtilosum, 601
Mystroppiinae, 307
Mythicomyiid, 182, 185
Mythicomyiidae, 181, 187
Myzus, 11, 12, 16, 18, 222, 273, 317, 390, 391, 577, 578, 580, 582, 584, 587, 735, 739

N

- Nabidae, 16
Nabis, 16
NAD, 106
Naeem, 701
Nano, 291, 292, 296, 299, 426
Nanocid, 292
Nanocomposites, 299
Nanofibers, 299
Nanogel, 298
Nanomaterials, 299
Nanomedicine, 298
Nanoparticle, 291, 298, 299
Nanoparticles, 291, 300, 360
Nanopowders, 624
Nanoscience, 298
Nanosilver, 291, 297, 299
Nanosized, 299
Nanotechnology, 291, 298
Naphthalene, 539
Naphthaleneacetic, 535
Napus, 73, 74, 83, 351, 358, 360, 362, 585, 633
NCBI, 677, 679, 720, 722
Necrosis, 29, 400, 401
Necrotic, 222, 223, 400, 401, 504, 744, 745
Necrotrophic, 190
Nectar, 181, 237
Nectarine, 255
Neem, 231, 233, 238, 374, 377, 383, 473, 663
Neems, 390
Neglecta, 99
Neglectus, 356, 360, 672
Nematicidal, 37, 241, 356, 357, 374, 377, 379, 382, 668, 672
Nematicides, 241
Nematoda, 672
Nematode, 29, 32, 35, 37, 223, 241, 244, 245, 356, 360, 373, 379, 381, 383, 601, 667, 669, 671, 673
Nematodes, 29, 36, 37, 241, 242, 244, 245, 356, 374, 377, 380, 383, 435, 509, 590, 603, 667, 673
Nematophagous, 381, 667, 668, 671, 673
Nematophagy, 602
Nematostatic, 672
Nematotoxic, 668
Nematotoxin, 668
Nematotoxic, 667
Nematropica, 382
Neopaphidus, 585
Neonate, 2, 15, 364
Neonates, 15
Neonicotinoid, 258, 264, 265, 577, 583, 586, 628
Neonominata, 307
Neophottetix, 212
Neotropical, 160, 516, 585, 647
Neozygitaceae, 386
Nephus, 274, 736
Nerium, 131
Nerve, 661
Nervulus, 340, 341, 521, 523
Nesbitt, 302, 410
Nest, 596
Nested, 19, 21, 24, 25, 247, 248, 250, 253, 254, 325
Nests, 595, 597, 600
Net, 157, 158, 182, 208, 226, 232, 233, 236, 259, 267, 269, 270, 272, 330, 338, 519, 522, 546, 547, 550, 551, 577, 579, 580, 633, 634, 636, 638, 644, 657, 727, 729, 731, 734, 735
Network, 134, 135, 223
Networks, 131, 133, 135
Neuromuscular, 662
Neuronal, 675, 676, 682, 684, 687
Neurons, 258
Neuroptera, 11, 16, 18, 339, 736
Neuropteroidea, 142
Never, 307, 706, 719
New host, 516
New record, 69, 70, 99, 140, 157, 160, 165, 167, 201, 203, 226, 337, 346, 522, 526, 599, 601, 643, 653, 724
New species, 105, 107, 109, 111, 142, 165, 186, 202, 203, 225, 309, 346, 415, 416, 530, 572, 596, 598, 600, 602, 653
Niche, 436
Nicotiana, 509, 540, 745
Nicotinic, 258, 577
Nitrocellulose, 740, 743
Nitromercaptobenzoic, 421
Nitrophenyl, 741
Noctuid, 1, 163
Noctuidae, 1, 6, 9, 74, 79, 81, 165, 213, 263, 329, 333, 336, 339, 341, 369, 370, 436, 553, 554, 640, 641, 650, 653, 717, 737
Nodal, 539, 540
Nodes, 500
Nodule, 43
Nodules, 44, 47
Noldus, 552, 555
Nomenclatural, 600
Nomenclature, 98, 158, 338
Nondiapausing, 81
Nonferrioxamines, 51
Nonlinear, 274, 572, 605, 608, 610, 611, 613
Nonprotected, 400
Nonresistant, 61
Nonspecific, 395, 396, 399, 402, 408, 623
Nonsterile, 47

- Nonsticky, 129
Nonstructural, 700, 740
Notodontidae, 339
Noxious, 487, 605
Noxius, 484
Nuclease, 678
Nucleating, 145, 152, 154, 155
Nucleation, 145, 146, 152, 155
Nucleator, 154
Nucleators, 145, 146, 152, 155
Nucleic, 20, 255, 451, 507, 538, 724
Nucleo, 744
Nucleotide, 247, 249, 251, 252, 442, 448, 721
Nucleotides, 252, 740
Nuss, 167, 170
Nut, 254, 360
Nutmeg, 473
Nutrient, 7, 23, 44, 46, 135, 244, 268, 317, 367, 419, 421, 422, 425, 427, 506, 547, 552, 554, 617, 676, 678, 687, 691, 692, 695, 698, 699, 701, 721, 750, 754
Nutrients, 6, 44, 51, 146, 244, 257, 277, 317, 333, 364, 380, 692, 699
Nutrition, 7, 106, 217, 317, 319, 326, 359, 364, 368, 369, 419, 422, 424, 427, 473, 701, 703
Nutritional indices, 1, 6, 8, 329, 330, 333, 334, 336, 363, 368, 370, 463, 465, 468, 471, 474, 717
Nutritional, 1, 8, 12, 25, 213, 278, 286, 288, 313, 319, 329, 336, 359, 363, 368, 370, 374, 380, 463, 465, 468, 471, 474, 513, 584, 611, 622, 656, 715, 717
Nutritious, 368
Nutritive, 6, 7, 286, 334, 367, 369, 471, 546, 723
Nymph, 386, 552, 580, 582, 584, 628, 678, 751
Nymphaeae, 557, 561
Nymphal, 387, 564, 566, 580
Nymphalidae, 341
Nymphalis, 341
Nymphaeae, 557
Nymphs, 11, 13, 15, 79, 557, 563, 566, 571, 577, 579, 586, 747, 748, 750, 753
- O**
- Oak, 131, 297, 298, 314, 369, 373, 374, 380, 382, 410, 412, 589, 594, 596, 597, 711, 712, 715, 717
Oaks, 382, 711, 715
Oaktaxonomic, 600
Oasis, 488, 606
Oat, 316
Oats, 194, 321, 325
Obligate, 321, 691
Obligative, 280, 282, 284
Obligatoires, 541
Obliqua, 139
Obliquebanded, 129
Occipital, 520, 521
Occiput, 99, 101, 102, 160, 182, 184
Ocean, 60
Oceanian, 107
Ocellar, 70, 183
Ocellatella, 145, 154, 156
Ocelli, 69, 226
Ocimum, 232, 238, 374, 663
Ocular, 299
Oculata, 17
Odonata, 213
Offspring, 269, 271, 335, 387, 545, 550, 552, 577, 579, 580, 729, 731, 734
Oidium, 725
Oil, 2, 86, 92, 94, 114, 116, 118, 190, 193, 195, 238, 352, 359, 360, 381, 463, 473, 495, 663, 700
Oils, 86, 92, 94, 236, 352, 357, 360, 382, 463, 465, 471, 474
Oilseed, 633
Oleaceae, 70
Oleae, 613
Oleander, 131, 136
Oleanders, 135
Olfactory, 639
Oligoanalyzer, 688
Oligogenic, 402
Oligonucleotide, 52, 445
Oligonucleotides, 442, 444, 445
Oligospora, 667, 671, 673, 674
Olitorius, 487, 488, 493, 496
Olivaceous, 40, 110
Ologamasidae, 589, 593, 604
Onion, 553, 555, 557, 599, 631, 702, 720
Onlinecontrol, 318
Ontogenetic, 369
Oocytes, 79
Oogonia, 706
Ootetrastichus, 201
Opisthosomal, 414
Opistosomal, 413
Opus, 105
Oppenheim, 53
Opperman, 36
Oppia, 301, 307, 310
Oppiella, 301, 306
Oppiellinae, 306
Oppiid, 301, 302, 304, 306, 308, 310
Oppiidae, 301, 302, 309, 311
Oppiinae, 307
Oppioidea, 309
Oppportunistic, 737

- Opportunities, 128, 493
Optimization, 313, 359, 424, 571, 618, 622
Optimize, 117, 174, 264, 317
Optimized, 739
Optimizing, 12, 178, 318, 622
Optimum, 11, 40, 76, 79, 86, 241, 291, 297, 316, 353, 463, 734
Orchard, 121, 123, 267, 268, 287, 747, 750
Orchards, 20, 23, 25, 39, 55, 121, 122, 126, 128, 165, 225, 226, 264, 268, 272, 275, 410, 416, 442, 451, 487, 520, 595, 653, 677
Organelles, 426
Organic, 53, 92, 231, 232, 241, 244, 265, 373, 374, 377, 379, 382, 421, 488, 493, 514, 589, 622, 671, 686, 691, 692, 699, 702
Organically, 493
Organics, 702
Organism, 74, 79, 121, 146, 193, 258, 296, 364, 484, 513, 602, 675, 735, 736
Organisms, 2, 5, 24, 30, 36, 73, 74, 79, 93, 145, 152, 189, 244, 255, 258, 278, 369, 478, 483, 552, 618, 643, 676, 719, 720, 734
Organization, 20, 25, 244, 264, 368, 395, 557, 600, 601, 727
Organochlorines, 627
Organoleptic, 196
Organophosphate, 128, 258, 264
Organophosphates, 627, 630
Organophosphorus, 262
Orghanophosphates, 628
Oribatei, 310
Oribatid mites, 301, 309, 310
Oribatid, 301, 309, 310
Oribatida, 301, 309, 310
Oribátidos, 310
Orichalcociliellus, 555
Oriental, 82, 127, 139, 159, 160, 162, 167, 168, 170, 201, 647, 705
Orientalis, 101, 169, 257
Ornamental, 37, 85, 93, 97, 189, 247, 267, 351, 382, 533, 541, 542, 554, 595, 598, 631, 699, 701, 744
Ornamentals, 534
Ornamented, 169, 410, 412, 414
Ornata, 306
Ornatum, 157, 159, 166, 643, 647, 650, 654
Orthocentrinae, 165, 529, 643, 647, 651, 652, 654
Orthocentrus, 165, 529, 643, 647, 652, 654
Orthogonal, 359
Orthopelmatinae, 165, 529
Orthoptera, 678, 685
Orthotomicus, 596
Oryza, 497, 560
Oryzae, 113, 116, 118, 464, 472, 473, 497, 508, 663, 677
Oryzaephiluss, 755
Oryzivora, 204
Oscillations, 728
Osmotic, 381, 539
Ostrinia, 174, 178, 179
Ostrinae, 174, 177, 179
Ovarian, 79
Ovaries, 472
Oven, 86, 114, 302, 330, 353, 657, 678, 712
Overexpressed, 742
Overgrowth, 193
Overwinter, 146, 152, 257, 711, 747
Overwintered, 259
Overwintering, 123, 124, 126, 145, 146, 152, 155, 369, 712, 747
Overwinters, 145, 146
Ovicidal, 669
Oviducts, 389
Oviedo, 687
Ovigenic, 389
Oviposit, 207, 280, 563, 566, 569, 570, 639, 751
Oviposited, 257, 259, 286, 569
Oviposition, 7, 13, 74, 76, 78, 127, 261, 264, 269, 272, 277, 279, 282, 284, 285, 330, 364, 385, 387, 389, 391, 513, 548, 549, 552, 569, 572, 635, 639, 641, 662, 728, 730, 734
Ovipositional, 8, 76, 269, 270, 549, 633, 636, 639, 640
Ovipositions, 387, 570
Ovipositor, 386
Ovipositor, 99, 101, 102, 140, 160, 161, 201, 226, 340, 342, 519, 521, 523, 645, 648
Oxalic, 725
Oxidase, 30, 47, 375
Oxidases, 420
Oxidation, 425, 428
Oxidative, 419, 420, 422, 424, 426, 428
Oxymatrine, 627, 631
Oxyopes, 233
Oxyoppia, 301, 307, 309
Oxyoppiinae, 307, 309
Oxysporum, 29, 38, 54, 189, 194, 196, 197, 298, 316, 318, 351, 356, 362, 381, 504, 506, 668
Oxysporum, 36
Oxysprum, 195
- P**
- Paddy, 113, 202
Paech, 391
Paecilomyces, 40, 55, 317, 381, 668, 671
Paenibacillus, 44, 55
Paesilomyces, 671

