drop table Location;

drop table Pest;

create table Pest(

pest\_id int not null AUTO\_INCREMENT ,

pest\_name varchar(30) not null,

pest\_weight varchar(100) not null,

pest\_height varchar(100) not null,

pest\_threat varchar(400),

pest\_region varchar(100),

pest\_category varchar(100),

pest\_diet varchar(400),

pest\_ways varchar(400),

pest\_tips varchar(400),

pest\_image varchar(400),

pest\_score varchar(5),

pestName\_category varchar(20),

first\_aid varchar(400),

pest\_habitat varchar(400),

PRIMARY KEY (pest\_id)

);

create table Location(

lontitude double not null ,

latitude double not null,

location\_Name varchar(200) not null,

State varchar(10) not null,

pest\_ID int not null,

UNIQUE (pest\_ID, lontitude,latitude),

PRIMARY KEY (pest\_ID,lontitude,latitude),

FOREIGN KEY (pest\_ID) REFERENCES Pest(pest\_id)

);

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("European Rabbits","1.2-2.0kg", "40cm", "They directly compete with livestock for pasture and which can seriously affect farming enterprises and cause irreversible land degradation.", "Great Britain/Ireland/Australia/Chile", "Invasive species", "Prey on grasses, young and succulent leaves, fescues, winter wheat, tree bark, blackberries and root vegetables.", "Please report to local authorities or use chemical control approach (use sodium flouroacetate).", "Rabbits are highly social animal. They have an unusual desigtive system and they able to countinously growing teeth.", "https://i.loli.net/2020/09/11/xauY76FihjtflrA.png", "4", "rabbit", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("European Fox", "2.2-14kg", "35-50cm", "They prey on native wildlifes and are implicated with the decline and extinction of many small to medium-sized mamals.", "Australia/Sardinia/Italy", "Invasive species", "Prey on over 300 animal species. Primarily voles, mice, ground squirrels, hamsters, gerbils, woodchucks and pocket gophers.", "Uses creosote, disel oil or ammonia to block access. Other effective control methods, including trapping, shooting and den fumingation.", "Did you know that foxes have soft whiskers on their wirsts that help with their pouncing aim.", "https://i.loli.net/2020/09/11/vceKI8xunEitQjh.png", "4", "fox", "You need to wash the bite area with soap and water. If the bite is bleeding, put pressure on it using sterile gauze or a clean cloth. If the bleeding has stopped, put antibiotic ointment on the area. Cover the area with a bandage or sterile gauze.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Wild dog/Dingo", "14.1-15.8kg", "56-59cm", "They cause significant damage to farming enterprises, and have been implicated in the decline of several native species.", "Australia", "Pest", "Prey on 177 species, about 72.3% mamals, 18.8% birds and 3.8% are insects, fish,crabs and frogs.", " DO NOT RUN!!! Stay calm and walk away, avoid direct eye contact, aviod change of facial expression and please protect your face and neck.", "Wild dogs can communicate over many kilometres by howling!", "https://i.loli.net/2020/09/11/JgYuz4W8TE6HebK.png", "5", "dog", "You need to prepare clean towel, sterile bandage and antibiotic ointment: first place a clean towel over the injury to stop bleeding, wash the bite carefully with soap and water. Secondly, apply a sterile bandage to the woud and finally apply antibiotic ointment to prevent infection.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Feral cat", "3.4-6.4kg", "15-24cm", "They pose a health risk to humans, livestock and native animals as carriers of diseases such as toxoplasmosis and sarcosporidiosis.", "United Kingdom/Australia/Italy/United States", "Pest", "Prey on vertebrates and invertebrates, prefer small animals such as mammals, birds, house mouse, European rabbit, and ringtail possum.", "Don't feed and forget feral cats. You can help feral cats with health care/join volunteer program to help cats/leave the cat alone.", "Feral cats are normally prey on animals with body weights under 100g and a feral cat may produce up to 150 kittens in her life time.", "https://i.loli.net/2020/09/11/Xp74L1cFRHotwQe.png", "1", "cat", "You need to wash the bite area with soap and water. If the bite is bleeding, put pressure on it using sterile gauze or a clean cloth. If the bleeding has stopped, put antibiotic ointment on the area. Cover the area with a bandage or sterile gauze.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("European carp", "40kg", "120cm", "Negative impacts on freshwater ecosystem, it can increase turbidty, alage blooms. But decrease aquatic nutrients and water quality, which kills plants and native fish.", "Eastern Asia/ Eastern Europe/ Australia", "Pest", "They eat a herbivorous diet of aquatic plants, insects, crustaceans, crawfish and benthic worms.", "Don't release aquarium fish into waterways, everyone suppose to help the pest fish control in the local rivers and streams. ", "European carp prefers slow-flowing rivers or lakes but can occupy a broad range of aquatic environments from upper estuaries up to at least 850 m in temperatures, dissolved oxygen and salinity levels.", "https://i.loli.net/2020/09/11/QT9bIBGz6tiVsJl.png", "4", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Gold fish", "2.3kg", "50cm", "Threatning the resourece competition of local waterways by disease and parasite transmission.", "Eastern Asia/Australia", "Invasive species", "They eat crustaceans, insects and various plant matter.", "Never release aquarium fish in to waterways. Please report to local fisheries organizations and don't use pest fiush as fishing bait.", "Gold fish was first selectively bred in ancient China more than 1,000 years ago, and several distinct breeds have