

## SUBJECTS

- Abelmoschus esculentus* (L.), 6 varieties  
Behavior as a vegetable and as a grain, 70(1), 57.
- Acaricidal powders, collars and sprays  
Brown dog tick, failure to reduce, 70(4), 299.
- Acarina  
Eriophyid mite of the coconut palm, 70(3), 223.
- Alexander grass (*Brachiaria plantaginea*)  
Herbicides, control by several in the greenhouse, 70(3), 207.
- Alternaria*  
Blight in pigeon pea in Puerto Rico, cause of, 70(1), 79.
- Ananas comosus* L., Smooth Cayenne  
Planting position, pruning and slip size, effect on vegetative development, 70(1), 63.
- Apoidea, Hymenoptera  
*Xylocopa brasiliensis*, 70(4), 255.
- Ascochyta phaseolorum*  
Bean infected with, effect of fungicide on, 70(2), 127.
- Asulam  
Sugarcane, in, 70(4), 235.
- Bacillus*, 2 species  
Thermal resistance of their spores, 70(3), 189.
- Bacterial basal rot  
Straw mushrooms, of, 70(3), 219.
- Bacterial spot  
Tanner in Puerto Rico, 70(3), 225.
- Bean  
Fungicide effect on disease incidence and yield, 70(2), 127.
- Bean, rust control  
Field conditions, under, 70(1), 45.  
Systemic and contact fungicides, with, 70(1), 45.
- Bee, carpenter  
Host plants in Puerto Rico, additional, 70(4), 255.
- Bensulide  
Cucumber, evaluation in, 70(2), 85.  
Pumpkin, evaluation in, 70(2), 85.  
Watermelon, evaluation in, 70(2), 85.
- Bird  
Damage in 30 sorghum lines, 70(2), 99.
- Boophilus microplus*  
Subcutaneously injected ivermectin to control, 70(4), 315.
- Brachiaria plantaginea*  
Herbicides, control by several in the greenhouse, 70(3), 207.
- Cajanus cajan*  
A new blight in Puerto Rico, 70(1), 79.
- Carbaryl: powders, collars and sprays  
Brown dog tick, failure to reduce, 70(4), 299.
- Chloramben  
Cucumber, evaluation in, 70(2), 85.  
Pumpkin, evaluation in, 70(2), 85.  
Watermelon, evaluation in, 70(2), 85.
- Coconut palm  
Eriophyid mite, 70(3), 223.
- Cladosporium cladosporioides*  
Plant pathogenic fungus parasitized by *Hansfordia* sp., 70(2), 113.
- Coffee, 7 cultivars  
*Leucopelta coffeella*, susceptibility to, 70(4), 307.
- Collembola  
Grasses in the Mayagüez area, associated with, 70(1), 75.
- Concentrates, supplemental  
Heifers reared on moderately fertilized pastures with and without, 70(2), 143.
- Cooking  
Sugars in staple type sweet potatoes, effect on, 70(2), 121.
- Corn  
Dipteran species complex habits, notes on, 70(2), 155.
- Corn, sweet  
*Echinocloa colorum*, chemical control of, 70(4), 311.
- Cucumber  
Insect and nematode control in Puerto Rico, 70(1), 19.
- Cucumis sativus*  
Insect and nematode control in Puerto Rico, 70(1), 19.
- Curcularia*  
Yams, leaf spot in, 70(4), 277.
- DCPA  
Cucumber, evaluation in, 70(2), 85.  
Pumpkin, evaluation in, 70(2), 85.  
Watermelon, evaluation in, 70(2), 85.
- Depredation of tilapia fry by dragonfly nymphs  
Means for control, 70(3), 213.
- Diamondback moth  
Life cycle in Puerto Rico, 70(4), 299.