- Palaeartic, 99, 101, 102, 139, 141, 159, 160, 162, 167, 168, 170, 201, 207, 225, 228, 303, 337, 339, 341, 345, 346, 348, 522, 526, 528, 530, 560, 598, 645, 647, 650
- Palatability, 367
- Pale, 110, 185, 376, 500, 602
- Palaearctic, 208, 226, 530, 605, 606
- Pallidus, 12, 15, 16, 573
- Palm, 499, 600
- Palms, 600
- Panicle, 39, 40, 42, 500, 504
- Panicles, 39, 497, 498
- Paniculata, 484
- Papaveraceae, 191
- Parabolic, 306
- Paracoccidioides, 687
- Paracoccus, 431, 434, 439
- Paradigm, 640
- Paraffin, 259
- Parafilm, 31, 248, 579, 628
- Parageron, 181, 183, 187
- Parapersoonii, 449
- Paraphages, 590
- Paraphytomyza, 106
- Parasexual, 505
- Parasexuality, 507
- Parasite, 321, 391, 572, 754
- Parasites, 94, 105, 106, 189, 245, 392, 541, 589, 590, 596, 672, 685, 735
- Parasitic, 29, 36, 106, 139, 165, 244, 245, 337, 374, 381, 383, 386, 513, 528, 601, 667, 671, 673
- Parasiticus, 484
- Parasitiforme, 599
- Parasitiformes, 596, 598, 600, 602
- Parasiting, 389
- Parasitisation, 175, 176, 178
- Parasitise, 337
- Parasitised, 173, 175, 177
- Parasitism, 29, 32, 35, 37, 51, 105, 165, 173, 174, 178, 179, 204, 374, 385, 391, 512, 513, 566, 567, 569, 572, 574
- Parasitiz, 570
- Parasitize, 30, 566, 570, 571, 643, 667
- Parasitized, 30, 174, 176, 249, 275, 390, 566, 567, 569
- Parasitizes, 387
- Parasitizing, 563
- Parasitoid, 80, 97, 98, 104, 105, 139, 153, 154, 162, 165, 174, 178, 181, 186, 200, 204, 334, 339, 341, 385, 392, 514, 529, 530, 560, 563, 564, 566, 568, 570, 574, 651, 653
- Parasitoide, 106
- Parasitoids, 2, 97, 100, 102, 104, 108, 162, 165, 173, 179, 203, 204, 212, 223, 340, 341, 346, 348, 386, 390, 392, 510, 512, 514, 519, 529, 558, 560, 564, 570, 574, 643, 652, 653
- Parasitologica, 596, 600
- Parasitology, 416
- Parasits, 107
- Parenchyma, 132, 133, 135
- Parthenii, 725
- Parthenium, 329, 719, 722, 724, 726
- Parthenogenesis, 514
- Parthenogenetic, 558, 602
- Parviformis, 169
- Passerine, 596
- Passerini, 11, 18
- Passing, 45
- Pasteurized, 292
- Pastoris, 109, 110, 112
- Pasture, 301
- Pastures, 520, 719
- Patch, 572
- Patches, 207, 222, 436
- Patel, 662, 664
- Pathogen, 19, 20, 23, 30, 31, 36, 43, 48, 50, 51, 53, 55, 59, 60, 65, 66, 86, 88, 89, 93, 131, 132, 135, 136, 223, 291, 292, 294, 296, 299, 321, 326, 327, 351, 354, 369, 378, 379, 396, 399, 402, 407, 420, 449, 455, 458, 459, 478, 507, 535, 583, 585, 586, 620, 622, 675, 676, 687, 706, 719, 724, 737
- Pathogenesis, 420, 505, 687, 727, 728, 736, 737
- Pathogenetic, 255
- Pathogenic, 35, 51, 55, 59, 61, 65, 67, 88, 92, 95, 131, 190, 192, 194, 196, 247, 296, 299, 313, 318, 359, 361, 382, 395, 447, 450, 460, 497, 505, 578, 583, 662, 671, 676, 678, 685, 687, 706, 719, 724, 725
- Pathogenicity, 23, 41, 44, 60, 67, 135, 136, 318, 483, 497, 499, 504, 506, 585, 586, 671, 673, 688, 706, 708, 720, 721, 735
- Pathogens, 19, 20, 23, 30, 31, 35, 44, 50, 51, 53, 55, 56, 92, 135, 189, 190, 192, 194, 196, 244, 247, 291, 296, 298, 322, 324, 326, 327, 352, 353, 356, 357, 373, 374, 379, 381, 383, 399, 419, 420, 424, 425, 441, 442, 447, 460, 477, 482, 505, 507, 578, 617, 618, 624, 673, 705, 706, 719, 724, 727, 728
- Pathology, 20, 24, 25, 29, 30, 36, 37, 43, 53, 59, 94, 95, 111, 135, 136, 191, 194, 195, 254, 255, 291, 299, 318, 319, 321, 325, 326, 359, 360, 381, 405, 409, 419, 427, 428, 441, 449, 451, 460, 461, 484, 494, 507, 540, 542, 584, 586, 624, 667, 671, 672, 691, 708, 724, 725, 735, 739, 745
- Pathosystems, 396, 403
- Pathotype, 59
- Pathotypes, 67, 321, 322
- Pathovares, 56
- Patriniae, 325

- PCA, 209, 217, 219, 221, 222, 224
PCR, 19, 23, 25, 27, 41, 46, 48, 247, 251, 253, 256, 321, 323, 325, 327, 441, 452, 497, 500, 502, 504, 508, 533, 535, 536, 541, 543, 676, 677, 679, 684, 688, 689, 720, 721, 725, 739, 742, 746
PDA, 30, 31, 39, 40, 44, 45, 192, 196, 292, 353, 355, 375, 376, 455, 478, 495, 498, 500, 501, 578, 720, 723
Peanut, 53
Peanuts, 329, 737
Pear, 25, 54, 55, 86, 122, 128, 131, 135, 326, 624
Pectinophora, 431
Pectins, 135
Pedicel, 140, 184, 522, 526
Pedicellus, 200, 201
Pedicule, 649
Pedigree, 399, 402
Pedosphere, 428
Penicillium, 40, 44, 51, 53, 55, 297, 617, 622, 624, 625
Pentachloronitrobenzene, 478
Pentachlorophenol, 478, 483
Pentagonal, 160, 340, 341
Pentatomidae, 571, 583, 586, 736
Penultimate, 152, 153
Pepper, 85, 86, 90, 92, 94, 174, 178, 329, 331, 333, 390, 493, 509, 630
Peppermint, 352
Peppers, 213, 245, 631, 708
Peptidase, 675, 676, 682, 683, 688
Peptide, 742
Peptides, 686
Pepton, 677, 686
Peptone, 443, 676
Pericarp, 287
Perlite, 292, 535, 547, 634
Permeability, 419, 420, 422, 425, 426
Permeate, 313, 317, 617, 621, 622
Permeates, 313, 316
Permethrin, 257, 259, 261, 263
Perovskia, 463, 464, 467, 469, 470, 472, 475
Peroxidase, 30, 36, 426
Peroxidases, 420
Peroxidation, 425, 427
Persiace, 385
Persian, 25, 154, 165, 178, 212, 214, 309, 310, 381, 382, 415, 416, 594, 596, 598, 601
Persica, 182, 184, 186, 308
Persicae, 11, 16, 18, 222, 273, 317, 385, 393, 577, 587, 735, 739
Persicolor, 297
Pest, 1, 3, 5, 8, 12, 17, 69, 70, 73, 74, 80, 82, 97, 105, 114, 118, 121, 122, 127, 128, 146, 152, 153, 165, 173, 174, 178, 189, 204, 211, 213, 214, 218, 231, 234, 236, 238, 244, 257, 258, 260, 263, 265, 267, 274, 275, 277, 278, 287, 288, 313, 318, 329, 330, 333, 335, 364, 367, 369, 383, 385, 391, 392, 415, 417, 431, 438, 460, 463, 464, 473, 474, 483, 509, 510, 512, 516, 529, 545, 546, 548, 549, 552, 553, 555, 558, 570, 574, 577, 578, 584, 586, 605, 606, 613, 614, 627, 628, 630, 631, 633, 634, 639, 640, 653, 655, 656, 662, 664, 672, 685, 711, 712, 719, 724, 727, 735, 737, 747, 748, 750
Pestalotiopsis, 40
Pesticidal, 238, 631
Pesticide, 126, 218, 231, 232, 234, 264, 274, 359, 373, 432, 436, 437, 478, 513, 545, 586, 631, 656
Pesticides, 2, 93, 128, 173, 190, 196, 231, 232, 237, 238, 265, 317, 351, 352, 385, 431, 435, 437, 464, 483, 513, 514, 545, 546, 577, 584, 586, 656, 663, 675, 688, 719
Pests, 1, 2, 7, 8, 11, 12, 16, 29, 36, 79, 97, 113, 114, 118, 121, 127, 128, 145, 154, 157, 163, 165, 189, 195, 202, 204, 207, 213, 218, 231, 233, 236, 237, 241, 244, 248, 257, 258, 264, 265, 267, 268, 273, 274, 278, 280, 288, 314, 317, 330, 346, 368, 370, 381, 382, 385, 391, 431, 438, 463, 464, 472, 473, 483, 509, 515, 528, 529, 545, 552, 555, 563, 578, 583, 586, 589, 598, 605, 614, 630, 634, 639, 643, 650, 655, 656, 662, 663, 675, 686, 728
Petiole, 132, 134, 340, 342, 344, 645, 648, 650, 712, 747
Petioles, 131, 133, 135, 330, 420, 557
Petunia, 329
Phaseoli, 30, 36
Phaseolina, 43, 57, 291, 294, 296, 297, 300, 431, 434, 435, 439
Phaseolinone, 43, 53
Phaseolus, 510
Phenacoccus, 273, 274, 431, 434, 439
Phenetic, 445
Phenograms, 499
Phenol, 278, 279, 322, 352, 380, 478, 685
Phenolic, 30, 37, 277, 278, 283, 284, 286, 351, 353, 355, 361, 377, 420, 425, 663
Phenolics, 36, 359, 360
Phenological, 122, 124, 126, 128, 605, 606
Phenology, 121, 124, 126, 129, 213, 516, 605, 607, 609, 611, 614, 712, 717
Phenols, 236, 661
Phenomena, 736
Phenomenon, 80, 135, 435, 583
Phenotypes, 402
Phenotypic, 41, 217, 218, 222, 223, 395, 405, 407, 451, 506, 633, 721
Phenotyping, 321
Phenylalanine, 29, 30, 32, 35, 36
Phenylpropanoid, 495
Phenylpyrazole, 628

- Pheromone, 121, 130, 510, 513, 606, 607, 611, 613, 716
Pheromones, 122, 170
Phlebotomine, 416
Phlebotomus, 736
Phlobatannins, 658
Phloem, 20, 21, 132, 133, 218, 223, 247, 263, 563, 739
Phoenicium, 251, 252, 255
Phoenix, 600
Phoma, 449
Phomalactone, 668
Phonological, 716
Phoresy, 595
Phoretic, 595, 601
Phosphate, 32, 154, 454, 701, 702, 736, 740, 741
Phosphine, 463
Phosphoglycerate, 701
Phosphoric, 45, 46
Phosphorous, 316, 691
Phosphorylation, 686
Photochemical, 506
Photochemistry, 238
Photodegradation, 86
Photoperiod, 1, 2, 11, 13, 73, 75, 86, 129, 259, 267, 268, 314, 322, 331, 363, 364, 386, 498, 535, 547, 563, 564, 577, 579, 606, 611, 614, 628, 633, 634, 692, 712, 727, 728
Photosynthesis, 420, 459, 460
Photosynthetic, 385, 398, 424, 750, 754
Phototherapy, 664
Pthiria, 182, 183
Pthiriini, 183
Pthirinae, 183
Pthorimaea, 516
Phycitidae, 472
Phycitis, 25
Phyllanthin, 661
Phyllanthus, 655, 662, 665
Phyllantus, 655, 656, 659, 661, 665
Phyllodies, 255
Phyllody, 247, 254, 256
Phyllody, 247, 256
Phyllophaga, 208, 213
Phylogenetic, 247, 249, 251, 253, 255, 321, 327, 448, 449, 720, 722, 724
Phylogenetics, 41, 689, 725
Phylogenies, 326, 327, 724
Phylogeny, 8, 41, 164, 203, 254, 322, 325, 348, 370, 450, 702, 720
Phylogram, 252
Phylosphere, 405
Phylum, 692, 702
Phyml, 720, 725
Phyretroid, 628
Physalis, 510
Physicochemical, 117, 284
Physiological, 8, 36, 44, 47, 60, 74, 79, 82, 121, 129, 136, 145, 154, 155, 189, 190, 268, 325, 333, 367, 369, 370, 381, 398, 419, 420, 426, 427, 555, 687, 689, 728, 734, 750
Phytagromyza, 106
Phythophtora, 195, 351
Phytium, 36
Phytoalexin, 190, 425
Phytoalexins, 420, 426
Phytochemical, 661
Phytochemical, 85, 87, 89, 94, 193, 196, 231, 233, 235, 494, 640, 657, 660
Phytochemicals, 231, 234, 236, 360, 493, 639, 660
Phytochemistry, 196, 238, 494, 495, 701
Phytoconstitutes, 660, 661
Phytohormones, 44, 699, 701
Phytomedicine, 584
Phytomyza, 106
Phytomyzinae, 106
Phytoparasitica, 8, 275, 391, 392, 437, 513, 630, 702
Phytopathogen, 190
Phytopathogenic, 51, 54, 111, 189, 190, 194, 254, 291, 292, 295, 298, 326, 351, 354, 357, 359, 360
Phytopathogens, 51, 53, 196, 297, 299, 357
Phytopathologia, 67, 254, 707
Phytophagous, 7, 12, 165, 228, 334, 369
Phytophthora, 195, 352, 353, 362, 705, 709
Phytophyl, 586
Phytophylacica, 8, 560
Phytophylactica, 128
Phytoplasma, 19, 27, 247, 256
Phytoplasmal, 247, 253
Phytoplasmaphoenicium, 253
Phytoplasmas, 19, 23, 25, 26, 247, 249, 251, 252, 254, 255
Phytopsanitary, 19, 20, 218, 258, 473, 606
Phytopsanitation, 236
Phytoseiid, 409
Phytoseiidae, 416, 596, 599
Phytoseioidea, 596
Phytopsynthates, 52, 53
Phytotherapy, 93, 494
Phytotoxic, 258, 361, 487, 489, 490, 493, 495
Phytotoxicity, 261, 263, 490, 493, 494
Pieridae, 7, 554
Pieris, 7, 8, 154, 554, 686
Pigment, 47
Pigmentation, 109
Pigments, 375, 376
Pigweed, 329, 330, 715
Pimpliform, 164, 347