since been developed", "https://i.loli.net/2020/09/11/smXEuocLTnPI7KH.png", "3", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Eastern Gambusia", "0.00001-0.0019kg", "3.5-8cm", "Brings competition with native species for food, habitat or spawning area.", "United States/Australia", "Pest", "They eat native fish, eggs, frog eggs, tadpoles and aquatic macro invertebrates.", "Never release aquarium fish in to waterways. Please report to local fisheries organizations and don't use pest fiush as fishing bait.", "Eastern gambusia is considered as an invasive species on every continent except Antartica. ", "https://i.loli.net/2020/09/11/OhdSxl6YUWtHGaz.png", "3", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("House mice", "0.04-0.05kg", "7.5-10cm", "Carry diseases to contaminated stored food. Humans will have symptoms of diarrhea, fever and adbdominal pain by consuming salmonella contaminated food.", "Southeastern Australia", "Invasive species", "Prey on plant matters, own faeces and omnivorous (foods and vegetables).", "Use chemical and non-chemical methods, such as exclusion, sanitation, traps and baits.", "House mice's droppings and urine contaminate food. It can cause contamination problems by transmitted diseases including lymphocytic choriomeningitis and food poisoning.", "https://i.loli.net/2020/09/11/wGyX43HbjSTBMUV.png", "4", "mice", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Sturnus vulgaris", "0.06-0.08kg", "20-24cm", "Starlings are also considered a major nuisance in urban areas. Serious damage to the horticulture industry, especially various vegetable crops, damage to dry fruits. It may also carry parasites and diseases, and pose a potential risk to the livestock industry.", "Southeastern Australia", "Pest", "In lowland suburbs and open agricultural areas, coastal plains, and high mountain areas, it is one of the most common species. Protein is needed to make it live and multiply, eat fruits, vegetables, meat, etc.", "Using fruits and other crops for repulsion is best to reduce access to nests, habitat, food, and water. You can also use the distressed phone.", "They compete with crimson and eastern roses to build nests, destroy native species and agriculture, and have been included in the World Conservation Union (IUCN) list of the world's 100 most invasive species.", "https://i.loli.net/2020/09/11/lN25S7KwIYqyhMG.png", "4", "bird", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Tilapia", "0.8-4.3kg", "30-60cm", "Threats including large areas of disturbed substrate due to nest building. Also damage to aquatic plants from nest-building activities and disruption of spawning in native fishes. ", "Northeast Queesland (Wet Tropics)/Gulf of Carpentaria drainage/Victoria", "Invasive species", "Prey on Omnivores and will eat algae, plant matter, organic particles, small invertebrates and fishes.", "Never release aquarium fish in to waterways. Please report to local fisheries organizations and don't use pest fiush as fishing bait.", "Did you know that Tilapia are on the IUCN's 100 of the World Worst Alien Invasive Species list.", "https://i.loli.net/2020/09/11/scE8weCuJYrQbNP.png", "3", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Oriental Weatherloach", "Null", "25cm", "Pest fish are often difficult to control, which is a critical threat to the ecosystem of local waterways.", "Southeast Asia/Australia(VIC/NSW/ACT/QLD/SA)", "Pest", "They mainly feeded by organic material such as algae.", "Never release aquarium fish in to waterways. Please report to local fisheries organizations and don't use pest fiush as fishing bait.", "Females can produce 4,000 to 12,000 eggs per spawn. The eggs are laid onto submerged plants or substrate and they can live for up to 13 years!", "https://i.loli.net/2020/09/11/D9z7UZTp6kGIO8E.png", "2", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Redfin Perch", "3.75kg", "60cm", "Which is declining several threatened species, likely to destroy recreational fisheries. It carries the disease of epizootic haematopoietic necrosis.", "Europe/Australia(VIC/NSW/ACT/WA/SA/TAS)", "Pest", "Prey on small nayive fish and invertebrates.", "Never release aquarium fish in to waterways. Please report to local fisheries organizations and don't use pest fiush as fishing bait.", "Redfin eggs are 2-3 mm in diameter and take 1-2 weeks to hatch. Juvenile fish usually form large schools.", "https://i.loli.net/2020/09/11/5JsXnuyiWOzjgKE.png", "2", "fish", "You need to immerse the affected area in hot water to relieve pain. DO NOT apply a pressure immobilisation bandage. Leave any barbs or spines in place and place padding around them.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Feral Pig", "50-100kg", "55-120cm", "Feral pig brings substantial damage to Australian environment. They carry disease of leptospirosis, which caused more than $106 million economic losses.", "United Kingdom/United States/South America/Australia", "Pest", "Prey on crops, newborn lambs and native wildlife.", "DO NOT approach or attempt to feed the animal. Keep a safe distance and DO NOT corner or provoke the animal. Be calm and move slowly away from the animal.", "Pigs are highly intelligent and have been shown to communicate as many as 20 different vocalisations to express their thoughts!", "https://i.loli.net/2020/09/11/hKdWe6QpXcfEGN9.png", "5", "pig", "You need to prepare clean towel, sterile bandage and antibiotic ointment: first place a clean towel over the injury to stop bleeding, wash the bite carefully with soap and water. Secondly, apply a sterile bandage to the woud and finally apply antibiotic ointment to prevent infection.