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),

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)

values("European Rabbits","1.2-2.0kg", "40cm", "They directly compete with livestock for pasture and which can seriously affect farming enterprises and can cause irreversible land degradation", "Great Britain/Ireland/Australia/Chile", "Invasive species", "grasses/young and succulent leaves/fescues/winter wheat/tree bark/blackberries/root vegetables", "report to local authorities/chemical control (use sodium flouroacetate)", "Rabbits are highly social/rabbits have an unusual desigtive system/rabbits have countinously growing teeth", "https://www.abc.net.au/reslib/200904/r358314\_1650542.jpg", "3.5", "rabbit");

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)

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", "over 300 animal species/primarily voles/mice/ground squirrels/hamsters/gerbils/woodchucks/pocket gophers", "Uses creosote, disel oil or ammonia to block access/trapping/shooting/den fumingation", "Foxes have soft whiskers on their wirsts that help with their pouncing aim", "https://www.wildlifetrusts.org/sites/default/files/styles/node\_hero\_desk\_wide/public/2017-12/Fox0025aJonHawkins.jpg?h=79feec94&itok=WD4Zu83V", "3.5", "fox");

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)

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, 72.3% mamals/18.8% birds/3.8% are insects, fish,crabs and frogs", "Stay calm and walk away, DO NOT RUN/ Avoid direct eye contact/ aviod change of facial expression/ protect your face and neck", "Carry a sturdy hiking stick. A good, thick wooden staff is better than trekking poles, but poles are better than nothing", "https://www.abc.net.au/cm/rimage/10173236-3x2-xlarge.jpg?v=4", "3.5", "dog");

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)

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", "Invasive species/pest", "prey on vertebrates and invertebrates, prefer small animals (e.g., mammals, birds, and lizards), most commonly are house mouse, European rabbit, and ringtail possum", "Don't feed and forget feral cats/Help feral cats with health care.", "Feral cats are normally prey on animals with body weights under 100g and a femal cat may produce up to 150 kittens in her life time.", "https://static.ffx.io/images/$width\_800%2C$height\_450/t\_crop\_fill/q\_86%2Cf\_auto/95383e31af99c89bfa260ce0ad4dca17aabefb31", "3.5", "cat");

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)

values("European carp", "40kg", "120cm", "Negative impacts on freshwater ecosystem: increase turbidty/bank slumping/nutrients/algae blooms and decrease aquatic plants/native fish/water quality", "Eastern Asia/ Eastern Europe/ Australia", "Invasive species/pest", "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", "https://www.lsuagcenter.com/~/media/system/8/6/9/8/8698f11c8f5b1e978cf0b5264468df9d/figure%2019jpg.jpg", "3.5", "fish");

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)

values("Gold fish", "2.3kg", "50cm", "threatning the resourece competition of local waterways, and disease and parasite transmission", "Eastern Asia/Australia", "Invasive species", "eat crustaceans, insects and various plant matter", "Never release aquarium fish in to waterways/report to local fisheries organizations/never use pest fiush as fishing bait/participating pest fishing competitions", "Gold fish was first selectively bred in ancient China more than 1,000 years ago, and several distinct breeds have since been developed", "https://www.liveaquaria.com/images/categories/large/lg\_39507\_Fantail\_Goldfish\_Red.jpg", "3.5", "fish");

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)

values("Eastern Gambusia", "0.00001-0.0019kg", "3.5-8cm", "Brings competition with native species for food, habitat or spawning area, parasitye transmission", "United States/Australia", "Invasive species/pest", "eat native fish, eggs, frog eggs, tadpoles and aquatic macro invertebrates", "Never release aquarium fish in to waterways/report to local fisheries organizations/never use pest fiush as fishing bait/participating pest fishing competitions", "Eastern gambusia is considered an invasive species on every continent except Antartica", "https://animalreader.ru/wp-content/uploads/2015/01/gambuzija-animal-reader.ru-001.jpg", "3.5", "fish");

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)

values("House mice", "0.04-0.05kg", "7.5-10cm", "Carry diseases and contaminated stored food. Humans can become ill by consuming salmonella contaminated food. Symptoms of salmonellosis include diarrhea, fever and abdominal pain.", "Southeastern Australia", "Invasive species", "plant matters/own faeces/omnivorous (foods and vegetables)", "Chemical and non-chemical method (Exclusion/Sanitation/Traps/Baits)", "House mice's droppings and urine contaminate food and if the population is not controlled house mice can cause contamination problems in places where they nest. ", "https://www.americanpest.net/images/mice-in-md.jpg", "3.5", "mice");