- Pimpliformes, 165, 519
Pimplinae, 157, 158, 162, 166, 348, 530, 652, 653
Pimplini, 162
Pinaceae, 191
Pinaceum, 601
Pinatorius, 520, 528
Pine, 39, 40, 179, 262, 264, 265, 335, 410, 413, 596, 602
Piper, 660, 663, 664
Piperine, 663
Piperonyl, 114
Piriformospora, 691, 692, 702, 704
Piriformospra, 702
Pirimiphos, 474
Pirinen, 612
Pirnia, 109, 111, 112
Pistachio, 39, 42, 412, 600, 747, 748, 750, 754, 756
Pistacia, 39, 42, 95, 707
Pistaciae, 747, 748, 756
Pistaciella, 348
Pisum, 16, 218, 222, 563, 564, 566, 571, 573, 575
Plagioderia, 363, 364, 366, 371
Planicola, 589, 594, 604
Planipennis, 262, 263, 265
Planococcus, 267, 270, 272, 274, 276
Plant pathogens, 50, 53, 192, 296, 297, 322, 326, 327, 357, 373, 374, 379, 706, 719
Plantaginaceae, 191
Plantago, 191, 225, 558
Plantation, 259, 278, 279, 478, 483, 640
Plantations, 232, 478
Planthopper, 203
Planthoppers, 228
Planting, 46, 47, 61, 65, 211, 218, 232, 242, 244, 258, 375, 454, 479, 534, 547
Plasma, 425
Plasmid, 249, 740, 742
Plasmids, 740, 741
Plasmodesmal, 745
Plasmodesmata, 538
Plasmodiophora, 327
Plasticity, 222, 223, 487
Platanus, 257
Platypiginae, 183, 184
Platypigus, 183
Platypyginae, 186
Platypygus, 182, 183, 185, 186
Plectrodera, 262, 265
Plenty, 546
Plenum, 25
Plethora, 687
Pleura, 185
Pleurophragma, 301
Pleuroptya, 170
Pleurotus, 668, 672
Plexiglas, 75, 386
Plodia, 80, 340, 472
Plot, 218, 219, 233, 237, 242, 260, 454, 455, 457, 459, 479, 548
Plots, 232, 236, 237, 242, 395, 397, 398, 400, 401, 454, 455, 457, 459, 479
Plotted, 210, 251
Plotting, 249
Plough, 242
Ploughed, 242
Ploughing, 232
Plug, 44, 45, 131, 192, 314, 498
Plugged, 133
Plugging, 43, 135
Plugs, 31, 280, 292, 620, 706
Plumosa, 412
Plumose, 307, 412
Plunkett, 557, 558, 560
Plutella, 73, 74, 76, 78, 80, 83, 334, 341, 347, 633, 634, 637, 638, 640, 642, 650
Plutellae, 334
Plutellidae, 73, 83, 334, 341, 347, 613, 633, 640, 642, 650
Pneumophila, 736
Poa, 324
Poaceae, 159, 160, 162
Pod, 7, 8, 173, 211, 213, 628
Podisus, 571, 736
Podosphaera, 326, 428
Pods, 217, 219, 222, 628
Poikilothermic, 734
Poikilotherms, 74
Poisoning, 494
Polar, 154, 597
Polarity, 85, 87, 88, 92
Polerovirus, 739
Poleroviruses, 745
Polihronakis, 208, 213
Pollen, 154, 181, 222
Pollens, 237
Pollinated, 237, 455
Pollinator, 181
Pollinators, 181, 233, 237
Pollute, 241
Polluting, 513
Pollution, 2, 59, 189, 351, 352, 385, 427, 624, 719
Polyacrylamide, 740
Polychlorobenzene, 60
Polychrosis, 341
Polyclonal, 534, 739, 740, 742, 746
Polyethylene, 421
Polygalacturonase, 136

- Polygalacturonases, 135
Polygenic, 396, 402
Polygodial, 391
Polygon, 607
Polygonal, 411
Polymer, 299
Polymerase, 679
Polymerase, 20, 21, 24, 26, 46, 248, 250, 322, 323, 325, 326, 441, 443, 450, 499, 507, 533, 676, 677, 720, 744
Polymerization, 420
Polymorpha, 417
Polymorphic, 441, 442, 444, 447, 451, 500, 506
Polymorphism, 212, 247, 251, 326, 441, 442, 446, 448, 451, 500, 505, 507, 560, 716
Polymorphisms, 442, 447, 450, 451
Polyols, 145
Polyphagous, 11, 12, 43, 97, 98, 257, 265, 267, 329, 435, 437, 557, 605, 667
Polyphenol, 30, 93, 420
Polyphenols, 94, 352, 359, 493
Polyphones, 487
Polysaccharide, 135, 736
Polysaccharides, 316
Polytene, 479
Polythene, 720
Polyvinyl, 479
Pome, 267, 275
Pomi, 389
Pomonella, 121, 122, 124, 127, 130, 734
Pooled, 175, 176, 233, 280, 315, 434, 435, 608
Poplar, 363, 364, 369, 370, 410, 414
Poplars, 264, 363, 368, 370
Population, 6, 12, 16, 30, 35, 43, 47, 49, 52, 65, 73, 74, 79, 80, 121, 126, 128, 129, 135, 153, 165, 173, 176, 178, 179, 203, 204, 207, 211, 213, 218, 222, 232, 234, 236, 237, 241, 242, 244, 257, 260, 263, 268, 269, 272, 274, 279, 289, 322, 367, 374, 379, 380, 382, 383, 385, 388, 390, 391, 398, 433, 436, 448, 450, 454, 456, 464, 483, 497, 506, 507, 509, 510, 512, 515, 545, 549, 551, 554, 560, 564, 570, 572, 573, 584, 585, 606, 609, 614, 628, 631, 634, 639, 653, 655, 657, 663, 672, 720, 721, 727, 731, 734, 737, 747, 748, 750
Populus, 257, 363, 364, 366, 367, 369, 371
Portulacaceae, 191
Portulacastrum, 724
Postallelopathy, 383
Posterior, 69, 70, 99, 101, 102, 160, 168, 169, 226, 340, 410, 412, 607
Posthaevest, 53
Postharvest, 50, 53, 54, 195, 287, 617, 618, 623, 624, 663
Pot, 30, 32, 46, 48, 52, 292, 376, 383, 420, 423, 635, 692, 706
Potash, 454
Potato, 30, 39, 44, 177, 192, 194, 195, 241, 244, 245, 254, 268, 291, 292, 329, 352, 353, 359, 360, 375, 381, 443, 455, 473, 478, 498, 509, 512, 516, 539, 540, 542, 555, 578, 585, 624, 668, 720, 721, 735, 744
Potatoes, 195
Pots, 31, 46, 47, 75, 86, 292, 373, 376, 378, 499, 534, 547, 564, 578, 634, 635, 668, 691, 692, 706
Potted, 46, 218
Potyviridae, 533, 543
Potyvirus, 533, 543
Powdery mildew, 297, 326, 406, 419, 424, 426, 428, 725
Powdery, 297, 319, 326, 406, 407, 419, 424, 426, 428, 725
Pratylenchidae, 672
Pratylenchus, 356, 360, 377, 382, 672
Preadult, 730, 734
Preanal, 302, 303
Precoaxal, 99, 101, 102
Predaceous, 213, 415, 416, 595
Predacious, 668
Predation, 15, 16, 275, 391, 512, 514, 572, 737
Predator, 11, 13, 17, 181, 207, 208, 212, 213, 235, 268, 269, 272, 275, 391, 416, 514, 516, 553, 564, 571, 572, 603, 736
Predators, 2, 11, 12, 16, 173, 207, 213, 233, 237, 268, 335, 409, 416, 512, 513, 572, 589, 590, 671, 685
Predatory, 11, 17, 69, 235, 237, 274, 409, 437, 514, 553, 595, 599, 601, 603, 727
Predatorymites, 600
Predict, 126, 605, 606, 735, 748
Prematurely, 43
Première, 515, 595
Prepupa, 152, 269, 270
Prepupae, 147, 149, 152, 153, 337
Prepupal, 75, 152, 272
Pretiosum, 178
Pretreatment, 287
Prey, 11, 18, 207, 213, 267, 269, 272, 275, 391, 409, 563, 564, 572, 597, 737
Preying, 274, 275, 515
Preys, 11, 15, 268, 272
Primer, 19, 20, 22, 247, 250, 253, 254, 441, 443, 448, 450, 499, 501, 504, 535, 536, 678, 679, 720, 722
Primers, 19, 23, 39, 41, 44, 46, 51, 52, 249, 253, 323, 325, 441, 448, 450, 451, 497, 500, 503, 505, 535, 676, 677, 679, 720, 722, 740, 742
Priming, 351
Probe, 52, 146, 657
Probes, 25, 280