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Cane Toad", "19-22kg", "Null", "Glands on their body secrete poisons that when ingested can kill frog-eating birds, mammals, snakes, lizards, crocodiles, quolls and other domestic animals.", "Australia/Caribbean/The Philippines/Fiji/New Guinea/United States", "Pest", "Prey on a wide range of materials, such as small rodents, reptiles, other amphibians, birds and bats as well as invertebrates. ", "Please cover and seal foods, remove standing water. Clean and remove rubbish and other debris. Keep your outside lights off when not needed.", "Cane toad eggs look very different to native Australian frogs, they are small, black and laid in jelly like strands.", "https://i.loli.net/2020/09/11/xgLw9Ask6MJDFrb.png", "4", "toad", "You need to prepare damp cloth: use damp cloth to wipe the tongue and gums throughly and remove any residual venom. Rinse the cloth in-between wipes. ", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Fallow Deer", "60-100kg", "75-95cm", "Deer carrying diseases that will infect domestic species, and they can damage native vegtables and forestry plantations through their browsing.", "Agentina/United Kingdom/United States/Greece/South Africa/New Zealand/Australia", "Invasive species", "They eat a variety of vegetation, mostly grasses. Other items includes herbs, dwarf shrubs, bud and leaves.", "Control methods inclduing trapping and exclusion fencing,sprey repellent or use sonic repellent.", "Adult males are usually solitary but may join bachelor group, usually of less than 6 anmials.", "https://i.loli.net/2020/09/11/CnF5KrOGwtvxHcW.png", "2", "deer", "You need to wash the bite area with soap and water. If the bite is bleeding, put pressure on it using sterile gauze or a clean cloth. If the bleeding has stopped, put antibiotic ointment on the area. Cover the area with a bandage or sterile gauze.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Rusa Deer", "74-160kg", "142-185cm", "Deer carrying diseases that will infect domestic species, and they can damage native vegtables and forestry plantations through their browsing.", "Indonesia/East Timor/Australia", "Invasive species", "Rusa deer are herbivorous animals. They mainly feed on grass, leaves, and fallen fruit. These deer do not drink water, receiving all reqired fluid from their food.", "Control methods inclduing trapping and exclusion fencing,sprey repellent or use sonic repellent.", "Rusa deer were initially introduced to Victoria in the late 1800s. They are gregarious but females and young form separate groups to males except at the time of mating.", "https://i.loli.net/2020/09/11/CLm2vnkQMBOREVU.png", "1", "deer", "You need to wash the bite area with soap and water. If the bite is bleeding, put pressure on it using sterile gauze or a clean cloth. If the bleeding has stopped, put antibiotic ointment on the area. Cover the area with a bandage or sterile gauze.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Samber Deer", "102-270kg", "100-350cm", "Deer carrying diseases that will infect domestic species, and they can damage native vegtables and forestry plantations through their browsing.", "Australia/New Zealand/United States", "Invasive species", "Samber feed on a wide variety of vegetation, including grasses, foliage, browse, fruit and water plants, depending on the local habitat.", "Control methods inclduing trapping and exclusion fencing,sprey repellent or use sonic repellent.", "Samber deer were introduced into Australia several times between 1861-1912. They are semi-nocturnal preferring to remain under cover during the day. ", "https://i.loli.net/2020/09/11/aAo2yphg98I7Bl4.png", "1", "deer", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Red Deer", "160-250kg", "120-240cm", "Deer carrying diseases that will infect domestic species, and they can damage native vegtables and forestry plantations through their browsing.", "Europe/North Africa/New Zealand/Australia/Argentina/Chile/Migration", "Invasive species", "Red Deer mainly eat grasses, sedges, rushes and dwarf shrubs like Heather.", "Control methods inclduing trapping and exclusion fencing,sprey repellent or use sonic repellent.", "The Red Deer was introduced into Australian between 1860-1874 by European acclimatisation societies to enhance the aesthetics of Australian field.", "https://i.loli.net/2020/09/11/BzKXMWAs6vxw5jS.png", "1", "deer", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Red Imported Fire Ant", "0.065-6.0kg", "Null", "They will attacking grasshoppers, and these ants inflict a painful sting and they are very likely to damage the local environment and threatning ecosystem.", "Queensland", "Pest", "Prey on consists of dead mammals, arthropods, insects, earthworms, vertebrates and solid food matter.", "Please use peppermint essential oil, cayenne pepper, body powder to kill fire ants.", "Fire ants bite to get a grip and sting by injecting a toxic alkaloid venom named solenopsin. This could be very painful for most of people and might cause severe swelling, chest pain, or shortness of breath. ", "https://i.loli.net/2020/09/11/LxkTy54w2Ch3biQ.png", "5", "ant", "You need to prepare ice, towel antithstamine and hydrocortisone cream: use ice sting off and on (15 mins on , 15 mins off), or put the ice in towel. DO NOT put ice directly on your skin, DO NOT use heat.", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Chital Deer", "25-110kg", "70-86cm", "Deer carrying diseases that will infect domestic species, and they can damage native vegtables and forestry plantations through their browsing.", "Queensland/New South Wales/South Australia", "Invasive species", "They browse on a variety of grasses, fruit and leaves.", "Control methods inclduing trapping and exclusion