

TABLES USED IN THIS PROJECT:

1.MANURES AND FERTILIZERS:

CROPS	MANURES	SEASON
Tobacco	ORGANIC MANURES : FYM @ 10 GREEN MANURES : FYM @ 10 212 Sunn hemp green manuring @ 20 kg/acre or application of FYM or FPC @10-12t/ha or sheep or cattle penning FERTILIZERS: Dolomite ,Di-Ammonium Phosphate 100 kg,Sulphate of Potash 100 kg Ammonium Sulphate 250 kg Sulphate of Potash,Urea 100 kg,Sulphate of Potash	Kharif
Cotton	80 :40:40 (NPK)kg/ha,methyl demeton 25 EC @ 8m /10lit. of water Dimethoate 30 EC @ 33 ml/10lit of water Beta-cyfluthrin 2.5 EC @ 0.0025 % particularly for pink bollworm Cypermethrin 25 EC @ 3.0 ml/10 lit of water	Kharif (June to February)
Pulses	compost and low-leaching manures such as sheep or cow 45-60 kg P2O5 and 20-40 kg S/ha ,15-25 kg N/ha	Kharif, Rabi and Zaid
Corn	cow manure, urea ammonium nitrate (UAN)	Zaid season i.e; May to September
Cereals	herbicidal treatments Blood meal,Meat meal,Fish meal,Horn and Hoof meal,Raw bone meal,Steamed bone meal	Kharif, Rabi and Zaid
Mustard	15-20 tonnes of FYM or compost, 60-90kg nitrogen, 60 kg P2O5 and 40 kg K2O per hectare.	Rabi season from September October to February-March
Ground Nut	Farmyard manure , Compost ,Ammonium sulphate (NH4)2SO4,green leaf manures	kharif-groundnut- June to July
Sesame	weed biomass and poultry manure in compost	Kharif July-August
Coconut	Organic Manure @50kg/palm or 30 kg green manure, 500 g N, 320 g P2O5 and 1200 g K2O/palm/year	warm, rainy summer months
Spices	Wood ash,cowdung manure or compost along with 10 g N and 25 g superphosphate per clump 25-30 tonnes of well rotten FYM or compost per hectare fertilizer - 75:50:50 or 100:50:50 kg. NPK per hectare	Kharif, Rabi and Zaid
Gram	FYM or compost @ 10-15 t/ha, pesticides which include nutrients like Ca, Fe and Zn	Rabi
Millets	FYM or composted coir pith at 12.5 t ha ⁻¹ or poultry manure at 5 t ha ⁻¹ along with 2 kg of Azospirillum 2 kg of phosphobacteria or 4 kg of Azophos	kharif
Fruits	manures such as cow(NPK - 0.6-0.2-0.5), sheep(NPK - 0.7-0.3-0.9), horse(NPK - 0.7-0.3-0.6), chicken (NPK - 1.1-1.4-0.6)	Kharif, Rabi and Zaid

2. FARMER_REG:

```
mysql> select * from farmreg;
+-----+-----+
| USERID | PASSWORD |
+-----+-----+
| trisha_45 | tri@123 |
| hufb | hzhb |
| maggie_20 | mag@123 |
| trisha_45 | tri@123 |
| trisha_45 | tri@123 |
| trisha_45 | tri@123 |
| tris_36 | t@22 |
| prani364 | pr23 |
+-----+-----+
```

3.CUTOMER_DB:

```
mysql> select * from customerdb;
```

USERID	PASSWORD	Name	state	contact
PRANU	pran3	pranaswi	assam	4673842956
riiii	45555	fifabts	kerala	123456789
k	3456	lao k	tamil nadu	1234567890
VINAYAK	ghjsh23	ganesh	uttarakhand	3847839223

4.FARMER:

```
mysql> select * from farmer;
```

Name	Age	Income	state
trye	4	345	goa
fyug	3	357	goa
	342	3454	goa
meg	34	345	goa
nyh	45	345	goa
meg	56	34	goa
ghjk	456	23	goa
nihy	67	567	goa
trish	54	2	goa
mad	67	76	goa
madi	65	2	goa
madi	76	67	Andhra
ghyu	54	45	goa
bhy	56	45	Kerala
fhhjdh	33	3	kerala
bdyagh	3	3	kerala
ghi	34	4	goa
MGYUIJ	45	678	GOA
hgg	56	46	goa
myhi	67	54	goa
hfh	2	4354	gujarat
jhur	3	87348782	haryana
hhud	3	3	goa
fw	3	2342	goa
yty	3	3	goa