- Probing, 114
Probings, 657
Probit, 465, 473, 495, 585, 628, 630
Proboscis, 181
Proctotrupes, 140
Proctotrupidae, 139, 142, 143
Proctotrupoidea, 139, 142
Procuticle, 685
Prodorsal, 301, 412, 414
Prodorsum, 302, 303, 306, 307
Progenitor, 639
Progeny, 390, 392, 573, 584, 662
Pronotum, 70, 99, 101, 102, 140, 182, 208, 226, 340, 522
Prophylactic, 233
Propiconazole, 396, 398, 478
Propleuron, 526
Propodeal, 521, 523
Propodeum, 99, 101, 103, 140, 141, 160, 161, 201, 340, 342, 344, 521, 525, 645, 648, 649
Propodosoma, 409, 410
Propodosomal, 413
Prostigmata, 415, 417, 601
Prostigmatic, 415, 416
Prostimata, 416
Protease, 288, 368, 668, 671, 673, 676, 680, 682, 685, 687
Proteases, 370, 668, 671, 676, 679, 685
Protect, 36, 114, 117, 286, 391, 458, 459, 513
Protectant, 113, 117, 262, 478
Protectants, 113, 624, 660, 662, 663
Protecting, 189, 263, 352, 380, 396, 420
Protein, 2, 6, 25, 79, 82, 117, 217, 255, 277, 279, 283, 287, 316, 326, 357, 361, 425, 432, 436, 535, 554, 655, 671, 673, 675, 676, 680, 682, 684, 686, 688, 689, 701, 716, 736, 739, 745
Proteinase, 286, 287, 535, 688
Proteinases, 370
Proteins, 79, 81, 82, 145, 154, 277, 286, 420, 425, 432, 538, 668, 673, 676, 685, 688, 739, 742, 744, 745
Proteolytic, 6, 8, 364, 370, 676, 685
Prothorax, 69
Protocol, 178, 325, 534, 539
Protocols, 20, 41, 136, 222, 327, 689, 725, 744, 754
Protonymph, 547, 549
Protonymphal, 548
Protoplast, 688
Protoxylem, 132
Protozoa, 688
Pseudechiniscus, 212
Pseudo, 635
Pseudoannulata, 233
Pseudocercospora, 111
Pseudocercosporiella, 109, 112
Pseudocercosporidium, 111
Pseudococci, 275
Pseudococcid, 736
Pseudococcidae, 267, 272, 276
Pseudococcus, 267, 270, 273, 275, 276
Pseudomonads, 51, 383
Pseudomonas, 24, 30, 37, 50, 51, 53, 56, 373, 376, 378, 379, 381, 383, 384, 459, 460, 623, 624, 736
Pseudonegundo, 191
Pseudoparasitus, 598
Psychodidae, 416, 736
Psychonomic, 613
Psylla, 747, 748, 750, 754, 756
Psyllaephagus, 571
Psyllid, 211, 213, 265
Psyllidae, 263, 571, 747
Psyllids, 274, 747, 754
Pterochloroides, 385, 393
Pteromalidae, 203, 391
Pterostigma, 521
Pubescence, 99, 102
Pubescent, 99, 101
Puccinia, 44, 54, 321, 323, 328, 395, 400, 401, 405, 408
Puccinia, 395
Pucciniaceae, 322, 326
Pumpkin, 419, 421, 423, 426, 706, 708
Pumpkins, 419, 420, 422, 424, 426
Pupa, 13, 14, 152, 269, 270, 330, 331, 509, 512, 515, 730, 731, 734
Pupae, 75, 79, 81, 146, 154, 202, 269, 337, 510, 512, 513, 519, 614, 628, 712, 715, 716, 729
Pupal, 2, 12, 13, 15, 73, 76, 77, 79, 82, 126, 153, 163, 257, 270, 272, 330, 333, 347, 365, 711, 716
Puparia, 97, 98
Puparial, 82
Pupated, 712
Pupation, 13, 75, 147, 167, 513, 728, 729
Purification, 375, 487, 490, 493, 673, 677, 740, 744, 745
Purified, 44, 51, 93, 94, 249, 322, 375, 487, 489, 492, 493, 498, 668, 677, 720, 721, 739, 744
Purify, 740
Purity, 174, 742
Pycnidia, 39, 40
Pycnonotic, 310
Pymetrozine, 584, 585
Pyralid, 153
Pyralidae, 153, 155, 170, 179, 204, 340, 473, 519, 553, 678, 727, 734, 735, 737, 738
Pyralids, 529
Pyralis, 170
Pyraloid, 167
Pyraloidea, 170

Pyramidata, 190, 191
 Pyraustinae, 170
 Pyrethroid, 258, 262
 Pyrethroids, 627, 630
 Pyri, 70
 Pyricularia, 297, 507
 Pyridalyl, 631
 Pyrrolnitrin, 45, 46, 48, 51, 53
 Pythium, 54, 194, 291, 293, 300, 351, 353, 359, 360, 362, 382, 420, 424, 426, 451

Q

Quadrangular, 656
 Quadris, 396
 Quercetin, 355, 357, 358
 Quercus, 382, 411, 711, 718
 Quetotaxia, 515
 Queule, 495
 Quibor, 516
 Quinic, 487, 492, 494
 Quinn, 608, 614
 Quinoline, 192, 196
 Quinolinone, 196
 Quinones, 87, 89, 463, 685

R

Race, 36, 55, 60, 63, 65, 67, 321, 326, 395, 399, 402, 403, 406, 408
 Racedisease, 396
 Races, 59, 62, 64, 68, 189, 190, 212, 326, 352, 396, 397, 399, 402, 407, 573
 Racespecific, 395
 Radar, 607
 Ramularia, 111, 431, 432, 435, 438, 439
 Ramularioid, 109
 Ramusella, 301, 305, 307, 309, 311
 Rapa, 251, 254, 361
 Rapae, 8, 569, 574
 RAPD, 37, 223, 441, 442, 444, 450, 452, 498, 505, 507
 RAPDs, 441
 Rape, 165, 601
 Rapeseed, 75, 585
 Raphanus, 74, 646, 650
 Raphignathoid, 415, 416
 Raphignathoidea, 415, 417
 Rationale, 236
 Rationally, 237
 Ratios, 234, 316, 751
 rAUDPC, 397

Ray, 75, 466
 Raychaudhuri, 558, 560
 Rayen, 339, 341
 Rayeni, 225, 227, 229
 Rayner, 687
 Rays, 634, 640, 641
 Razavi, 159, 162, 164, 347, 498, 506, 528, 646, 652
 Razor, 12, 132
 Rbara, 254
 Rbdv, 538
 RCR, 3, 5, 331, 363, 365, 368, 371, 463, 465, 471, 475
 RCVMV, 563
 rDNA, 249, 251, 252, 255, 322, 324, 326, 348, 442, 448, 450, 721
 React, 742
 Reaction, 19, 26, 32, 36, 46, 47, 55, 61, 132, 247, 248, 250, 322, 323, 325, 326, 397, 399, 402, 404, 421, 441, 444, 450, 456, 499, 507, 533, 574, 677, 679, 705, 708, 720, 740, 742, 744
 Reactional, 479, 481, 483
 Reactions, 23, 60, 88, 218, 398, 399, 403, 404, 424, 456, 458, 459, 499, 536, 679, 706, 750
 Reactivation, 82
 Reactive, 419, 422, 424, 426
 Reactivity, 352
 Reacts, 421
 Reagent, 421, 676, 678
 Reagents, 52, 87, 658
 Rear, 273
 Reared, 1, 2, 5, 6, 12, 14, 15, 74, 97, 99, 101, 102, 114, 129, 167, 173, 174, 211, 213, 218, 268, 273, 274, 330, 331, 365, 368, 375, 386, 389, 464, 545, 547, 549, 552, 564, 586, 634, 636, 641, 713, 715, 728, 729, 736
 Rearing, 2, 11, 12, 16, 17, 74, 97, 98, 117, 225, 268, 272, 273, 364, 369, 386, 417, 547, 628, 630, 634, 712, 727, 728, 735
 Rebaudiana, 691, 692, 694, 698, 700, 702, 704
 Recaptured, 173, 176, 177
 Receptor, 258, 577
 Receptors, 53, 685
 Reclassification, 203, 744
 Recoded, 121, 126, 201
 Recombination, 447, 505
 Recovered, 43, 195, 242, 482, 596
 Recovery, 477
 Reculita, 701
 Recutita, 700
 Recycled, 657
 Reddish, 147, 280, 341, 498, 521, 522, 526, 658
 Reddy, 1, 8, 238, 255, 325, 460, 730
 Redefinition, 416
 Redescription, 415, 416

- Redescriptions, 302
Redia, 223, 310, 601
Regime, 444
Regimes, 74, 75, 179, 244, 435
Region, 25, 39, 41, 52, 59, 65, 66, 74, 86, 105, 121, 125, 139, 141, 165, 167, 178, 182, 192, 207, 213, 217, 223, 225, 248, 249, 251, 252, 274, 302, 307, 321, 323, 324, 337, 346, 348, 361, 374, 381, 382, 414, 415, 436, 441, 442, 445, 447, 448, 450, 487, 509, 522, 526, 527, 529, 530, 534, 535, 538, 560, 589, 595, 598, 601, 605, 606, 611, 614, 631, 650, 721, 747, 748, 750
Regional, 106, 405, 436, 437, 461, 513, 605, 607, 612, 613
Regions, 19, 29, 44, 61, 65, 107, 139, 152, 164, 167, 170, 178, 181, 201, 207, 208, 211, 226, 254, 267, 302, 321, 323, 329, 330, 337, 345, 347, 410, 412, 432, 448, 450, 451, 453, 454, 458, 459, 477, 478, 528, 534, 545, 597, 606, 611, 650, 652, 655, 706, 720, 722
Registered, 113, 223, 512
Regression, 315, 450, 563, 566, 567, 570, 605, 611, 613, 713
Relative consumption rate, 3, 5, 329, 332, 363, 365, 367, 463, 465, 467
Relative growth rate, 1, 3, 5, 329, 331, 333, 363, 367, 463, 465, 467, 471
Repel, 232, 236
Repelled, 285
Repellence, 92, 94
Repellency, 94, 236, 464
Repellent, 86, 231, 233, 236, 237, 262, 464, 473
Repellents, 391, 464, 631
Resistance, 2, 7, 8, 25, 29, 30, 35, 37, 45, 55, 59, 62, 64, 67, 74, 81, 82, 92, 97, 105, 106, 113, 116, 189, 195, 217, 218, 222, 223, 232, 264, 265, 277, 288, 290, 291, 296, 298, 299, 322, 325, 326, 329, 330, 334, 359, 370, 383, 385, 392, 395, 399, 401, 407, 419, 425, 428, 432, 437, 453, 454, 456, 458, 461, 464, 474, 478, 506, 507, 545, 546, 548, 550, 552, 556, 577, 585, 586, 627, 628, 630, 631, 633, 634, 639, 641, 656, 671, 703, 705, 707, 719
Resistances, 406
Resistant, 2, 6, 43, 45, 46, 59, 62, 65, 66, 217, 218, 220, 222, 224, 277, 279, 280, 282, 283, 285, 286, 291, 294, 329, 351, 352, 356, 357, 395, 396, 398, 400, 403, 406, 437, 442, 453, 454, 458, 459, 474, 488, 505, 545, 546, 552, 553, 555, 560, 623, 630, 631, 639, 705, 706, 716, 721
Revolution, 213
Revolutionary, 702
Rey, 451
Reza, 43, 59, 189, 313, 617
RFLP, 21, 25, 247, 249, 251, 253, 256, 498, 505
RGR, 1, 3, 5, 9, 329, 331, 333, 363, 365, 368, 371, 463, 465, 471, 475
Rhamnopyranoside, 661
Rhaphignathoidea, 415
Rhinoppia, 301, 303, 305, 306, 310, 311
Rhipicephalus, 688
Rhizactonia, 432
Rhizobacter, 54
Rhizobacteria, 36, 50, 54, 383, 623, 624, 702
Rhizobia, 51
Rhizobium, 44, 50, 52, 217
Rhizoctonia, 36, 44, 190, 291, 293, 296, 300, 351, 353, 359, 362, 382, 431, 434, 435, 439, 451, 483
Rhizogenesis, 479, 481, 483
Rhizomorph, 477, 479, 481, 483
Rhizomorphogenesis, 483
Rhizomorphs, 479
Rhizophagous, 153
Rhizopus, 53, 193
Rhizopycnis, 325
Rhizosphere, 30
Rhizosphere, 31, 43, 46, 47, 49, 52, 54, 56, 241, 373, 375, 379, 380, 382
Rhythm, 74, 82
Rhyzopertha, 113, 117, 287, 464, 473, 662
Ribosomal, 25, 41, 248, 251, 255, 321, 326, 327, 449, 585, 689, 725
Richness, 170
RNA, 24, 41, 251, 321, 326, 327, 538, 540, 542, 678, 689, 725, 739
RNAs, 538
RNase, 322
Roller, 167, 170, 171, 711, 712, 715, 717
Rollers, 529
Root, 25, 29, 30, 32, 35, 37, 43, 44, 46, 48, 51, 52, 54, 55, 94, 114, 129, 153, 189, 190, 193, 196, 241, 245, 249, 291, 292, 294, 296, 313, 314, 325, 351, 361, 373, 383, 422, 426, 431, 435, 455, 477, 479, 481, 484, 488, 490, 493, 510, 536, 538, 539, 541, 608, 609, 658, 667, 668, 671, 672, 689, 691, 696, 699, 701, 703, 705, 708, 749, 751
Rosa, 169, 191
Rosaceae, 70, 88, 191
Rosaceous, 128
Rosea, 169
Rosemary, 352
Roses, 428
Rosette, 99
Roseus, 248, 255
Rosmarinus, 190, 464, 472
Rostrum, 302, 303, 306, 308

Rot, 37, 41, 43, 44, 50, 52, 56, 189, 190, 195, 292, 295, 325, 360, 361, 383, 431, 435, 453, 462, 477, 478, 482, 484, 535, 624, 705, 708
Rota, 170
Rotary, 314, 488, 619, 677
Rotation, 43, 212, 217, 351, 357, 363, 435, 459, 460
Rotations, 595
Rots, 43, 55, 460, 705, 706
Rotting, 43, 668
Rotundata, 484, 540
Ruficornis, 339
Rufiventris, 104
Rust, 128, 223, 321, 322, 324, 327, 395, 408, 432
Rustica, 540
Rusting, 395, 398, 400, 408
Rusts, 59, 325, 326, 406, 407
Rutaceae, 191, 192