fencing,sprey repellent or use sonic repellent.", "Chital deer is initially introduced to Australia in 1802, but did not survive. They are gregarious and can be seen in groups of more than 100 individuals.", "https://i.loli.net/2020/09/11/F3eYn7Z2mqQAXcv.png", "2", "deer", "You need to prepare antibiotic cream: if the wound is shallow, wash it with soap and water, and apply antibiotic cream to it and then bandage the area after you clean the wound. If the wound is deep, bleeds profusely or show signs of infection, call a doctor and seek treatment", "Null");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Lycium ferocissimum Miers", "Null", "400-500cm", "Its invasiveness is considered to be one of the most serious weeds in Australia. The rapid formation of spiny bushes reduces livestock activities and the land; its fruits can also provide a breeding ground for pests such as Drosophila.", "Adelaide/Victoria/Canberra/New South Wales", "Weeds", "Generally grow on waste-land, creek-beds, fence-lines, and roadsides in arid sub-humid subtropical regions can germinate at any time of the year, but most occurs in summer.", "To implement mechanical control, it is best to use herbicides. Or cut off each stem on the ground, and then immediately apply the herbicide to the cut surface.", "In the 1880s, it was used as a hedge plant for borders or garden plants. But its widespread use has led to its widespread.", "https://i.loli.net/2020/09/11/fAs6OdtKTyrJxh7.png", "4.5", "plant", "Null", "Generally grow on waste-land, creek-beds, fence-lines, and roadsides in arid sub-humid subtropical regions can germinate at any time of the year, but most occurs in summer.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Alternanthera philoxeroides", "Null", "1000-1500cm(sprout)", "One of Australia's most invasive plants, affecting vegetation, animals, and society. Destroy water quality, limit photosynthesis of other vegetation, and then affect the food of herbivores and people's recreational activities.", "Victoria/Sydney/New Castle/Brisbane/Tasmania", "Weeds", "It can live in both aquatic and terrestrial habitats, grows in creeks, rivers, ponds, and drainage channels also can live in tolerate 10% to 30% sea-strength salinity, can survive in tropical and subtropical regions.", "Find out early. Otherwise, restrict the area of ​​Aspergillus sphaeroides. Or release insects. Chemicals that can also be used include glyphosate, grass powder, fluroxypyr, imidazole, and imidazole.", "Chinese alligator weed is considered one of the most serious weeds in Australia due to its invasiveness, transmission potential, and economic and environmental impact. It can destroy land and water and is difficult to control.", "https://i.loli.net/2020/09/11/8gmLFVyEf4twhOW.png", "4.5", "plant", "Null", "It can live in both aquatic and terrestrial habitats, grows in creeks, rivers, ponds, and drainage channels also can live in tolerate 10% to 30% sea-strength salinity, can survive in tropical and subtropical regions.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Tamarix aphylla", "Null", "1800cm", "It consumes more water than most native Australian plants, replaces the indigenous eucalyptus trees along the inland rivers, reduces the number of birds and reptiles, and causes land flooding and increased soil erosion.", "Alice Spring/Adelaide/Broken Hill", "Weeds", "As long as there is moisture, the seeds will germinate most of the year, but the main germination period is autumn. The first-year seedlings can reach a height of 60 to 100 cm. It can then grow to a height of 2 to 5 m.", "Chemical control can be performed at the position where the stem distance does not exceed 100 mm. The felling of stumps is suitable for large trees, but the fallen trees must not remain in the moist soil, and all roots should be carefully removed to avoid re-rooting.", "Athel Pine can reproduce through seeds spread by wind, floods, and animals. The viability of the seed is very short, although only a few weeks, it can be spread by burying or submerging the stem for a long distance.", "https://i.loli.net/2020/09/11/FKoYEBJSqf9OVng.png", "3.5", "plant", "Null", "As long as there is moisture, the seeds will germinate most of the year, but the main germination period is autumn. The first-year seedlings can reach a height of 60 to 100 cm. It can then grow to a height of 2 to 5 m.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Chrysanthemoides monilifera", "Null", "300cm", "Reduced coastal biodiversity in the area. It affects many threatened species and plant communities, especially in the Sydney area. It can also create a favorable environment for other highly invasive weeds (such as asparagus fern).", "Cosford/Helensburgh/ Sydney/Budgewoi/Gold Coast/Coffs Harbor", "Weeds", "It generally lives in the coast area, and the seeds germinate at any time of the year, but most of them germinate in autumn. Most seeds can survive for at least two years.", "Prevent the seeds from spreading to the surrounding area: destroy mature plants, destroy any bitter shrubs in the garden, and separate plants can be treated with herbicides by spot spraying.", "It can grow in various environments from bare sand dunes to forests and can resist fire and other disturbances to a certain extent. In and not suitable for a humid environment, poor frost resistance", "https://i.loli.net/2020/09/11/NSxFQEHKkWeiUbC.png", "4", "plant", "Null", "It generally lives in the coast area, and the seeds germinate at any time of the year, but most of them germinate in autumn. Most seeds can survive for at least two years.