5.FARMER_DB:

USERID	PASSWORD	Name	Age	Income	state	contact	willingness	status
TRISHA	tri36	trisandhya	19	223454	kerala	8482784339	yes	unhired
ndhs	234	jbfjs	12	234542	gujarat	3234322344	yes	unhired
doraemon	dora4466	nobita	12	50000	manipur	4567890123	yes	unhired
shinchan	5678sh	tata	45	4567	kerala	1234567890	yes	unhired
DIVHA	2345	NINA	34	3456	tamil nadu	1234567890	yes	unhired

6. TEMPERATURE:

crops	temperature	Annualrainfall
cotton	18°-27°C	60-110 cm
cereals	30°C	75-100 cm
wheat	12°-25°C	25-75 cm
oil seeds	15°-30°C	30-50 cm
tobacoo	15°-20°C	50-100 cm
sugar cane	20°-35°C	85-165 cm
citrus friuts	7°-47°C	700 mm
bajra	25°-35°C	25-60 cm
soya bean	26°-30°C	400-500 mm
rice	15°-27° C	100- 150 cm
mustard	15°-25°C	600-1000 mm
ground nut	20°-30°C	50-75 cm
sesame	25°-35° C	50-75 cm
barley	12°-15°C	180-400 mm
maize	15°-27°C	65-125 cm
coffee	15°-28°C	125-225 cm
rubber	27°C	150-250 cm
coconut	27°C	100-250 cm
cashew	20°-30°C	1-2 cm
tea	15° -35°C	100-250 cm
spices	20°-30°C	1500-2250 mm
gram	27°-30°C	60-140 cm
pulses	20° -27°C	25-60 cm
millets	20°-30°C	50-75 cm
vegetables	21° -32°C	25-75 cm
banana	26°-30°C	650-750 mm
corn	15°-35°C	50-100 cm
fruits	13°-40°C	100 -125 cm

7.EXPERIENCE FARMER:

```
mysql> ^C
mysql> select * from hfarmerdb;
```

USERID	PASSWORD	Name	Age	Income	state
qwerty	12345	Harini	29	12000	Haryana
sara	56789	Saranya	27	30000	Maharashtra
siva	1234	sivani	29	189999	Bihar
e13	1212	wer	12	15678	Bihar
SARAN	sar36	Sri saran	15	73618	Karnataka
SRAVANTHI	sra66	sravs	20	43413435	haryana
nidhi	23456	srinidhi	19	450000	tamil nadu

8.KVK_WITHCONTACTS:

```
mysql> select * from kvkwithconctacts;
```

Sno	STATE	DISTRICT	NoofKVKcentres	Contact
1	Andaman and Nicobar Islands	Nicobar	1	9434272354
2	Andaman and Nicobar Islands	north and middle andaman	1	9933235048
3	Andaman and Nicobar Islands	south andaman	1	9474257114
4	Andhra Pradesh	Anathapur	2	9989623825/7702500000
5	Andhra Pradesh	Chittoor	2	9985424274/8008500320
6	Andhra Pradesh	East Godavari	2	8790819002/7382633693
7	Andhra Pradesh	Guntur	1	9989051559
8	Andhra Pradesh	Krishna	2	9989623824/8008201253
9	Andhra Pradesh	Kurnool	2	9440607424/7702366115
10	Andhra Pradesh	Prakasam	2	9989623827/9494483554
11	Andhra Pradesh	SPSR Nellore	2	9989623828/9441937460
12	Andhra Pradesh	Srikakulam	1	8942286210
13	Andhra Pradesh	Visakhapatnam	2	9493689830/9989623984
14	Andhra Pradesh	Vizianagaram	1	9440019058
15	Andhra Pradesh	West Godavari	2	9989623823/7382633692
16	Andhra Pradesh	YSR kadapa	2	9989623826/9493993523
17	Assam	Bakasa	1	9954384344
18	Assam	Barpeta	1	9435080235
19	Assam	Bongaigaon	1	9854181514
20	Assam	Cachar	1	9436709040
21	Assam	Chirang	1	8638471840
22	Assam	Darrang	1	8638890747
23	Assam	Dhemaji	1	9435092550
24	Assam	Dhubri	1	8638471840
25	Assam	Dibrugarh	1	7085589817
26	Assam	Dimahasao	1	7002508708
27	Assam	Goalpara	1	9435560369
28	Assam	Golaghat	1	9435340387
29	Assam	Hailakandi	1	9435378822
30	Assam	Jorhat	1	7002443307
31	Assam	Kamrup	1	9435044574
32	Assam	Karbi Anglong	1	8011361594
33	Assam	Karimganj	1	7002443307
34	Assam	Kokrajhar	1	9435084843
35	Assam	Lakhimpur	1	9435340387
36	Assam	Morigaon	1	7896028773
37	Assam	Nagaon	1	9435066297
38	Assam	Nalbari	1	9435123352