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)

values("Sturnus vulgaris", "0.06-0.08kg", "20-24cm", "Starlings can cause significant damage to horticultural industries, particularly cherries, grapes, blueberries, olives, stone fruits and apples", "Southeastern Australia", "Invasive species/Pest", "One of the most common species in lowland suburban and cleared agricultural areas, also in open woodlands ", "Exclusion by netting fruit and other crops and habitat modification by reducing access to nesting, roosting and food and water resources seem to be the most effective approaches. ", "In eastern Australia, weeds like bridal creeper, blackberry and boneseed are thought to have been spread by common starlings", "https://cdn.download.ams.birds.cornell.edu/api/v1/asset/67454961/320", "3.5", "bird");

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)

values("Tilapia", "0.8-4.3kg", "30-60cm", "In Australia, they have identifield potential impacts including: large areas of disturbed substrate (pond/river bottom) due to nest building. Also damage to aquatic plants from nest-building activities and disruption of spawning in native fishes. Too many tilapia can also damage the water quality.", "Northeast Queesland (Wet Tropics)/Gulf of Carpentaria drainage/Victoria", "Invasive species", "Omnivores and will eat algae, plant matter, organic particles, small invertebrates and fishes.Since they don't rely on any particular food resource. they can living in different enviroments.", "Attempts to stop the spread of black mangrove cichlid, could expand the distribution of this project in the future.", "Tilapia are on the IUCN's 100 of the World Worst Alien Invasive Species list.", "https://upload.wikimedia.org/wikipedia/commons/5/5d/Tilapia\_cabrae.jpg", "3.5", "fish");

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)

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)", "Invasive species/pest", "mainly feeded by organic material such as algae", "Never release aquarium fish in to waterways/report to local fisheries organizations/never use pest fiush as fishing bait/participating pest fishing competitions", "Females can produce 4,000 to 12,000 eggs per spawn. The eggs are laid onto submerged plants or substrate. there is no parental care to fertilised eggs. They can live for up to 13 years", "https://media.australian.museum/media/dd/images/Oriental\_Weatherloach\_Misgurnus\_anguillicauda.width-1200.503a441.jpg", "3.5", "fish");

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)

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)", "Invasive species/pest", "prey on small nayive fish and invertebrates", "Never release aquarium fish in to waterways/report to local fisheries organizations/never use pest fiush as fishing bait/participating pest fishing competitions", "Redfin eggs are 2-3 mm in diameter and take 1-2 weeks to hatch. Juvenile fish usually form large schools", "https://www.pir.sa.gov.au/\_\_data/assets/image/0009/290088/varieties/preview.jpg", "3.5", "fish");

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)

values("Feral Pig", "50-100kg", "55-120cm", "Feral pig brings substantial damage to Australia's agricultural industries, environment and social values. They carry diseases such as leptospirosis. Which caused more than $106 million economic losses.", "United Kingdom/United States/South America/Australia", "Invasive species/pest", "prey on crops, newborn lambs, native wildlife", "Be calm and move slowly away from the animal/Do not approach or attempt to feed the animal/Keep a safe distance and do not corner or provoke the animal (e.g., using a flash while taking photos)", "Pigs are highly intelligent and have been shown to communicate as many as 20 different vocalisations to express their thoughts", "https://zjf683hopnivfq5d12xaooxr-wpengine.netdna-ssl.com/wp-content/uploads/2016/06/boarcrop-1480x833.jpg", "3.5", "pig");

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)

values("Cane Toad", "19-22kg", "Null", "Cane toad is one of the World's Invasive Species. Glands on their body secrete posions 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", "Invasive species/pest", "prey on a wide range of materials, such as small rodents, reptiles, other amphibians, birds and bats as well as invertebrates. They also eat plants, dog food, and household refuse", "Remove standing water, because toads need access to water every two days to rehydrate/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://upload.wikimedia.org/wikipedia/commons/thumb/0/0e/Cane\_toad\_-\_ABC\_News.jpg/800px-Cane\_toad\_-\_ABC\_News.jpg", "3.5", "toad");

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)

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", "eat a variety of vegetation, mostly grasses, browse and mast. Other items includes herbs, dwarf shrubs, bud and leaves", "Trapping and exclusion fencing/sprey repellent/use sonic repellent", "Adult males are usually solitary but may join bachelor group, usually of less than 6 anmials.", "https://www.feralscan.org.au/images/2018%20images/fallow%204%20lowres.jpg", "3.5", "deer");

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)

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", "Trapping and exclusion fencing/sprey repellent/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, which has now definite breeding season", "https://i.pinimg.com/236x/96/76/f7/9676f7b942da1cd58e9e6675e4315f3a--deer.jpg", "3.5", "deer");

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)

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. They also consume a great variety of shrubs and trees.", "Trapping and exclusion fencing/sprey repellent/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. They can breed throughout the year, with a peel in September and October", "https://vignette.wikia.nocookie.net/wildkratts/images/2/21/Sambar\_deer\_LA.PNG/revision/latest?cb=20190308171949https://vignette.wikia.nocookie.net/wildkratts/images/2/21/Sambar\_deer\_LA.PNG/revision/latest?cb=20190308171949", "3.5", "deer");