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Dolichandra unguis-cati", "Null", "2000cm", "Cat's Claw Creeper has the ability to completely suffocate native plants, and can even grow on tall trees. Due to the combination of weight and shadow, they may cause the largest canopy tree to eventually die.", "Sydney/NewCastle/Taree/Coff Harbour/Lismore/Gold coast/Brisbane/Gympie", "Weeds", "The Cat's Claw Creeper commonly originates from vegetation in waterways and disturbed rainforests. It has a high tolerance to low light environments, although it is more active in clear gaps and forest edges.", "The control of the Cat's claw depends on the use of herbicides.", "It is highly invasive and widely exists in all areas of the world. It can spread rapidly in the vertical and horizontal directions, thereby affecting all plant layers in the forest ecosystem.", "https://i.loli.net/2020/09/11/GE8nsfYHt7xiXB3.png", "4", "plant", "Null", "The Cat's Claw Creeper commonly originates from vegetation in waterways and disturbed rainforests. It has a high tolerance to low light environments, although it is more active in clear gaps and forest edges.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Genista linifolia", "Null", "200cm", "G. linifolia invades lowland grasslands and grassy forests, posing a high threat to wet hard-leaf forests and riparian vegetation. It is poisonous and will affect dense grass and reduce grazing area", "Perth/Augusta/Adelaide/Melbourne/Canberra/Sydney/Wallangarra", "Weeds", "Most of the growth period of the Genista species is in the warmer months. Seeds fall off in spring and summer and germinate in autumn and spring.", "Control the death of seedlings before they establish seeds and prevent the establishment of soil seed banks. Foliar herbicide sprays can be used to control flax (G. linifolia), but the regeneration of mature plants must be prevented.", "It will invade areas with the mild climate, moderate rainfall, and weakly acidic soils. These soils usually breed various native ecosystems, such as roadsides. It can also withstand relatively dry and humid places", "https://i.loli.net/2020/09/11/ybrgIXG3ukOj68Z.png", "3", "plant", "Null", "Most of the growth period of the Genista species is in the warmer months. Seeds fall off in spring and summer and germinate in autumn and spring.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Pereskia aculeata", "Null", "1000cm", "Excessive Pereskia aculeata has a major impact on native trees. It will climb up vegetation and destroy biomass, forming large bushes that are impenetrable. Large and thorny stems and branches can seriously harm people and affect people's entertainment and tourism.", "Millaa Millaa/Brisbane/Coolangatta/Cairns", "Weeds", "It thrives in tropical and subtropical environments and is drought tolerant. It can tolerate many soil types, especially well-drained and nutrient-rich soils.", "It can be controlled by Triclopyr or biological control with the leaf-feeding flea-beetle, Phenrica guérini, which has caused significant damage to Pereskia plants at Port Alfred, Eastern Cape, South Africa.", "Dumping plants on roadside vegetation may cause transmission. Near small rivers and other water bodies, plant debris can be washed to a certain distance downstream to establish new populations.", "https://i.loli.net/2020/09/11/WldJOryU7Ni1aec.png", "4", "plant", "Null", "It thrives in tropical and subtropical environments and is drought tolerant. It can tolerate many soil types, especially well-drained and nutrient-rich soils.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Mimosa pigra", "Null", "500-600cm", "The invasion of mimosa reduced land use. Tricky mimosa replaces grassland, preventing people from entering livestock drinking spots. Reduce the biodiversity of native animals and plants.", "Darwin/Bulgul/Humpty Doo/Kununurra/Hotham/Kakadu/West Arnhern", "Weeds", "If the soil is moist but not submerged, the mimosa will sprout throughout the year. Mimosa grows very fast. Under ideal conditions, the infestation will double every 18 months.", "Spraying herbicides on larger areas and strategic use of fire may also be effective", "Mimosa produces many seeds. The seeds in the soil can also be spread through the culture medium.", "https://i.loli.net/2020/09/11/4KBDM2eRXVbiYCa.png", "3.5", "plant", "Null", "If the soil is moist but not submerged, the mimosa will sprout throughout the year. Mimosa grows very fast. Under ideal conditions, the infestation will double every 18 months.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Prickly Pears", "Null", "500-700cm", "Prickly pears may form dense patches and harbor harmful insect species. It pierces the skin easily, causes irritation, and is difficult to remove, causing harm to animals and humans. It will also reduce land productivity.", "Toowoomba/Brisbane/Melbourne/Canberra/Adelaide/Port Augusta/Broken Hill/Dubbo/Tamworth", "Weeds", "Prickly pear reproduces from broken stem nodes and can form roots with inferior pores (spots on stem nodes) in contact with the soil surface. Plant parts isolated from certain species can be used indoors for up to 3 years.", "Physical removal seems to be one of the most effective control methods for Prickly Pears. The root system must also be dug out to prevent regeneration.", "Many prickly pears reproduce asexually from stem fragments, flowers, or immature fruits. When they come into contact with the soil, they produce roots, produce new plants, and spread locally.", "https://i.loli.net/2020/09/11/2qfJgohQYvyDXm3.png", "3.5", "plant", "Null", "Prickly pear reproduces from broken stem nodes and can form roots with inferior pores (spots on stem nodes) in contact with the soil surface. Plant parts isolated from certain species can be used indoors for up to 3 years.");