S

Saccharomyces, 624
Sacculus, 168, 169
Salicaceae, 200, 201, 326, 364
Salicaceous, 369
Salicales, 364
Salicylate, 364
Salicylic, 30, 37
Salinity, 37, 419, 426
Salix, 163, 257, 363, 364, 366, 367, 371
Salomon, 540
Samoa, 168
Sample, 22, 61, 63, 132, 146, 191, 242, 280, 302, 375, 442, 465, 488, 491, 492, 657, 658, 679, 693, 740, 748
Samples, 19, 23, 30, 39, 40, 60, 97, 98, 132, 139, 149, 151, 182, 218, 219, 242, 250, 278, 279, 302, 321, 324, 338, 353, 375, 386, 410, 414, 421, 422, 443, 444, 453, 455, 458, 465, 498, 512, 534, 557, 558, 589, 590, 618, 657, 677, 692, 720, 739, 741, 747, 748, 750, 751
Sampling, 32, 46, 63, 97, 98, 158, 162, 167, 173, 175, 177, 185, 242, 338, 498, 503, 510, 513, 519, 555, 594, 644, 650, 730, 747, 748, 750
Samplings, 32, 510
Sap, 131, 132, 136, 233, 260, 263, 385, 435, 535, 536, 563, 577
Sapindaceae, 265
Sapindales, 265
Saponari, 26
Saponins, 85, 193, 194, 236, 658, 660, 661
Satellite, 324

Sativa, 159, 160, 162, 190, 194, 339, 341, 497, 506, 560, 643, 645, 647, 650, 654
Sativae, 106, 153
Sativum, 232, 238, 506, 540, 573, 702
Sativus, 37, 74, 190, 427, 507, 545, 546, 646, 650
Sawflies, 163, 164, 200
Scale, 128, 218, 222, 242, 255, 274, 275, 277, 280, 282, 284, 287, 313, 317, 352, 397, 406, 432, 433, 437, 442, 455, 459, 460, 472, 478, 505, 528, 541, 613, 618, 688, 691, 744, 754
Scales, 168, 182, 398, 748
Scaling, 461, 618
Sclerotia, 52, 55
Sclerotinia, 56, 291, 293, 300, 352, 484
Sclerotiorum, 291, 294, 296, 297, 300, 352
Sclerotised, 184, 185
Sclerotium, 360, 432, 725
Sclerotization, 687
Sclerotized, 168, 169, 185, 306
Scolytidae, 262, 265, 597
Scolytinae, 596
Scoparia, 471, 474
Scopoli, 11, 18, 217, 218, 223, 224, 519, 521, 531, 570
Scorch, 131, 132, 135
Scorching, 131
Score, 234, 280, 282, 284, 479, 547, 549
Scored, 259, 281, 283, 284, 421, 455, 499
Scores, 280, 283, 548
Scoring, 283, 433
Scott, 54, 76, 78, 79, 82, 155
SCP, 145, 154, 156
SCPs, 145, 153
Screen, 75, 454, 458, 499, 687
Screened, 61, 189, 190, 192, 283, 284, 286, 353, 453, 628
Screening, 37, 43, 55, 85, 189, 191, 193, 196, 217, 277, 279, 280, 359, 438, 553, 657, 688
Scrobipalpa, 145, 146, 154, 156
Scrobipalpula, 514, 515
Scrophulariaceae, 191
Scutelleridae, 571, 678
Scutellum, 182, 185, 340, 341, 521, 526, 649, 678
Scymnus, 273, 275
Searching, 174, 178, 179, 323, 488, 563, 564, 567, 568, 570, 572, 574, 724
Seed, 2, 19, 30, 36, 37, 43, 44, 59, 61, 65, 67, 75, 219, 231, 233, 242, 248, 253, 258, 264, 278, 280, 291, 321, 322, 351, 352, 357, 359, 361, 374, 381, 395, 398, 405, 453, 455, 457, 461, 489, 493, 497, 500, 504, 506, 572, 578, 584, 601, 624, 655, 658, 660, 664, 699, 706
Seedenterobacter, 51
Seeding, 454, 707
Seedless, 20, 22

- Seedling, 30, 32, 59, 292, 325, 326, 398, 399, 406, 421, 458, 459, 481, 489, 490, 493, 494, 497, 564, 668, 705, 707
- Seedlings, 29, 31, 46, 48, 242, 253, 322, 325, 375, 376, 402, 406, 421, 450, 460, 477, 479, 481, 483, 489, 490, 497, 499, 547, 564, 691, 692, 701, 706
- Seeds, 1, 2, 6, 8, 31, 61, 94, 218, 232, 238, 242, 248, 280, 281, 285, 286, 292, 334, 359, 376, 397, 420, 426, 455, 457, 458, 479, 487, 495, 540, 547, 584, 602, 634, 655, 658, 660, 662, 706, 707
- Segment, 70, 99, 101, 102, 140, 161, 168, 200, 201, 323, 521, 522, 526, 559, 645, 648, 650
- Segmented, 69, 70, 99, 101, 102, 521, 649
- Segments, 69, 70, 160, 161, 168, 182, 183, 201, 340, 341, 410, 422, 521, 522, 526, 541, 559, 692
- Semiarid, 181, 594
- Semicircular, 306, 521, 522
- Semiclausum, 643, 646, 650, 654
- Sensilla, 70
- Sensillar, 306, 309
- Sensilli, 302, 303
- Sensillus, 306, 308
- Sensitive, 19, 20, 23, 24, 116, 211, 258, 291, 294, 296, 351, 432, 493, 534, 629, 669, 671, 728
- Sensitively, 685
- Sensitivities, 583, 623
- Sensitivity, 80, 291, 296, 297, 468, 471, 472, 474, 477, 478, 484, 583, 741
- Sensor, 675, 676, 682, 684, 687
- Sensors, 357
- Sensory, 236, 245, 258, 639
- Sensu, 313, 314, 320
- Septate, 110, 500, 721
- Septempunctata, 213
- Septoria, 498
- Sequence, 39, 232, 249, 251, 253, 255, 321, 324, 326, 442, 444, 449, 505, 506, 538, 585, 676, 677, 679, 687, 688, 720, 722, 724, 729, 741, 742, 745
- Sequenced, 247, 249, 251, 321, 323, 720, 721
- Sequences, 25, 40, 247, 249, 251, 252, 255, 321, 324, 442, 444, 448, 450, 451, 504, 506, 507, 535, 720, 722, 723
- Sequencing, 41, 249, 323, 327, 442, 450, 677, 689, 720, 725
- Sequential, 534
- Sequester, 146
- Serological, 54, 535, 542, 739, 744
- Sesame, 254, 255
- Sesamia, 734, 737
- Sesquiterpene, 114
- Sesquiterpenes, 86
- Seta, 303, 412, 413
- Setae, 69, 70, 99, 101, 102, 201, 225, 301, 303, 306, 309, 341, 410, 414, 649
- Setal, 302, 303, 410, 414
- Severity, 29, 30, 32, 35, 222, 374, 395, 397, 398, 400, 402, 404, 419, 422, 433, 435, 455, 457, 460, 471, 472, 724
- Sex, 13, 114, 122, 127, 129, 170, 174, 176, 259, 385, 390, 392, 510, 546, 553, 555, 573, 579, 585, 613, 712, 727, 729, 735, 737
- Sexes, 79, 207, 208, 414, 546, 553, 585, 735
- Sexmaculata, 233
- Sexta, 687, 689
- Sexually, 214
- Shoot, 24, 39, 191, 233, 234, 291, 292, 294, 296, 351, 358, 376, 378, 379, 419, 420, 422, 426, 489, 490, 493, 533, 535, 538, 540, 542, 696, 699, 706
- Shoots, 194, 233, 248, 292, 295, 355, 386, 419, 421, 423, 425, 426, 489, 533, 535, 536, 538, 539, 693, 747
- Siderophore, 45, 47, 50, 52, 54
- Siderophores, 50, 51, 53
- Siderophoreys, 52
- Sieve, 21, 23, 61, 279, 668, 677, 692
- Sigmoid, 572
- Signal, 420, 742, 743
- Signaling, 676
- Silica, 87, 117, 297, 299, 420, 427, 428, 488
- Silicate, 421, 426
- Silico, 249
- Silicosec, 116
- Silk, 447, 450, 453, 455, 460, 628
- Silking, 455, 458
- Silverleaf, 487, 488, 494, 495
- Sinapis, 109, 110, 112
- Sinensis, 169
- Sitiphilus, 334
- Sitobion, 16, 212, 569, 571, 573
- Sitophilus, 113, 116, 118, 154, 277, 285, 287, 290, 464, 472, 473, 655, 659, 661, 665, 677
- Sitosterol, 488
- Sitotroga, 173, 174, 177, 180, 288
- Situ, 132, 133, 673
- Skeletal, 352, 664
- Skewness, 750, 751
- Slices, 539, 741
- Slope, 549, 629
- Soil borne, 190, 351, 356, 357, 668, 706
- Soil, 30, 32, 35, 37, 39, 43, 44, 46, 56, 59, 75, 86, 153, 173, 174, 181, 190, 232, 241, 245, 257, 258, 260, 261, 263, 292, 296, 302, 303, 314, 351, 353, 356, 357, 359, 360, 373, 384, 409, 416, 419, 426, 428, 458, 460, 477, 479, 483, 494, 513, 535, 578, 589, 598, 600, 603, 631, 634, 668, 671, 672, 677,

- 688, 689, 691, 696, 698, 703, 705, 706, 720, 747, 754, 755
Soilborne, 53, 244, 432, 705
Soils, 43, 46, 49, 51, 52, 54, 244, 309, 373, 378, 381, 419, 497, 590, 594, 601, 688, 691, 692, 700, 702, 754
Solanaceae, 329, 471, 472, 487, 495, 496, 707
Solanaceous, 179, 255, 329, 333, 334, 509, 510, 515
Solani, 36, 44, 190, 291, 294, 296, 297, 300, 351, 356, 359, 360, 362, 431, 434, 435, 439, 451, 483
Solanidine, 488
Solaniin, 36
Solanine, 488
Solanum, 30, 31, 241, 244, 247, 254, 256, 268, 329, 330, 426, 487, 488, 490, 492, 496, 509, 560
Solarization, 54, 244
Solubility, 88, 92, 192, 740, 742
Solubilized, 421
Solubilizing, 701
Soluble, 88, 360, 420, 426, 443, 488, 493, 685, 688, 742, 745
Solute, 623
Solution, 75, 232, 259, 291, 292, 297, 322, 330, 375, 386, 421, 422, 424, 427, 478, 534, 547, 564, 634, 635, 658, 668, 678, 685, 692
Solutions, 259, 299, 405, 422, 426, 433, 436, 623, 628
Solvent, 87, 88, 92, 114, 192, 353, 484, 488, 489
Solvents, 85, 90, 92, 489, 657
Solving, 269
Somaclonal, 541
Somatic, 447
Sonicated, 740, 742
Sonication, 742
Sophora, 204, 630
Sorbic, 2
Sorbitol, 47
Sorche, 601
Sorghum, 53, 285, 288, 360, 720
Sowing, 292, 376, 380, 455, 572
Sown, 31, 61, 75, 218, 232, 405, 420, 454, 455, 489
Soxhlet, 488
Soy, 45, 288
Soybean, 1, 6, 8, 12, 43, 44, 46, 55, 173, 190, 194, 222, 223, 244, 330, 333, 335, 369, 546, 552, 555, 574, 586, 622, 641, 672, 739
Soybeans, 329
Space, 44, 236, 340, 348, 369, 521, 522, 648
Spaced, 259, 260, 397, 414, 415, 482
Spacer, 39, 42, 248, 251, 252, 321, 322, 327, 442, 677, 721, 722
Spatial, 214, 513, 600, 606, 607, 612, 614, 747, 748, 750, 752, 754, 756
SPE, 196
Spearman, 219, 221
Speciation, 207, 326
Specie, 595
Species, 6, 8, 11, 17, 29, 36, 41, 43, 44, 51, 52, 60, 61, 63, 64, 69, 70, 74, 76, 79, 81, 85, 86, 88, 92, 93, 95, 97, 99, 101, 102, 104, 107, 109, 111, 117, 131, 136, 139, 142, 145, 146, 152, 153, 155, 157, 159, 162, 165, 167, 168, 170, 173, 175, 177, 179, 181, 182, 184, 186, 189, 190, 192, 195, 200, 204, 207, 208, 211, 214, 218, 222, 223, 225, 226, 231, 233, 234, 236, 237, 247, 257, 258, 264, 265, 267, 275, 294, 297, 298, 301, 302, 304, 306, 308, 310, 316, 321, 323, 327, 329, 330, 337, 341, 345, 347, 351, 353, 354, 356, 359, 360, 363, 367, 370, 374, 376, 380, 382, 385, 389, 390, 395, 409, 417, 419, 424, 434, 435, 441, 442, 448, 451, 453, 459, 460, 464, 474, 487, 488, 490, 493, 495, 497, 500, 502, 504, 508, 510, 513, 519, 520, 527, 530, 533, 539, 552, 554, 555, 557, 560, 563, 564, 570, 572, 577, 584, 589, 590, 594, 596, 598, 600, 602, 603, 605, 606, 611, 612, 623, 639, 643, 645, 650, 653, 656, 667, 668, 670, 672, 676, 678, 685, 686, 688, 705, 708, 711, 716, 718, 719, 721, 722, 724, 727, 728, 739, 747
Specifically, 79, 86, 352, 676, 686, 691
Specificity, 105, 325, 600, 679, 724, 741, 745
Specimen, 110, 160, 161, 302, 303, 342, 344, 414, 649
Specimens, 3, 69, 98, 105, 109, 110, 139, 141, 157, 159, 167, 169, 182, 200, 202, 208, 226, 302, 338, 339, 345, 410, 417, 498, 519, 520, 529, 558, 590, 644, 712
Spectacular, 519
Spectra, 432, 491
Spectral, 491, 492
Spectrometer, 488
Spectrometry, 352, 422
Spectrophotometer, 322, 375, 421, 678
Spectrophotometers, 488
Spectrophotometric, 279, 288, 619, 678
Spectrophotometrically, 443
Spectrophotometry, 692
Spectroscopic, 487, 488
Spectroscopy, 353
Spectrums, 436
Sphaerotheca, 319, 419, 421, 425, 427, 429
Spiders, 163, 164, 233, 235, 237, 416
Spinosad, 105, 627, 628, 631
Spiracle, 521, 523, 650
Spiracles, 181, 645, 648
Spiraea, 495
Spiroplasma, 19, 23, 25, 27
Spiroplasmas, 24
Spirosolane, 495
Spirotetramat, 631
Spodoptera, 7, 329, 332, 336, 369, 432, 640, 715, 717, 737