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)

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", "Trapping and exclusion fencing/sprey repellent/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://lh3.googleusercontent.com/proxy/1xuj6exdur1oih7cv3SubSdSZiLP5RxzWAiKHczIybVFEjoNlhtaWDKoeiORu4nx4xZLBpaE3CNHF\_LB7Olf7Z8N0j-UxFg4-nIit7xIjwQLX3RvoATVK-msenmg", "3.5", "deer");

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)

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", "consists of dead mammals, arthropods, insects, earthworms, vertebrates and solid food matter", "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. If you experience some of these symptoms, you should immediately call emergency medical attention", "https://i.guim.co.uk/img/media/6aec8fcc0aecef02f78762442e0f57d079598135/0\_148\_1525\_915/master/1525.jpg?width=300&quality=85&auto=format&fit=max&s=2bdaea4297952f9dee8d19c3ae75e2e7", "3.5", "ant");

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)

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", "browse on a variety of grasses, fruit and leaves", "Trapping and exclusion fencing/sprey repellent/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://d1j8a4bqwzee3.cloudfront.net/~/media/Corporate/Images/Carousel%20Images/Environment/Invasive%20animals%20and%20plants/Alert%20species%20carousels/Chital%20deer%20carousel.jpg", "3.5", "deer");

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)

values("Lycium ferocissimum Miers", "Null", "400-500cm", "Its regarded as one of the worst weeds in Australia for its invasiveness, potential for spreas and environmental impacts.", "Adelaide/Victoria/Canberra/New South Wales", "Weeds", "Generally grow on waste-land, creek-beds, fense-lines and readsides in arid sub-humid subtropical regions, can germinate at any time of the year, but most occurs in summer.", "Implement mechanical control, but preferably requires planting and/or herbicides. Use the herbicide as a foliar spray, or cut off each stem on the ground, and then immediately apply the herbicide to the cut surface.", "It was introduced as a hedge plant for boundary demarcation or garden plant in the 1880s. But wide use for rural areas that leads its extensive occurrence and naturalization.", "https://live.staticflickr.com/4068/4316625769\_428cbde5de\_b.jpg", "3.5", "plant");

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)

values("Alternanthera philoxeroides", "Null", "1000-1500cm(sprout)", "As one of Australia's most invasive plants, it has affected vegetation, animals and society.", "Victoria/Sydney/New Castle/Brisbane/Tasmania", "Weeds", "It can live in both aquatic and terrestrial habitats, grows in creeks, rivers, ponds and drainage channels", "Precaution: Early detection is the best choice. ", "it is considered one of Australia's worst weeds. This is a particularly troublesome weed because it damages the land and water and is difficult to control.", "https://upload.wikimedia.org/wikipedia/commons/b/b7/Alternanthera\_philoxeroides\_habit4c\_(11680147013).jpg", "3.5", "plant");

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)

values("Tamarix aphylla", "Null", "1800cm", "It consumes more water than most native Australian plants, so it is more usable than competitors. It replaced the indigenous eucalyptus trees along the river inland.", "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. The first flower appears about the third year, every summer thereafter.", "Since Athel Pine does not displace the herbicide laterally, it can be chemically controlled at a point where the stem distance does not exceed 100 mm.", "Athel Pine reproduces through seeds spread by wind, floods and animals.", "https://cf.ltkcdn.net/garden/images/orig/211153-2125x1411-Tamarix-tree.jpg", "3.5", "plant");

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)

values("Chrysanthemoides monilifera", "Null", "300cm", "The most important impact is the reduction of coastal biodiversity in the affected areas. It affects many threatened species and plant communities, especially in the Sydney area.", "Cosford/Helensburgh/ Sydney/Budgewoi/Gold Coast/Coffs Harbor", "Weeds", "It generally live in 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 seeds from spreading to surrounding areas. The isolated plants can be treated with herbicides by point spraying.large areas with minimal impact on native species.", "It grows in a variety of environments-from bare sand dunes to dark forests.", "https://blog.diamondmowers.com/hs-fs/hubfs/bitou%20bush.jpg?width=1200&height=900&name=bitou%20bush.jpg", "3.5", "plant");