Insert into Pest(pest\_name, pest\_weight, pest\_height, pest\_threat, pest\_region, pest\_category, pest\_diet, pest\_ways, pest\_tips, pest\_image, pest\_score, pestName\_category, first\_aid, pest\_habitat)

values("Salvinia molesta", "Null", "0.5-4cm", "A dense cushion is formed on the water surface, which seriously changes the aquatic environment of related animals. It can also cause water stagnation and pollution, and provide favorable conditions for disease-carrying mosquitoes to multiply.", "Perth/Darwin/Endyalgout Island/Carins/Townsville/Sydney/Briabane/Melbourne/Newcastle", "Weeds", "Salvinia grows best when the water temperature is between 20 and 30°C. Growth is restricted or no growth at 10°C. When it is rich in nutrients, it grows faster.", "A tiny weevil, Cyrtobagous Salvinia, is currently being studied as a biological control method. It is also possible to use machines or harvesting equipment to remove plants, but only for small infections.", "Salvinia molesta is probably of hybrid origin and is usually sterile. ", "https://i.loli.net/2020/09/11/WS6pmBg2obVrdQj.png", "4", "plant", "Null", "Salvinia grows best when the water temperature is between 20 and 30°C. Growth is restricted or no growth at 10°C. When it is rich in nutrients, it grows faster.");