465	Sikkim	West Sikkim District	1	9474551183
466	Tamil Nadu	Ariyalur	1	9751280089
467	Tamil Nadu	Coimbatore	1	9842441500
468	Tamil Nadu	Cuddalore	1	9443622977
469	Tamil Nadu	Dharmapuri	1	9952406703
470	Tamil Nadu	Dindigul	1	9047054350
471	Tamil Nadu	Erode	1	9443897654
472	Tamil Nadu	Kanchipuram	1	9940542371
473	Tamil Nadu	Kanyakumari	1	9443118008
474	Tamil Nadu	Karur	1	9790020666
475	Tamil Nadu	Krishnagiri	1	8098280123
476	Tamil Nadu	Madurai	1	9003428245
477	Tamil Nadu	Nagapattinam	1	8838882451
478	Tamil Nadu	Namakkal	1	9786679700
479	Tamil Nadu	Perambalur	1	7010882431
480	Tamil Nadu	Pudukkottai	1	9751133143
481	Tamil Nadu	Ramanathapuram	1	9442230628
482	Tamil Nadu	Salem	1	9080107109
483	Tamil Nadu	Sivaganga	1	9443869408
484	Tamil Nadu	Theni	1	9677661410
485	Tamil Nadu	Thoothukkudi	1	9787336235
486	Tamil Nadu	Tiruchirappalli	1	9443119053
487	Tamil Nadu	Tirunelveli	1	9080977594
488	Tamil Nadu	Tiruppur	1	9842207031
489	Tamil Nadu	Tiruvallur	1	9443566162
490	Tamil Nadu	Tiruvannamalai	1	8220004286
491	Tamil Nadu	Tiruvavur	1	9655277010
492	Tamil Nadu	Vellore	1	8489678759
493	Tamil Nadu	Viluppuram	2	9443414662/8300978770
494	Tamil Nadu	Virudhunagar	1	9443185237
495	Telangana	Jayashankar Bhupalpally	1	9100956361
496	Telangana	Karimnagar	1	9848573710
497	Telangana	Khammam	2	9989623831/9989633364
498	Telangana	Kumaram Bheem Asifabad	1	9989623829
499	Telangana	Mahbubnagar	2	7702366110/9422380282
500	Telangana	Mancherial	1	8309101334
501	Telangana	Medak	2	7569039441/8117022258
502	Telangana	Nalgonda	2	7702544771/9849063796
503	Telangana	Nizamabad	1	9989623830
504	Telangana	Peddapalli	1	9494728324

9.PRICE_LIST:

```
mysql> select *from pricelist;
```

ID	Category	Name	Price_per_kg
1	fruit	apple	30
2	fruit	custard apple	50
3	fruit	guava	26
4	fruit	pomogranates	40
5	fruit	grapes	65
6	fruit	water melon	300
7	fruit	lemon	135
8	fruit	mangoes	120
9	fruit	orange	50
10	vegetable	cauliflower	56
12	vegetable	tomato	65
13	vegetable	cucumber	35
14	vegetable	brinjal	30
15	vegetable	bitter guard	30
16	vegetable	ladies finger	50
17	vegetable	beetroot	80
18	vegetable	capsicum	80
19	vegetable	cabbage	75

10.CROP AND SOIL:

SNO	SOIL	CROPS
1	black	Cotton,wheat,cereals,oilseeds,citrus fruits ,linseeds ,tobacco ,sugarcane.
2	alluvial	wheat,bajra,chickpea ,soyabean,tobacco,rice,mustard,groundnut,sesame,barley,maize,oilseeds
3	laterite and lateritic	coffee,rubber,coconut,wheat,cotton,cashew,rice
4	skeletal	sugarcane, beans, maize and sorghum
5	forest	tea,spices,barley,tropical fruits,wheat,maize,coffee
6	peaty soil	potatoes,sugar beetcelery,onions,carrots,lettuce,garden crops,,rice
7	saline	cereals,sugar beets,wheat grass,coconut trees
8	kari	coconut, arecanut, banana, yams, pineapple, vegetables, fruit trees
9	hill	wheat, gram, cotton, millets, dates and fruits
10	clay loam	Wheat,gram,Paddy,Lentils,Pulses
11	sandy loam	maize,millets,barley,cactus
12	red and yellow	maize,groundnut,rice,mango,orange,vegetables,potatoes,pulses
13	khadar	wheat,bajra,chickpea ,soybean,tobacco,rice,mustard,groundnut,sesame,barley,maize,oilseeds
14	bhangar	wheat,bajra,chickpea ,soybean,tobacco,rice,mustard,groundnut,sesame,barley,maize,oilseeds
15	mixed soil	wheat,rice,sugarcane,cotton,jute,pulses,oilseeds,vegetables
16	kachari	rice, corn
17	mountain soil	rice, tea, beans corn and squash, apple, apricot, plums, peppers, various herbs, berries
18	arid soil	bajra,pulses,guar,fodder ,cactus
20	brown forest soil	pulses,corn
21	silty soil	roses,barberry
22	red ferrofeneous soil	Bananas,Sugarcane,oranges,pineapples,avocados,carrots,potatoes,celery beets,spinach,beans,peas,corn
23	fine loamy	wheat,sugarcane,cotton,jute,pulses,oilseeds,vegetables
24	marshy soil	cranberries,chestnut,wid rice,spinach,taro root,sacred lotus
25	brown soil	pulses,corn
26	brown hill	pulses,corn
27	alluvial	wheat,bajra,chickpea ,soybean,tobacco,rice,mustard,groundnut,sesame,barley,maize,oilseeds

11.STATE SOIL:

Database changed
mysql> select * from statesoil;

sno	State	Soils
1	Andhrapradesh	red, black, deltaic alluvial, coastal alluvial, laterite, skeletal
2	telangana	red soil, laterites and lateritic soil, black soil, alluvial soil, forest & hill soil, peaty and marshy soil
3	karnataka	red, black, deltaic alluvial, coastal alluvial, laterite, skeletal
4	tamilnadu	alluvial, black, red, laterite, saline
5	kerala	coastal alluvium, mixed alluvium, acid saline, kari, laterite, red, hill, black cotton and forest soils.
6	punjab	loomy, clayey, tropical arid brown soil
7	maharashtra	black, laterite, red
8	haryana	clay loam, alluvial, saline, sandy loam
9	madhya pradesh	Black soil, Red and Yellow soil, Alluvial soil, Mixed soil, Kachari soil
10	bihar	khadar and bhangar alluvial soil
11	gujarat	Alluvial soils, Black soils, Red soils, Laterite and Lateritic soils, Forest and Mountain soils, Arid and Desert soils, Saline and Alkaline soils and Peaty and Marshy soils
12	odisha	red, laterite and lateritic, yellow, coastal alluvial, deltaic alluvial,black, brown forest
13	uttarpradesh	alluvial, sandy, clayey loam
14	uttarakhand	silty , clayey loam
15	jharkhand	red, sandy, black, laterite
16	jammu and kashmir	alluvial, brown forest soil, mountain forest soil, red and yellow, saline
17	manipur	red ferrogenous soil, alluvial
18	nagaland	clay,fine loamy
19	mizoram	sand loamy, clay loamy
20	west bengal	mountain and forest soil, old alluvial, new alluvial, red, laterite, saline
21	Assam	alluvial, hill, lateritic
22	chhattisgarh	red-yellow, red sandy, red loam, black, laterite
23	Rajasthan	dessert soil, brown soil, red, hill, saline, alluvial
24	himachal pradesh	alluvial, brown hill, dessert(arid), red, balck