- Digestibility, in vitro, of dry matter  
Eight sorghums at 2 locations in Puerto Rico, 70(1), 37.
- Dioscorea rotundata*  
Interrelation of *Fusarium oxysporum* with *Meloidogyne incognita* and *Pratylenchus coffeae*, 70(4), 245.
- Dioscorea* spp  
*Curcularia* leaf spot, 70(4), 277.
- Diptera  
Species complex of corn, 70(2), 155.  
Downy mildew in sorghum  
Identity and characterization, 70(3), 217.
- Dragonfly nymphs  
*Tilapia* fry, depredation on, 70(3), 213.
- Dry matter digestibility, in vitro, of Eight sorghums at 2 locations in Puerto Rico, 70(1), 37.
- Echinoclocha colonum*  
Chemical control in sweet corn, 70(4), 311.
- Eriophyes guerrerensis*  
Coconut palm mite, 70(3), 223.
- Eumecosomyia nubila*  
New otid in Puerto Rico, 70(2), 155.
- Fungicide  
Effect of disease incidence and yield of bean, 70(2), 127.
- Fungicides, systemic and contact  
Bean rust under field conditions, control of, 70(1), 45.
- Fusarium oxysporum*  
Interrelation with *Meloidogyne incognita* and *Pratylenchus coffeae* on yam, 70(4), 245.
- Grasses on the Mayagüez campus  
Collembola associated with, 70(1), 75.
- Hansfordia* sp.  
Parasitic pathogen of the plant pathogenic fungi (*Cladosporium cladosporioides*), 70(2), 113.
- Heifers, dairy  
Reared on moderately fertilized pastures with or without supplemental concentrates, 70(2), 143.
- Hemiptera of Puerto Rico  
Annotated list of Reduviidae, 70(1), 1.
- Hemiptera: Reduviidae, Stenopodainae  
Genus *Pniortoris*, 70(1), 9.
- Herbicides  
*Brachiaria plantaginea* in the greenhouse, control of 70(3), 207.  
Cucumber, evaluation in, 70(2), 85.  
Pumpkin, evaluation in, 70(2), 85.  
Rice, evaluation in, 70(4), 293.  
Watermelon, evaluation in, 70(2), 85.
- Herbicides, postemergence  
Sugarcane, in, 70(4), 235.
- Herbicides to control *Echinochloa colonum*  
Sweet corn, in, 70(4), 311.
- Hymenoptera: Apoidea  
*Xylocopa brasiliatorum*, 70(4), 255.
- Insect  
Cucumber (*Cucumis sativus*), control in, 70(1), 19.  
Ivermectin, subcutaneously  
Cattle tick, 70(4), 315.
- Isariopsis griseola*  
Fungicide on bean infected with, effect of, 70(2), 127.
- Isohyetal charts for Puerto Rico, 70(4), 267.
- Leaf spots  
*Curcularia* in yams, 70(4), 277.
- Lepidoptera  
Diamondback moth, 70(4), 229.
- Leucoptera coffeella*  
Susceptibility of 7 coffee cultivars to, 70(4), 307.
- Leucaena leucocephala*  
*Meloidogyne incognita* and *M. javanica* from Puerto Rico, reaction to populations of, 70(2), 157.
- Mayagüez, University of Puerto Rico campus  
Collembola associated with grasses in, 70(1), 75.
- Meloidogyne incognita*  
*Fusarium oxysporum* together with *Pratylenchus coffeae*, interrelation with, 70(4), 245.
- Reaction of *Leucaena leucocephala* to population of, 70(2), 157.
- Meloidogyne javanica*  
Reaction of *Leucaena leucocephala* to population of, 70(2), 157.
- Mite, eriophyid  
Coconut palm, of, 70(3), 223.
- Moisture, soil  
Mulched drip irrigated peppers, retention in, 70(4), 303.
- Molds  
Seeds of 30 sorghum lines, damage in, 70(2), 99.
- Moth, diamondback  
Life cycle in Puerto Rico, 70(4), 229.
- Mulching types  
Soil moisture retention in peppers, 70(4), 303.
- Mushrooms, straw  
Bacterial basal rot of, 70(3), 219.
- Nematode  
Cucumber (*Cucumis sativus*), control in, 70(1), 19.
- Nematodes  
*Fusarium oxysporum* in yam, interrelation with, 70(4), 245.