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.609054, -34.927525, "Adelaide", "SA", 21);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.62, -36.52, "Runnymede", "VIC", 21);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.132309, -35.28466, "Canberra", "ACT", 21);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.39, -31.7, "Nyngan ", "NSW", 21);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.7851531, -37.4713077, "Clarkefield", "VIC", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.2091876, -33.8687256, "Sydney", "NSW", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.78156, -32.9282688, "New Castle", "NSW", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.01888, -27.461803, "Brisbane", "QLD", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.9706647, -41.439316, "Middlesex", "TAS", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(134.965686, -19.523553, "Barkly Region", "NT", 22);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(133.884543, -23.705798, "Alice Spring", "NT", 23);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.600546, -34.9284989, "Adelaide", "SA", 23);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(141.450605, -31.955184, "Broken Hill", "NSW", 23);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.338043, -33.425057, "Cosford", "SA", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.998969, -34.182678, "Wollongong", "NSW", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.210467, -33.870387, "Sydney", "NSW", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.553703, -33.233196, "Wyong", "NSW", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.407893, -28.020886, "Gold Coast", "QLD", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.108843, -30.297662, "Coffs Harbor", "NSW", 24);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.211137, -33.870122, "Sydney", "NSW", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.780227, -32.928508, "New Castle", "NSW", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.446526, -31.893172, "Greater Taree", "NSW", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.104782, -30.298908, "Coff Harbour", "NSW", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.284361, -28.809802, "Lismore", "NSW", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.390103, -28.018007, "Gold coast", "QLD", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.027181, -27.467203, "Brisbane", "QLD", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.674214, -26.187175, "Gympie", "QLD", 25);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.8604572, -31.9505269, "Perth", "WA", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.343805, -33.426996, "Gosford", "WA", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.600034, -34.929435, "Adelaide", "SA", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.962, -37.814935, "Melbourne", "VIC", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.128461, -35.281671, "Canberra", "ACT", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.211036, -33.872553, "Sydney", "NSW", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.943171, -28.896292, "Southern Downs", "QLD", 26);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.6044448, -17.5144717, "Tablelands", "QLD", 27);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.024155, -27.472243, "Brisbane", "QLD", 27);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.534998, -28.166629, "Coolangatta", "QLD", 27);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.7780548, -16.9185514, "Cairns", "QLD", 27);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.906895, -31.247911, "Bogan", "NSW", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.748368, -37.483313, "Clarkefield", "VIC", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(119.6898, -25.1731, "Kumarina", "WA", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.557169, -35.17465, "Onkaparinga River National Park", "SA", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.097822, -20.537649, "White Mountains National Park", "QLD", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.735025, -41.781553, "Granite Tor Conservation Area", "TAS", 1);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.141916, -33.921711, "Kanangra Boyd National Park", "NSW", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.597652, -37.628372, "Yarra Range National Park", "VIC", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(116.086355, -31.858897, "John Forrest National Park", "WA", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.773767, -34.720169, "One Tree Hill", "SA", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.039114, -28.269311, "Warwick", "QLD", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(130.924408, -12.393994, "Holmes", "NT", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.802857, -35.416354, "Braidwood", "ACT", 2);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.2793906, -36.7570157, "Bandigo", "VIC", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.3037323, -33.409983, "Blue Mountains", "NSW", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.948087, -27.46943, "Brisbane", "QLD", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.726997, -32.280998, "Rockingham", "WA", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.37808, -35.505416, "Canberra", "ACT", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.766254, -34.581295, "Gawler", "SA", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.281095, -42.880999, "Horbart", "TAS", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(130.90245, -12.531358, "Darwin", "NT", 3);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.532165, -38.193369, "Geelong", "VIC", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.801906, -34.415209, "Wollongong", "NSW", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.587212, -41.241886, "Burnie", "TAS", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.130014, -27.327207, "Hampton", "QLD", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.856535, -35.078863, "Adelaide", "SA", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.240445, -35.42173, "Googong", "ACT", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.835208, -33.555353, "Donnybrook", "WA", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(131.867797, -13.806598, "Pine Creek", "NT", 8);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.2311911, -33.9921164, "Bare Island", "NSW", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.3173758, -33.5572106, "Lion Island", "NSW", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.6394621, -18.9625479, "Acheron Island", "QLD", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(132.5313457, -11.1764219, "Croker Island", "NT", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(137.6639744, -35.6264954, "Beatrice Islets", "SA", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.102087, -32.743845, "Broke", "NSW", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.709756, -37.848256, "Powelltown", "VIC", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.545059, -26.757462, "Murchison", "WA", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(139.024697, -34.469116, "Nurlootpa", "SA", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.270238, -24.978485, "Bundaberg", "QLD", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(132.267641, -14.531178, "Katherine", "NT", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.288531, -35.31616, "Queanbeyan", "ACT", 4);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.7443331, -35.3860672, "Murray Darling Basin", "QLD", 5);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.2393528, -35.1324002, "Gulf of St Vincent", "SA", 5);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(131.097498, -12.34867, "Darwin", "NT", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(130.131029, -13.0868863, "Bulgul", "NT", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(131.102222, -12.575278, "Humpty