- Spoliation, 623
Sporadic, 176, 376
Sporangia, 706
Spore, 30, 47, 53, 313, 314, 316, 318, 357, 375, 376, 443, 447, 448, 455, 498, 620, 677, 687
Spores, 30, 32, 59, 61, 298, 301, 313, 316, 326, 360, 375, 376, 397, 409, 448, 677
Sporulated, 40
Sporulating, 375
Sporulation, 318, 352, 375, 376, 400, 401, 498
Spot, 54, 109, 183, 185, 431, 436, 458, 460, 481, 484, 492, 497, 499, 504, 506, 507, 719, 721, 724
Spots, 21, 89, 110, 182, 185, 433, 435, 436, 488, 490, 492, 497, 504, 521, 522, 546, 720, 721, 739
Spotted, 87, 207, 431, 552, 555, 586
Spotts, 623, 624
Spray, 121, 128, 257, 259, 261, 262, 459, 630
Sprayed, 257, 259, 261, 263, 397, 499, 535, 578, 581
Sprayer, 259, 314, 578
Spraying, 122, 128, 258, 260, 262, 263, 297, 432, 488, 579, 628, 631
Sprays, 122, 127, 234, 262, 390, 432, 436, 454, 663
SPSS, 3, 75, 88, 114, 118, 147, 155, 209, 280, 331, 353, 376, 387, 397, 466, 573, 669, 713, 721
Squeeze, 678
Stain, 20, 21, 24, 676
Stained, 20, 21, 23, 249, 251, 323, 444, 499, 677, 692, 740, 742, 743
Staining, 20, 21, 287, 499
Stainless, 279
Stalk, 53, 140, 302, 453, 459, 539
Stalks, 43, 110, 557
Standardization, 278, 317
Standardized, 232, 359
Standards, 175, 178, 421
Standpoint, 273
Staphylinidae, 139
Staphylococcus, 736
Starch, 6, 277, 279, 283, 284, 286, 316, 375, 655
Starchy, 655
Starvation, 152, 153
Starve, 364
Starved, 146, 147, 149, 150, 152, 153, 465, 635
Statistic, 244, 608, 748, 751
Statistica, 510
Stem, 29, 31, 43, 47, 51, 52, 56, 89, 132, 146, 155, 173, 211, 214, 223, 241, 243, 249, 250, 259, 265, 288, 321, 322, 325, 326, 360, 395, 479, 481, 483, 540, 620, 656, 663, 691, 693, 694, 699, 744
Stemborer, 288
Stemphylium, 54
Stems, 21, 43, 46, 85, 87, 89, 92, 135, 167, 225, 233, 236, 406, 420, 424, 513, 693
Stenico, 23, 25
Stenocephala, 191, 194
Sterile, 30, 31, 40, 43, 51, 61, 85, 87, 92, 248, 259, 314, 323, 353, 375, 376, 455, 464, 465, 478, 489, 498, 499, 534, 619, 620, 668, 669, 678, 720, 721, 741
Sterility, 80
Sterilization, 82
Sterilized, 31, 39, 44, 86, 192, 292, 322, 323, 353, 376, 420, 479, 489, 498, 620, 657, 668, 670, 677, 705, 706, 721
Sternite, 70, 340
Sternites, 70
Sternorrhyncha, 274
Steroidal, 488, 658
Steroids, 85, 352
Sterols, 87, 89, 193, 236, 495, 685
Stevia, 691, 692, 694, 702, 704
Stigmaeid, 415, 416
Stigmaeidae, 409, 410, 412, 414, 418
Stigmaeids, 409
Stigmaeus, 410, 412, 415, 417
Stigmasterol, 488
Stilmant, 570, 573
Stimulants, 367
Stimulate, 145
Stimulated, 39, 152, 623
Stimulates, 241
Stimulation, 699
Stimulatory, 192, 193
Stimuli, 236, 639, 676
Storage, 113, 275, 277, 279, 287, 289, 334, 454, 458, 463, 472, 473, 539, 617, 618, 620, 623, 655, 660, 663
Storages, 114, 195, 453
Store, 241, 367
Stored, 20, 54, 79, 82, 113, 114, 116, 118, 132, 139, 147, 182, 259, 277, 280, 286, 288, 302, 334, 353, 375, 398, 443, 455, 463, 465, 472, 474, 478, 488, 498, 578, 599, 602, 617, 619, 621, 655, 656, 658, 660, 662, 664, 678, 679, 686, 740, 741, 755
Strain, 43, 48, 51, 53, 55, 56, 85, 87, 89, 92, 127, 136, 178, 248, 251, 253, 297, 375, 376, 450, 460, 504, 570, 578, 583, 585, 622, 623, 630, 740
Strained, 677
Strains, 23, 44, 48, 51, 54, 85, 86, 88, 90, 131, 135, 190, 193, 251, 253, 255, 291, 318, 375, 376, 381, 450, 455, 474, 483, 505, 506, 541, 618, 619, 624, 673, 742
Stramenopila, 296
Stramonium, 471, 472
Strand, 129, 233, 739
Strands, 248

- Strategies, 2, 43, 86, 145, 165, 179, 208, 228, 231, 241, 278, 326, 406, 433, 436, 464, 514, 516, 546, 627, 630, 634, 639, 663, 705, 711, 742, 748
- Strategy, 2, 59, 60, 146, 155, 264, 278, 390, 391, 435, 622, 627, 630, 634, 639, 719, 744, 748
- Straten, 510, 516
- Streptomycin, 30, 31, 478, 668, 720
- Stress, 7, 54, 73, 76, 78, 79, 81, 82, 131, 136, 334, 369, 419, 420, 422, 424, 428, 458, 688, 689, 703, 708
- Stresses, 73, 74, 79, 81, 419, 420, 425, 427, 623
- Striiformis, 324, 326, 327, 395, 396, 400, 401, 405, 408
- Strinatii, 308
- Strip, 201, 522
- Stripe, 183, 185, 395, 396, 405, 407, 521
- Stripes, 183, 185, 519, 521
- Stromata, 109, 110
- Stubborn, 19, 20, 22, 24, 26
- Stylet, 750
- Styli, 182, 226
- Stylus, 184
- Subcapitulum, 301
- Subcellular, 542
- Subcircular, 110
- Subcluster, 221, 222
- Subcubital, 201
- Subcultured, 443
- Subcutaneously, 741
- Subcylindric, 110
- Subcylindrical, 184
- Subdistance, 219
- Subdivided, 190, 397, 398
- Subequal, 226
- Subgenera, 301
- Subgenus, 184, 201, 302, 303, 416, 599
- Subglobular, 184
- Subgroup, 247, 251, 254, 255, 398
- Subgroups, 249, 251, 254
- Sublethal, 514, 585, 586
- Submarginal, 99
- Suboptimal, 81
- Suborder, 69, 70, 181, 225, 227, 310
- Subspecies, 165, 223, 321, 324, 529, 652, 687
- Substrate, 483, 512, 657, 661, 668, 728, 741
- Substrates, 225, 314, 317, 623, 639, 668, 671, 685, 689
- Subtropical, 85, 225, 244, 245, 267, 420, 487, 655, 656
- Subtropics, 655, 701
- Subzero, 145, 146, 152, 154
- Succulent, 747
- Sucking, 231, 234, 258, 432, 433, 435, 436, 546, 577
- Sucrose, 375, 534, 535, 538, 541, 622, 691, 721, 741
- Sugar, 55, 56, 70, 146, 152, 153, 248, 278, 314, 316, 325, 329, 330, 335, 353, 359, 361, 375, 376, 381, 390, 413, 479, 597, 617, 619, 621, 623, 634, 635, 658, 672, 739
- Sugarbeet, 309, 359
- Sugarcane, 541, 720, 734, 737
- Sugars, 145, 539, 623
- Suitability, 11, 12, 16, 17, 213, 273, 333, 367, 370, 514, 552, 639, 711, 712
- Suitable, 16, 66, 124, 152, 258, 263, 267, 272, 321, 329, 333, 357, 367, 368, 375, 435, 441, 454, 458, 483, 512, 552, 618, 692, 716, 735, 742
- Sulfate, 465
- Sulfhydryl, 422
- Sulfhydryl, 419, 421, 424, 426
- Sulfuric, 658
- Sulphate, 720
- Sulphur, 478, 483, 516
- Sulphuric, 658
- Sunburned, 420
- Sunflower, 2, 8, 52, 330, 353, 411, 584
- Sunn, 173, 211, 214, 241, 246
- Supercooling, 155
- Supercool, 145, 150, 152
- Supercooled, 152
- Supercooling point, 145, 146, 149, 155
- Supercooling, 145, 149, 151, 155
- Superfamilies, 598
- Superfamily, 98, 181, 182, 186, 309, 415, 416, 653, 676
- Superficially, 61
- Supernatant, 32, 45, 421, 740, 742
- Supernatants, 742
- Superoxide, 426
- Superparasitism, 573
- Suppress, 30, 231, 241, 244, 273, 426, 583, 661, 719
- Suppressalis, 153, 155, 211, 214
- Suppressed, 44, 51, 231, 233, 234, 242, 244, 459
- Surfactant, 578
- Surveillance, 326, 433, 540, 605, 606, 612
- Survey, 19, 25, 39, 62, 66, 70, 128, 157, 158, 160, 162, 164, 166, 170, 173, 225, 227, 254, 267, 347, 391, 409, 431, 433, 435, 437, 509, 510, 519, 520, 522, 524, 526, 528, 530, 572, 594, 596, 600, 602, 640, 643, 651, 719
- Survival, 11, 17, 53, 55, 73, 76, 80, 82, 145, 146, 153, 155, 163, 222, 238, 259, 261, 263, 268, 271, 275, 277, 286, 369, 379, 380, 382, 383, 386, 436, 473, 533, 536, 538, 539, 542, 546, 547, 549, 550, 552, 553, 555, 579, 581, 621, 623, 634, 712, 715, 716, 729, 731, 734, 750, 751
- Survive, 43, 59, 76, 145, 146, 152, 436, 464, 552, 557, 622, 729
- Survived, 153, 435
- Surviving, 43, 479, 580
- Survivor, 535
- Survivors, 536