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)

values("Dolichandra unguis-cati", "Null", "2000cm", "Cat's Claw Creeper has the ability to completely suffocate native vegetation, and can even grow on tall trees, and many bush areas in eastern Australia are heavily infested by this species.", "Sydney/NewCastle/Taree/Coff Harbour/Lismore/Gold coast/Brisbane/Gympie", "Weeds", "Cat's Claw Creeper is most commonly attributed to vegetation in waterways and disturbed rainforests. The cat's claw crawler has a high tolerance for low light environments, although it is more active in sunny gaps and forest edges.", "The control of cat's claw crawlers usually relies on the use of herbicides, because unless there is minimal infection, hand control is impractical.", "It is very intrusive and is widespread worldwide. It can affect all plant layers of forest ecosystems by spreading quickly in vertical and horizontal directions.", "https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcQzhwBgGVp7wpZwSnJrbJ2Cp3lFBQras3MMwQ&usqp=CAU", "3.5", "plant");

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)

values("Genista linifolia", "Null", "200cm", "G. linifolia is considered to pose a high threat to many native vegetation communities, invading lowland grasslands and grassy woodlands. ", "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", "It is important to control the young plants that died before they set up seeds to prevent the establishment of soil seed banks.", "It has invaded areas with temperate climates and moderate rainfall", "https://upload.wikimedia.org/wikipedia/commons/thumb/2/26/Teline\_linifolia\_2.JPG/1200px-Teline\_linifolia\_2.JPG", "3.5", "plant");

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)

values("Pereskia aculeata", "Null", "1000cm", "Pereskia aculeata can have a major impact on native trees due to overgrowth and suffocation.", "Millaa Millaa/Brisbane/Coolangatta/Cairns", "Weeds", "It thrives in tropical and subtropical environments and is drought-tolerant. It can tolerate many soil types and tends to drain well 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 in roadside vegetation is another possible cause of spread. Where the leaf cactus is close to small rivers and other water bodies, plant debris can be washed a certain distance downstream to establish new populations", "https://upload.wikimedia.org/wikipedia/commons/thumb/e/ed/Pereskia\_aculeata\_%287204602300%29.jpg/1200px-Pereskia\_aculeata\_%287204602300%29.jpg", "3.5", "plant");

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)

values("Mimosa pigra", "Null", "500-600cm", "The invasion of mimosa threatens the production, culture and conservation value of wetlands, and reduces the scope of land users to develop resources. ", "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.", "Larger areas can be sprayed with herbicides, and strategic use of fire may also be effective. However, long-term biological control is the only cost-effective large-scale infection control. Since 1983, at least 12 species of insects and 2 species of fungi have been released on Australian mimosa, such as Nesaecrepida infuscata, which attack the roots and leaves of plants.", "Mimosa produces a lot of seeds. If eaten by animals, the seeds will pass through the digestive tract unharmed. Seeds in the soil can also be spread through media. However, in floodplains, the most important method of diffusion is simply to use water, which brings the downstream part into the water.", "https://keys.lucidcentral.org/keys/v3/eafrinet/weeds/key/weeds/Media/Html/images/Mimosa\_pigra\_(Giant\_Sensitive\_Plant)/mimosa\_pigra\_jm03sm.JPG", "3.5", "plant");

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)

values("Prickly Pears", "Null", "500-700cm", "Prickly pear may form dense patches that can barely penetrate livestock and other animals, and may harbor harmful insect species, such as rabbits.", "Toowoomba/Brisbane/Melbourne/Canberra/Adelaide/Port Augusta/Broken Hill/Dubbo/Tamworth", "Weeds", "Prickly Pears reproduce from broken-off stem segments which develop roots from lower areoles (spots on the stem segments) that are in contact with the soil surface. Detached plant parts from some species have been known to last up to 3 years indoors.", "Physical removal seems to be one of the most effective control methods for Zanthoxylum bungeanum. Care must also be taken to remove and properly dispose (usually by burning) all plant and fruit materials. The root system must also be dug out to prevent regeneration.", "Many prickly pears reproduce asexually from stem fragments, flowers or immature fruits. They produce roots when they come into contact with the soil. Local dispersal may occur through stem fragments and fruits falling to the ground and producing new plants.", "https://www.gardendesign.com/pictures/images/900x705Max/dream-team-s-portland-garden\_6/opuntia-prickly-pear-fruit-shutterstock-com\_12799.jpg", "3.5", "plant");

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)

values("Salvinia molesta", "Null", "0.5-4cm", "It forms a dense cushion on the water surface, severely changing the aquatic habitats of animals including birds, fish and invertebrates. ", "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.", "Biological control: A tiny weevil, Cyrtobagous salviniae, was found in the native place of S. heartworm and is currently being studied as a biological control. Mechanical control: Use a machine or harvesting equipment to remove the plants by hand. This is only suitable for small infestations.", "Salvinia molesta is probably of hybrid origin and is usually sterile. The dumping of the unwanted contents of ponds and aquaria is a major reason for the spread of Salvinia.", "https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcSgTxr7TtNk2worBE03Vg3KfL-t3t7bfJq2aw&usqp=CAUq", "3.5", "plant");

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);