Doo", "NT", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(128.7654685, -15.6049485, "Kununurra", "WA", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.1327778, -36.9752778, "Hotham", "VIC", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(132.3937658, -13.0922931, "Kakadu", "NT", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(133.6565478, -12.2562233, "West Arnhern", "NT", 28);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(148.228665, -32.727341, "Peak Hill", "NSW", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.50835, -38.110305, "Traralgon", "VIC", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.229051, -34.042031, "Witchcliffe", "WA", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(135.833862, -34.728307, "Port Lincoln", "SA", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.578498, -27.321098, "Lake Wivenhoe", "QLD", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.239833, -42.224372, "Lake King William", "TAS", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.112463, -35.293744, "Molonglo River", "ACT", 6);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.9993386, -28.6809564, "Richmond River", "QLD", 7);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.7296388, -30.4332051, "Bellinger River", "NSW", 7);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.3326862, -33.5565739, "Hawkesbury River/Broken Bay", "QLD", 7);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.7446771, -35.0480805, "Jervis Bay", "NSW", 7);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.65, -38, "Gippsland Lakes", "VIC", 7);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.9506696, -27.5598212, "Toowoomba", "QLD", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.805484, -27.426872, "Brisbane", "QLD", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.271284, -37.436833, "Melbourne", "VIC", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(148.824403, -35.512022, "Canberra", "ACT", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(140.451746, -35.653708, "Adelaide", "SA", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(137.7894394, -32.4952339, "Port Augusta", "SA", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(141.4539396, -31.9539135, "Broken Hill", "NSW", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(148.6329645, -32.2315018, "Dubbo", "NSW", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(150.9320334, -31.092748, "Tamworth", "NSW", 29);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.7123335, -37.9112576, "Bairnsdale and Paynesville", "VIC", 11);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.7443331, -35.3860672, "Murray River", "SA", 11);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.45621, -30.82738429, "Macleay River", "NSW", 11);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.9358867, -35.2306369, "Shoalhaven River", "NSW", 11);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(140.7442855, -34.1742746, "Renmark", "SA", 11);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.995821, -37.8511185, "Lakes Entrance", "VIC", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.1463819, -29.4612304, "Clarence River", "NSW", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(152.4736434, -31.4101475, "Hastings River", "NSW", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.788155, -33.3057308, "Leschenault Inlet & Collie River", "WA", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.3843373, -42.3197515, "Macquarie Harbour and the Gordon River", "TAS", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.7443331, -35.3860672, "Murray River", "SA", 12);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.7443331, -35.3860672, "Murray Darling Basin", "QLD", 10);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.6483509, -32.6135821, "Harvey Estuary & Peel Inlet", "WA", 10);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(115.834347, -31.960828, "Perth", "WA", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(130.84513, -12.464874, "Darwin", "NT", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(132.6097596, -11.6970626, "Endyalgout Island", "NT", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.840773, -16.988502, "Carins", "QLD", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.81571, -19.25819, "Townsville", "QLD", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.213965, -33.868661, "Sydney", "NSW", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.021821, -27.467117, "Brisbane", "QLD", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.962663, -37.812176, "Melbourne", "VIC", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.780527, -32.928306, "Newcastle", "NSW", 30);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.9706647, -41.4545196, "Middlesex", "TAS", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.906857, -31.247792, "Girilambone", "NSW", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.746954, -37.483683, "Clarkefield", "VIC", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(120.69857, -27.919194, "Leinster", "WA", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(136.07394, -29.931135, "Billa Kalina", "SA", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.556746, -22.362776, "Muttaburra", "QLD", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(132.5509603, -19.4914108, "Barkly Region", "NT", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(149.056322, -35.511968, "Tharwa", "ACT", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.1562047, -33.92713579, "Marrickville", "NSW", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.225581, -33.854974, "Vacant", "NSW", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.973054, -16.759447, "Cairns", "QLD", 13);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(135.009291, -19.532391, "Barkly Region", "NT", 14);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(125.570619, -18.196831, "Derby-West Kimberley", "WA", 14);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.206143, -33.866612, "Sydney", "NSW", 14);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.206143, -33.865498, "Sydney ", "NSW", 15);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(145.969714, -41.454861, "Central Coast", "TAS", 15);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(146.906863, -31.247737, "Girilambone", "NSW", 15);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.749981, -37.486131, "Clarkefield", "VIC", 15);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(136.144635, -29.93887, "Billa Kalina", "SA", 15);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(141.9368545, -10.2199025, "Torres strait", "QLD", 16);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(134.865436, -19.526142, "Barkly Region", "NT", 16);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(147.129055, -31.503629, "Girilambone", "NSW", 17);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.777859, -37.490115, "Clarkefield", "VIC", 17);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(136.648049, -29.571068, "Billa Kalina", "SA", 17);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(142.370469, -37.20955, "Shire of Northern Grampians", "VIC", 18);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(142.0798249, -37.2596492, "Rocklands Reservoir", "VIC", 18);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.4938982, -38.2836875, "Barwon", "NSW", 18);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.4014055, -38.1826107, "Lake Corangamite", "VIC", 18);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(143.566667, -38.633333, "Beech Forest", "VIC", 18);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(142.660864, -18.319981, "Croydon", "QLD", 20);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(138.610444, -34.938472, "Adelaide", "SA", 20);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(144.748564, -37.483245, "Clarkefield", "VIC", 20);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(153.025338, -27.469859, "Brisbane", "QLD", 19);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.110702, -23.8296, "Yarwun", "QLD", 19);

insert into Location(lontitude, latitude, location\_name, State, pest\_ID) values(151.227043, -33.976606, "Port Botany", "NSW", 19);