Survivorship, 1, 5, 129, 334, 392, 557, 735, 737
Susceptibility, 7, 24, 25, 37, 60, 93, 113, 117, 153, 218, 248, 277, 278, 283, 289, 299, 334, 359, 396, 398, 401, 420, 460, 474, 578, 584, 586, 627, 628, 630, 632, 717
Susceptible, 19, 23, 61, 62, 66, 113, 114, 117, 153, 217, 222, 242, 279, 280, 282, 286, 322, 356, 357, 379, 395, 404, 432, 436, 450, 453, 455, 456, 474, 490, 493, 497, 509, 545, 552, 553, 583, 617, 633, 639, 705, 706, 715, 716
Suspended, 248, 322, 478, 677
Suspension, 30, 32, 44, 46, 87, 314, 375, 376, 421, 455, 465, 494, 499, 579, 619, 620, 668, 669, 677, 678, 685
Suspensions, 87, 376, 455, 499, 578, 677
Sustainability, 663
Sustained, 263
Suture, 99, 101, 102, 185, 410, 521
Sutures, 340
Sweep, 157, 158, 519, 522
Sweeping, 182, 208, 226, 338, 644
Sweetpotato, 736
Symbionts, 383
Symbiosis, 217
Symbiotic, 51, 699
Symptom, 248, 419, 479, 481, 483
Symptomatic, 39, 40, 132, 222, 248, 249
Symptomatology, 249
Symptomless, 250, 533, 541
Symptoms, 19, 21, 23, 26, 29, 31, 39, 40, 52, 92, 109, 131, 132, 135, 247, 250, 253, 279, 397, 442, 461, 477, 479, 481, 482, 497, 498, 504, 533, 536, 706, 720, 722
Synapses, 661
Synchronization, 244
Syndrome, 288, 744
Synergism, 51, 585
Synergistic, 116, 118, 378, 464, 540, 583, 585, 700
Synoptic, 175
Syntergite, 140
Synthesis, 36, 79, 80, 297, 299, 601, 678, 699
Synthesize, 51
Synthesized, 5, 79, 135, 297, 299, 443, 535, 678
Synthesizing, 145
Synthetic, 93, 127, 128, 190, 231, 232, 234, 241, 265, 296, 351, 352, 360, 385, 477, 483, 514, 606, 617, 627, 630, 675, 678, 680, 684, 688
Synthetically, 352
Syringae, 56
Syringe, 353
Syrphid, 162, 233, 237
Syrphidae, 162, 165, 650, 653
Syrphophilus, 157, 160, 166, 652

Syrphus, 233, 237
SYSTAT, 315
System, 7, 30, 79, 135, 140, 170, 174, 232, 274, 277, 313, 374, 377, 379, 419, 433, 436, 447, 450, 477, 482, 487, 488, 490, 492, 499, 500, 506, 507, 514, 535, 540, 546, 547, 605, 606, 612, 613, 627, 630, 662, 692, 699, 736, 739, 744, 748
Systematic, 7, 25, 164, 203, 212, 213, 254, 255, 273, 309, 368, 415, 416, 451, 495, 530, 598, 602, 725
Systematics, 170, 212, 213, 337, 369, 370, 554, 573, 600
Systemic, 35, 36, 55, 135, 258, 263, 265, 398, 428, 459, 478, 483
Systemically, 135, 391
Systems, 12, 50, 51, 122, 190, 217, 223, 232, 236, 370, 406, 436, 437, 442, 488, 516, 572, 601, 612, 663, 744, 748, 754
Syzygium, 231, 232, 238, 239

T

Tabaci, 69, 74, 79, 80, 231, 239, 514, 553, 584, 585, 631
Tabacum, 510
Tactic, 43
Tactics, 122, 127, 514, 516, 572, 633
Tactile, 639
Tannic, 8
Tannins, 85, 193, 658, 660, 661
Taq, 20, 21, 248, 499, 676, 677, 679, 720
Taqi, 19, 21, 22, 24, 27, 249, 253
Taraxacum, 160, 162
Target, 2, 20, 178, 179, 189, 231, 232, 235, 258, 278, 314, 357, 448, 478, 558, 578, 719
Targeted, 122, 435, 656
Targeting, 664
Targets, 322, 505
Tarsal, 140, 410, 522, 526, 664
Tarsi, 70, 341, 414, 415, 522
Tarsonemidae, 310
Tarsus, 69, 413, 526, 559, 645
Taxa, 25, 109, 339, 519, 527, 529, 644
Taxonomy, 450
Taxapad, 107, 165, 348, 530, 653
Taxon, 110, 528
Taxonomic, 111, 164, 170, 218, 287, 450, 573, 585, 650
Taxonomically, 519
Taxonomische, 227
Taxonomy, 107, 109, 165, 167, 204, 223, 228, 324, 337, 348, 500, 506, 507, 519, 530, 598, 602
Taxus, 602
Taylor, 41, 154, 201, 203, 322, 326, 327, 689, 747, 748, 755

- Tea, 267, 268, 272, 273, 359, 382, 586, 614, 701
Tecophilic, 299
Teleomorphs, 507
Teleomorph, 441, 442
Teleomorphs, 449, 450
Teliospore, 60, 61, 63
Teliospores, 59, 61, 65
Telomorphic, 447
Template, 20, 21, 248, 443, 444, 499, 679, 720, 742
Tenebrionid, 154
Tenebrionidae, 79, 81, 114, 118, 214, 463, 472, 475, 678
Tenthredinidae, 163, 200
Tenuiflorum, 232
Tenuipectinata, 306
Tenuis, 513, 514, 516
Tephritidae, 82, 154, 212, 554, 573
Tephritids, 273
Terebrantia, 69, 70, 105, 107
Tergite, 69, 70, 99, 101, 103, 160, 201, 340, 521, 524, 526
Tergites, 69, 70, 160, 181, 183, 185, 340, 521, 525, 650
Terpenes, 85, 236, 513
Terpenoid, 36
Terpenoids, 193, 236, 377
Terpernoids, 661
Terpineol, 236
Terrestrial, 80, 153, 155, 369, 595
Tersilochinae, 157, 158, 162, 166, 529
Tersilochus, 164
Tetraborate, 678
Tetramera, 498
Tetranucleotide, 442, 447
Tetranychidae, 415, 545, 553, 556, 586
Tetranychoidae, 415
Tetranychus, 545, 548, 551, 553, 556, 586
Tetrastichinae, 200, 203
Tetrazolium, 740
Texture, 279, 280, 285, 692
Textured, 226
Thamnotettix, 226
Thaumatotibia, 153
Thaumatopoea, 335
Thaxterosporium, 386
Thelytokous, 603
Theoretical, 8, 223, 451, 612, 748
Theories, 754
Theory, 231, 237, 573, 613, 623, 624, 729, 735, 736
Therapeutic, 85, 86, 299, 663
Therapeutics, 299, 737
Thermal, 79, 81, 82, 121, 123, 146, 179, 248, 499, 514, 540, 611, 612, 737, 754
Thermocouple, 146
Thermosensitivity, 80
Thermotherapy, 533, 536, 538, 539, 541, 542
Thermotolerance, 74, 81, 82
Thespesia, 169
Thiabendazol, 45, 47
Thiamethoxam, 232, 233, 459, 583, 628
Thicken, 739
Thickened, 110, 521, 523
Thickening, 302
Thicker, 693
Thickness, 132, 279, 281, 282, 286
Thigmokinetic, 627
Thiogalactoside, 740
Thiram, 291, 292, 294, 455, 457, 458
Thorax, 161, 181, 201, 226, 342, 344, 650
Threat, 275, 321, 326, 477
Threatening, 416, 719
Threatens, 395, 545
Threats, 39, 352, 458
Threshed, 397
Threshold, 80, 81, 127, 263, 434, 514, 608, 611
Thresholds, 121, 124, 737
Thripidae, 69, 71, 72, 555, 572, 627, 630, 632
Thripinae, 69, 72
Thrips, 69, 71, 231, 234, 236, 258, 263, 264, 553, 555, 627, 632, 750
Thuringiensis, 7, 432, 437, 438
Thyme, 352, 357
Thymus, 190, 195
Thyridanthrax, 182, 183
Thyridia, 140
Thysanoptera, 69, 72, 555, 572, 627, 630, 632, 750
Tibia, 140, 201, 340, 413, 414, 520, 522, 526, 645
Tibiae, 225, 341, 414, 415, 520, 522
Tillage, 360, 361
Tilletia, 59, 60, 62, 64, 66, 68, 498, 506
Timing, 127, 129, 174, 264, 460, 553, 612, 614, 735
Tissue, 5, 32, 88, 248, 330, 356, 364, 421, 424, 450, 471, 489, 493, 519, 534, 535, 539, 542, 546, 668, 692, 695, 706, 712, 750
Tissues, 20, 29, 39, 40, 43, 131, 133, 136, 146, 263, 267, 356, 360, 419, 424, 442, 464, 479, 628, 711
Tissus, 541
Titration, 742
Titrations, 741, 742
Tolerance, 74, 79, 81, 82, 135, 136, 145, 146, 152, 155, 217, 222, 313, 402, 419, 420, 426, 428, 458, 546, 634, 688, 703
Tolerances, 74
Tolerant, 37, 60, 113, 117, 145, 152, 155, 222, 241, 359, 428, 450, 716
Tolerate, 146
Tolerated, 715

- Tomato, 1, 7, 29, 32, 34, 38, 85, 89, 92, 106, 173, 174, 176, 178, 180, 194, 241, 245, 247, 250, 253, 254, 329, 331, 333, 361, 373, 383, 426, 427, 509, 516, 541, 546, 555, 586, 630, 668, 671, 672, 699, 702
- Topography, 585, 607, 614, 678
- Topology, 219
- Tortix, 154, 718
- Tortricid, 611, 711
- Tortricidae, 122, 128, 129, 153, 154, 163, 165, 341, 519, 605, 606, 612, 615, 711, 716, 718, 737
- Tortricids, 529
- Tortrix, 711, 718
- Tortrixidae, 716
- Totricidae, 129
- Toughness, 333
- Toxicities, 419
- Toxicity, 5, 65, 94, 113, 116, 117, 190, 192, 236, 237, 258, 262, 264, 265, 334, 425, 427, 471, 473, 585, 586, 629, 631, 656, 657, 660, 667, 671
- Toxicogenic, 359, 742
- Toxicological, 80, 81, 656
- Toxicology, 80, 81, 265, 586, 735
- Toxicon, 495
- Toxigenic, 460
- Toxin, 262, 437, 672
- Toxins, 43, 435, 668, 676
- Trait, 403, 406
- Traits, 154, 207, 211, 335, 458, 506, 514, 548, 554, 633, 691
- Transcript, 675, 676, 680, 686
- Transcriptase, 535, 663, 676, 678
- Transcription, 24, 533
- Transcriptional, 736
- Transcriptomics, 675
- Transcripts, 681, 744
- Transduction, 420
- Transform, 699
- Transformation, 658, 750, 751
- Transformations, 455
- Transformed, 114, 219, 260, 455, 510, 658, 739, 743
- Transgenic plants, 135
- Transgenic, 135, 432, 436, 438, 639
- Transillumination, 21
- Transilluminator, 249
- Translamellar, 302, 307, 308
- Translaminar, 258
- Translocates, 263
- Translocation, 538, 631, 702
- Transmissible, 253
- Transmission, 24, 25, 218, 222, 247, 249, 253, 533, 557, 572, 577
- Transmitted, 19, 131, 247, 249, 432, 454, 557, 560, 739
- Transmitting, 563
- Transpiration, 419
- Transplant, 538
- Transplanted, 46, 86, 174, 376, 538
- Transplanting, 232, 235, 237, 242, 243, 376
- Transport, 136, 426, 427, 538, 745
- Transporter, 688
- Transtillia, 168
- Transversal, 302
- Transversalis, 275
- Transverse, 140, 185, 308, 309, 340, 521, 523, 656, 720, 721
- Transversely, 183
- Trap, 121, 130, 139, 142, 157, 160, 162, 173, 174, 176, 177, 182, 200, 231, 232, 236, 338, 341, 509, 510, 513, 519, 522, 528, 530, 605, 611, 613, 640, 716
- Trapped, 123, 173, 175, 178, 511, 741, 744
- Trapping, 122, 125, 128, 231, 241, 611, 668, 673
- Traps, 121, 130, 139, 142, 158, 176, 177, 182, 200, 232, 236, 338, 509, 510, 513, 519, 520, 528, 530, 606, 607, 611, 716
- Treatment, 2, 13, 31, 32, 35, 36, 45, 47, 49, 59, 74, 75, 81, 114, 232, 234, 236, 237, 241, 242, 257, 259, 262, 265, 269, 291, 292, 294, 296, 298, 299, 314, 353, 375, 376, 378, 381, 387, 422, 436, 453, 455, 457, 459, 464, 466, 471, 473, 477, 478, 480, 483, 489, 490, 533, 534, 536, 578, 582, 584, 617, 622, 628, 629, 656, 657, 661, 678, 691, 699
- Trehalose, 154
- Trend, 176, 294, 431, 432, 434, 436, 438, 466, 511, 512, 549, 731, 734, 748
- Trends, 81, 117, 213, 318, 427, 437, 553, 585, 596, 663, 734
- Trialeurodes, 74, 80, 584, 586, 631
- Trials, 32, 318, 352, 437, 438, 454, 458, 482, 579
- Triangle, 122, 183, 521
- Triangular, 184, 226, 303, 521, 522, 644
- Trianthema, 724
- Trianthemae, 724
- Triatoma, 81, 211, 214
- Tribe, 159, 160, 162, 182, 183, 225, 645, 647
- Tribes, 227, 228
- Triboilum, 469, 470
- Tribolium, 79, 81, 113, 119, 334, 463, 464, 467, 472, 475, 487, 495, 676, 680, 684, 755
- Trichoderma, 29, 32, 35, 38, 291, 294, 297, 300, 360, 373, 376, 378, 384, 450, 459, 460, 623, 668, 671, 672
- Trichogramma, 80, 82, 173, 174, 176, 180, 514, 571
- Trichogrammatidae, 80, 178, 179, 514, 571
- Trichogramma, 178
- Trichome, 634, 640
- Trichomes, 634, 636, 638
- Trichoplusia, 370
- Tridemorph, 477, 484