24 himachal pradesh	alluvial, brown hill, dessert(arid), red, balck
25 Tripura	Reddish yellow brown sandy soil , Red loam and sandy loam soil , Other alluvial soil , Younger alluvial soil, Lateritic soil .
26 Arunachal pradesh	Red soil, Alluvial soil, Black soil, Saline soil, Laterite soil, Peaty and Marshy soils
27 meghalaya	red, alluvial, laterite
28 sikkim	red loam, red - yellow, fine loamy
29 goa	laterite, alluvial, marshy, coastal sandy, saline
30 Andaman and nicobar	sand loamy, clay loamy
31 puducherry	red ferrallitic black clay and coastal alluvial.
32 Dadra and nagar haveli	Alluvial soils, Black soils, Red soils, Laterite and Lateritic soils, Forest and Mountain soils, Arid and Desert soils, Saline and Alkaline soils and Peaty and Marshy soils

12.KVK CENTERS IN STATES:

STATE	DISTRICT	NoofKVKcentres
Andaman and Nicobar Islands	Nicobar	1
Andaman and Nicobar Islands	north and middle andaman	1
Andaman and Nicobar Islands	south andaman	1
Andhra Pradesh	Anathapur	2
Andhra Pradesh	Chittoor	2
Andhra Pradesh	East Godavari	2
Andhra Pradesh	Guntur	1
Andhra Pradesh	Krishna	2
Andhra Pradesh	Kurnool	2
Andhra Pradesh	Prakasam	2
Andhra Pradesh	SPSR Nellore	2
Andhra Pradesh	Srikakulam	1
Andhra Pradesh	Visakhapatnam	2
Andhra Pradesh	Vizianagaram	1
Andhra Pradesh	West Godavari	2
Andhra Pradesh	YSR kadapa	2
Assam	Bakasa	1
Assam	Barpeta	1
Assam	Bongaigaon	1
Assam	Cachar	1
Assam	Chirang	1
Assam	Darrang	1
Assam	Dhemaji	1
Assam	Dhubri	1
Assam	Dibrugarh	1
Assam	Dimahasao	1
Assam	Goalpara	1
Assam	Golaghat	1
Assam	Hailakandi	1
Assam	Jorhat	1
Assam	Kamrup	1
Assam	Karbi Anglong	1
Assam	Karimganj	1
Assam	Kokrajhar	1
Assam	Lakhimpur	1
Assam	Morigaon	1
Assam	Nagaon	1
Assam	Nalbari	1
Assam	Sivasagar	1
Assam	Sonitpur	1
Assam	Tinsukia	1
Assam	Udalguri	1
Bihar	Araria	1
Bihar	Arwal	1
Bihar	Aurangabad	1
Bihar	Banka	1
Bihar	Begusarai	1
Bihar	Bhagalpur	1
Bihar	Bhojpur	1

Bihar	Bhojpur	1
Bihar	Buxar	1
Bihar	Darbhanga	1
Bihar	Gaya	2
Bihar	Gopalganj	1
Bihar	Jamui	1
Bihar	Jehanebad	1
Bihar	Kaimur	1
Bihar	Katihar	1
Bihar	Khagari	1
Bihar	Kishanganj	1
Bihar	Lakhisarai	1
Bihar	Madhepura	1
Bihar	Madhubani	2
Bihar	Munger	1
Bihar	Muzaffarpur	2
Bihar	Nalanda	1
Bihar	Nawada	1
Bihar	Pashchim Champaran	2
Bihar	Patna	1
Bihar	Purba Champaran	2
Bihar	Purnia	1
Bihar	Rohtas	1
Bihar	Saharsa	1
Bihar	Samastipur	2
Bihar	Saran	1
Bihar	Sheikhpura	1
Bihar	Sheohar	1
Bihar	Sitamarhi	1
Bihar	Siwan	1
Bihar	Supaul	1
Bihar	Vaishali	1
Chattisgarh	Balod	1
Chattisgarh	Baloda Bazar	1
Chattisgarh	Balrampur	1
Chattisgarh	Bastar	1
Chattisgarh	Bemetara	1
Chattisgarh	Bijapur	1
Chattisgarh	Bilaspur	1
Chattisgarh	Dakshin Bastar Dantewada	1
Chattisgarh	Damtari	1
Chattisgarh	Durg	2
Chattisgarh	Gariaband	1