- Nitrogen, 4 levels  
Rice, yield and nitrogen recovery in, 70(3), 197.
- Nitrogen rates  
Rice yields and nitrogen recovery, effect on, 70(2), 91.
- Nymphs, dragonfly  
Depredation on tilapia fry by, 70(3), 213.
- Okra, 6 varieties  
Vegetable and grain, behavior as, 70(1), 57.
- Onions, drip irrigated  
Water rates and planting density on growth parameters, effect of, 70(2), 135.
- Onions, growth  
Water rates and planting density, affected by, 70(2), 135.
- Onions, water rates and planting density  
Growth parameters, effect on, 70(2), 135.
- Otitid flies  
New Diptera species in Puerto Rico, 70(2), 155.
- Palm, coconut  
Eriophyid mite, 70(3), 223.
- Pathogenic fungus, dematiaceous, plant  
Parasitized by *Hansfordia* sp., 70(2), 113.
- Peppers, drip irrigated  
Soil moisture retention, 70(4), 303.
- Phaseolus vulgaris*  
Fungicide, effect on disease incidence and yield, 70(2), 127.
- Rust control in the humid tropics, 70(1), 45.
- Pigeon pea  
Behavior of commercial lines under semiarid conditions, 70(1), 25.
- Constraints on production under semiarid connections in Puerto Rico, 70(1), 25.
- New blight in Puerto Rico, 70(1), 79.
- Pineapple, Smooth Cayenne  
Planting position, pruning and slip size effect on vegetative development, 70(1), 63.
- Pniortoris*, genus of Hemiptera: Reduviidae: Stenopodainae  
*Subinermis* group of species, 70(1), 9.
- Pratylenchus coffeae*  
Interrelation with *Fusarium oxysporum* together with *Meloidogyne incognita*, 70(4), 245.
- Plutella xylostella*  
Life cycle in Puerto Rico, 70(4), 229.
- Rainfall  
Distribution in Puerto Rico, 70(4), 267.
- Rice  
Herbicides for, 70(4), 293.  
Nitrogen levels and water management systems, 70(3), 197.
- Nitrogen rates, effect on yield and nitrogen recovery, 70(2), 91.
- Straw disposal method, effect on yield, 70(2), 91.
- Yield and nitrogen recovery, 70(3), 197.
- Reduviidae of Puerto Rico  
Annotated list, 70(1), 1.
- Reduviidae, the genus *Pniortoris*  
*Subinermis* group of species, 70(1), 9.
- Rot, basal, bacterial  
Straw mushrooms, of, 70(3), 219.
- Rust  
Damage in seeds of 30 sorghums lines, 70(2), 99.
- Seed, soybean  
Premature harvest for rapid generation advance, 70(3), 159.
- Smut, *Ustilago scitaminea*  
Resistance of 43 sugarcane clones, 70(4), 287.
- Sorghum  
Downy mildew, identity and characterization of, 70(3), 217.
- Sorghum, 30 lines  
Bird and rust damage, 70(2), 99.  
Seeds molds in, 70(2), 99.
- Sorghums, 8  
Agronomic comparison at 2 locations, 70(1), 37  
Dry matter digestibility in vitro at 2 locations, 70(1), 37.
- Sorghums, 2 locations  
Agronomic comparison of 8 genotypes, 70(1), 37.
- Soybean seed  
Premature harvest for rapid generation advance, 70(3), 159.
- Spores of 2 species of genus *Bacillus*  
Thermal resistance of, 70(3), 189.
- Storage  
Sugars in staple type sweet potatoes, effect of, 70(2), 121.
- Subinermis* group of species, the  
*Pniortoris* (Hemiptera, Reduviidae, Stenopodainae), 70(1), 9.
- Sugarcane  
Postemergence herbicides, for, 70(4), 235.
- Sugarcane clones, 43  
Resistance to smut, *Ustilago scitaminea*, 70(4), 287.
- Sugars in staple type sweet potatoes  
Cooking and storage, affected by, 70(2), 121.
- Sweet corn  
Chemical control of *Echinochloa colonum*, 70(4), 311.

## SUBJECT INDEX

- Sweet potatoes staple type  
Sugar affected by cooking and storage, 70(2), 121.
- Tanier  
Bacterial spot of, 70(3), 225.
- Thermal resistance  
Spores of 2 species of genus *Bacillus*, 70(3), 189.
- Tick, brown, dog  
Failure of carbaryl powders, collars and sprays to reduce populations of, 70(4), 299.
- Tick, cattle  
Subcutaneously injected ivermectin to control, 70(4), 315.
- Tilapia fry  
Depredation by dragonfly nymphs, 70(3), 213.
- Trifluralin  
Cucumber, evaluation in, 70(2), 85.  
Pumpkin, evaluation in, 70(2), 85.  
Watermelon, evaluation in, 70(2), 85.
- Uromyces appendiculatus*
- Rust control in 3 bean cultivars, 70(1), 45.
- Ustilago scitaminea*  
Resistance of 43 sugarcane clones, 70(4), 287.
- Water management systems  
Rice, yield and nitrogen recovery in, 70(3), 197.
- Weather  
Testing of a monthly model, 70(3), 169.
- Xanthosoma sagittifolium*  
Bacterial spot of, 70(3), 225.
- Xylocopa brasiliensis*  
Host plants in Puerto Rico, additional, 70(4), 255.
- Yam, *Dioscorea rotundata*  
Interrelation of *Fusarium oxysporum* with *Meloidogyne incognita* and *Pratylenchus coffeae*, 70(4), 245.
- Yams  
*Curvularia* leaf spot, 70(4), 277.
- Yponomeutidae*  
Diamondback moth, 70(4), 229.