Trifolium, 101
Triloba, 737
Trilobomyza, 106
Trinucleotide, 447, 448
Trioxys, 570, 573
Tripeptidyl, 688
Triplicate, 657, 721
Triplicates, 677
Tris, 249, 322, 421, 443, 444, 677, 740, 741
Trissolcus, 571
Tristeza, 744, 745
Triterpenes, 86, 87, 193
Triterpenoids, 95
Tritici, 44, 54, 59, 68, 321, 328, 395, 396, 400, 401, 405, 408
Triticina, 395, 405
Triticum, 324, 405, 406, 506, 646, 648, 650, 663
Trochanter, 160, 340, 410, 411, 413, 522
Trombidiformes, 409, 415, 416, 418
Trophic, 81, 370, 483, 634
Tropic, 181
Tropics, 274, 301, 484, 655
Truncatum, 318, 319
Truncatus, 113, 288, 289
Tryphoninae, 164, 652
Trypsin, 8, 277, 279, 283, 284, 286, 288, 368
Tubes, 12, 21, 23, 87, 98, 132, 421, 493, 619, 669, 677
Tubing, 741, 742
Tumefaciens, 85, 90, 92, 94, 96
Tumorigenic, 86, 87
Tumorigenicites, 91
Tumorous, 86
Tumors, 656
Tumour, 94
Tunneling, 257, 280
Tunnels, 257
Turanian, 345
Turano, 345
Turbidity, 87, 619, 658
Turcestanicus, 519, 520, 522, 525, 527, 528
Turkestani, 545, 554, 556
Turkestanicus, 184
Twig, 259, 263
Twigs, 39, 263, 557, 712, 750
Twosex, 548, 579, 585, 729, 730, 735
Tylenchida, 245
Tylenchulus, 601
Typological, 600

U

Ultrasensitive, 254

Univariate, 370
UPGMA, 210, 217, 219, 221, 222, 224, 441, 444, 452, 499, 500, 502
Urban, 181, 257, 264, 265, 364, 370, 600
Uredinospores, 321, 322, 324
Uzbekistanicus, 570, 571

V

Vacuoles, 410, 412
Vacuum, 443, 498, 657
Validating, 613
Validation, 126, 127, 607, 609, 622, 750, 751, 754
Validity, 225, 287, 471, 472, 749
Vapor, 472, 488
Vaporariorum, 74, 79, 80, 584, 586, 631
Variability, 82, 222, 226, 405, 448, 450, 460, 498, 505, 506, 572, 605, 606, 608, 609, 611, 748, 751, 754
Variables, 46, 209, 219, 238, 510, 612, 748, 750, 751
Variance, 13, 88, 114, 147, 175, 209, 211, 219, 221, 233, 260, 280, 292, 315, 331, 353, 354, 376, 379, 387, 395, 397, 398, 400, 422, 445, 447, 449, 504, 535, 548, 658, 669, 680, 682, 692, 694, 695, 698, 713, 748, 750
Variances, 727, 730, 750
Variation, 6, 14, 145, 146, 148, 150, 152, 156, 207, 209, 211, 214, 217, 219, 223, 287, 325, 333, 354, 367, 368, 400, 447, 451, 495, 498, 505, 507, 541, 552, 554, 573, 579, 580, 584, 605, 608, 611, 612, 614, 623, 639, 640, 673, 682, 687, 694, 695, 698, 731, 747, 748, 750, 751
Variations, 66, 116, 207, 212, 284, 285, 385, 579, 672
Variegata, 207, 215
Varietal, 277, 280, 285, 287, 451
Varietial, 67
Varieties, 6, 8, 19, 24, 59, 60, 65, 67, 117, 122, 190, 195, 211, 220, 223, 258, 278, 286, 289, 324, 330, 333, 335, 395, 405, 407, 453, 454, 456, 458, 461, 505, 539, 540, 555, 633, 663, 676, 685
Variety, 12, 60, 65, 219, 223, 242, 244, 258, 278, 282, 285, 296, 346, 352, 356, 409, 432, 455, 456, 458, 464, 557, 564, 572, 657
Variogram, 747, 749, 751, 754
Variograms, 750, 752, 754
Vector, 132, 228, 231, 233, 249, 557, 736, 739, 742
Vectors, 20, 24, 26, 86, 94, 135, 231, 232, 560, 675
Vegetable, 1, 74, 238, 241, 247, 254, 329, 334, 458, 509, 555, 624, 672, 708
Vegetables, 1, 74, 97, 245, 247, 329, 509, 623, 699, 705, 706
Vegetal, 612
Vegetales, 105, 664

Vegetation, 146, 599
Vegetations, 141, 644
Vegetative, 1, 20, 52, 234, 360, 442, 449, 533, 541, 623
Veins, 69, 135, 182, 183, 226, 557
Venation, 98, 213, 650
Ventilated, 12, 114, 280, 634, 635
Ventilation, 75, 98, 114, 330, 364, 547, 564, 628, 728
Ventral, 146, 302, 305, 307
Verbacoside, 662
Verbascum, 191
Verbenaceae, 656
Vermicompost, 691, 692, 694, 696, 702
Vermicomposting, 702
Vermicomposts, 692, 700
Vermiculate, 705
Vermiculite, 539, 623, 706
Vermifuge, 656
Versicolora, 363, 371
Vertebrates, 589, 590
Verticillioidea, 453, 459, 460
Verticillium, 316, 318, 319, 353, 432, 436, 498, 505, 671, 673
Veterinary, 106, 326, 494
Viability, 13, 61, 314, 513, 578, 617, 619, 621, 623, 661, 667, 668, 671
Viburni, 267, 273, 275, 276
Vicia, 217, 223, 224, 564
Viciae, 223, 275
Vicinity, 164, 347, 652
Vines, 135
Vineyard, 267, 275, 600, 605, 606
Vineyards, 163, 274, 605, 612, 613
Vinifera, 135, 136, 606
Viral, 432, 509, 533, 538, 542, 739, 740, 742, 744, 745
Virens, 36, 373, 375, 377, 379, 384, 672
Virescence, 249, 250
Virescens, 212, 553
Virgata, 431, 433, 435, 439
Virgate, 434
Virgichneumon, 643, 647, 650, 654
Virgin, 359, 655, 657
Viride, 382, 383
Viridifolia, 542
Viridis, 268, 274, 275
Virulence, 59, 62, 64, 67, 190, 218, 313, 314, 316, 319, 321, 322, 324, 326, 399, 402, 405, 407, 432, 499, 504, 507, 585, 675, 677, 686, 689, 728, 735, 736
Virulences, 67, 399
Virulent, 44, 60, 62, 65, 66, 135, 326, 397, 399, 402, 505, 675, 678, 680, 686
Virus, 223, 231, 233, 238, 335, 431, 436, 533, 536, 538, 543, 557, 558, 563, 577, 739, 740, 743, 745

Viruses, 24, 189, 218, 222, 391, 533, 534, 538, 540, 542, 557, 560, 563, 739, 742, 744
Visualization, 251, 298
Visualized, 21, 249, 488, 499, 736, 737
Vitamin, 2, 277
Vitamins, 473, 622
Viviparae, 559
Volatile, 45, 47, 374
Volatiles, 50, 53, 193, 232, 236, 716
Volk, 370
Voltinism, 605, 611, 613
Volucre, 563, 564, 566, 575
Voracious, 12
Voraciously, 655
Vulnerable, 44, 74, 284

W

Waldbauer, 2, 3, 8, 331, 335, 365, 370
Walnut, 122, 128, 264, 411, 414, 448, 449
Walnuts, 473
Wandering, 147, 148, 150, 152, 153
Warp, 207, 209
Warps, 207, 209
Wasp, 107, 163, 173, 176, 178, 386, 513, 514, 563, 564, 566, 573, 651
Wasps, 139, 163, 165, 173, 175, 178, 200, 202, 204, 337, 347, 348, 387, 528, 530, 570, 651, 653
Waste, 317, 377, 382, 622, 701
Wastes, 618, 699
Watermelon, 546, 705, 708
Watermelons, 705
Waterpreparing, 87
Wax, 268, 330, 705, 727, 728
Waxes, 585
Waxiness, 640
Waxy, 585, 685
Weather, 121, 123, 128, 175, 179, 238, 324, 398, 607, 608, 612, 750
Weaver, 464, 473
Wedge, 195, 201
Weed, 159, 160, 162, 217, 241, 361, 487, 488, 490, 495, 554, 558, 560, 656, 719, 720, 724, 725
Weeding, 232, 454
Weeds, 54, 158, 163, 226, 238, 254, 302, 329, 383, 411, 414, 454, 488, 490, 492, 494, 557, 558, 719, 724
Weevil, 277, 290, 662, 736
Weevils, 154, 278, 281, 288, 655, 657, 660, 662
Weibull, 605, 606, 609, 611
Weight, 2, 3, 5, 6, 43, 46, 48, 51, 52, 61, 88, 89, 114, 145, 207, 209, 217, 219, 222, 249, 253, 259, 261, 262, 277, 279, 282, 284, 286, 289, 294, 296, 297, 330, 332,

363, 365, 368, 373, 376, 378, 379, 395, 397, 400, 401, 404, 405, 422, 424, 444, 446, 465, 466, 472, 487, 490, 492, 494, 534, 539, 655, 657, 660, 661, 678, 679, 691, 693, 695, 696, 711, 716, 741
Weighted, 280, 283, 284, 286, 353
Weights, 5, 87, 91, 291, 292, 295, 330, 331, 333, 365, 366, 422, 613, 691, 696, 699, 712, 713, 715
Whiteflies, 74, 231, 274
Whitefly, 231, 233, 274, 335, 432, 555, 584, 585, 631
Whitish, 40, 168, 521, 650
Wilcoxson, 59
Willow, 163, 326, 363, 364, 368, 370, 411, 413, 415
Willows, 363, 364, 368
Wilt, 29, 32, 34, 37, 189, 190, 195, 196, 298, 383, 436, 706
Wilting, 29, 325, 705
Wing, 70, 98, 100, 102, 103, 121, 126, 181, 184, 200, 207, 209, 211, 214, 344, 414, 520, 525, 649, 650
Wings, 70, 181, 183, 201, 207, 211, 226, 342, 645
Witches, 19, 21, 24, 26, 247, 248, 250, 256

X

Xanthium, 195, 473
Xanthogaleruca, 155
Xanthomonas, 56, 438
Xanthophylls, 193
Xenobiotic, 676
Xyelid, 164
Xyelidae, 163, 164

Xylanase, 745
Xylanases, 135
Xylella, 131, 137
Xylem, 131, 133, 135, 136, 257, 263
Xylene, 139, 520
Xyllela, 136
Xyloglucans, 135
Xylosidases, 135
Xylostella, 73, 80, 82, 83, 334, 341, 347, 633, 642, 650

Y

Yield, 37, 39, 217, 219, 221, 223, 231, 233, 235, 241, 244, 267, 277, 294, 297, 313, 315, 317, 377, 382, 395, 398, 400, 408, 419, 420, 424, 426, 431, 432, 434, 453, 455, 458, 461, 478, 497, 503, 545, 563, 572, 619, 634, 692, 699, 703, 705, 706, 708
Yields, 231, 234, 291, 315, 381, 699, 700, 737, 747
Yponomeuta, 165
Yponomeutidae, 154, 165, 641

Z

Zaglyptus, 157, 162, 163, 166
Zea, 2, 7, 277, 288, 289, 453, 459, 487, 488, 655
Zeamais, 277, 290, 334, 473, 655, 665
Zone, 46, 88, 154, 232, 244, 352, 353, 391, 436, 707
Zygoptera, 213