



PTEXIM CORP

VIETNAM BLACK PEPPER CROP SURVEY 2020 & 2021

PTEXIM ANNUAL REPORT

PHUC THINH EXPORT IMPORT INVESTMENT CORPORATION (PTEXIM CORP)

Add : 43, Street 17, An Phu Ward, District 2, Hochiminh City, Vietnam.

PTEXIM CORPORATION



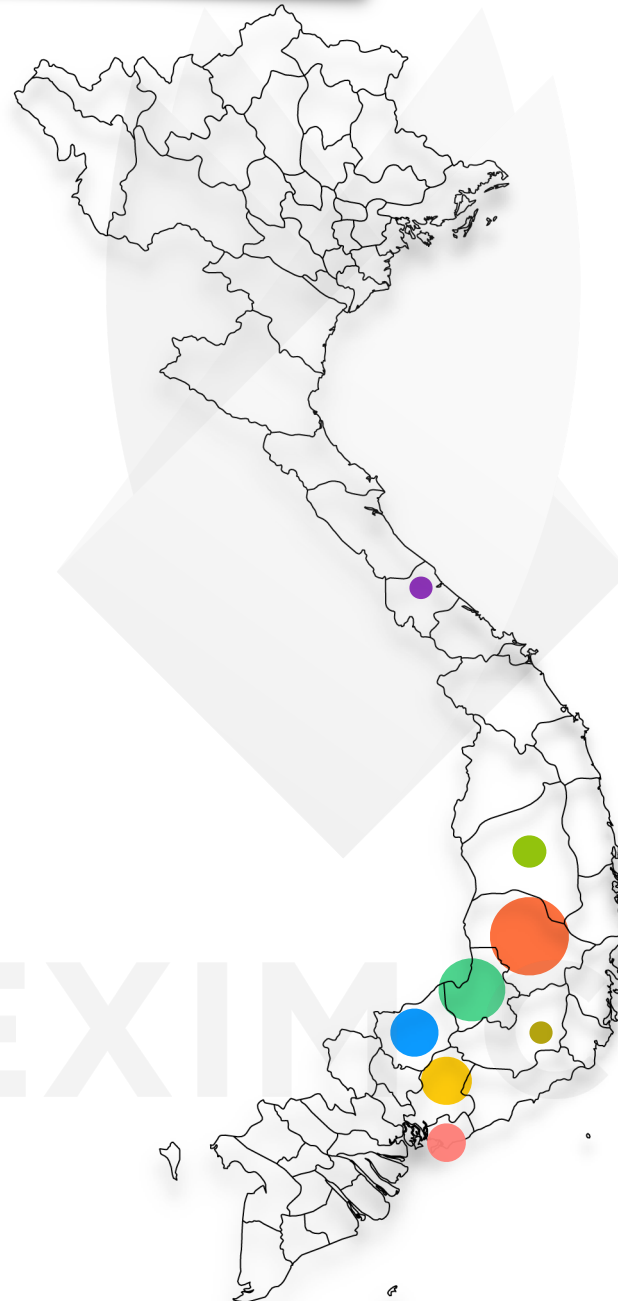
WILL ACHIEVE IN NEXT 40 DAYS

Research & Database 2020

VIETNAM PEPPER PRODUCTION AREA 2020

MAP DOT CHART

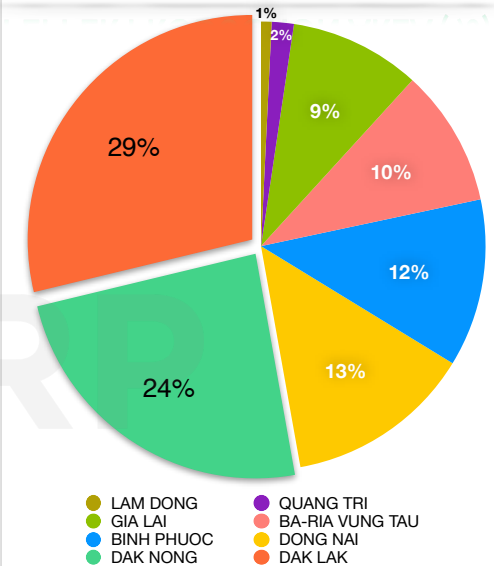
GROP SURVEY VIETNAM BLACK PEPPER 2020



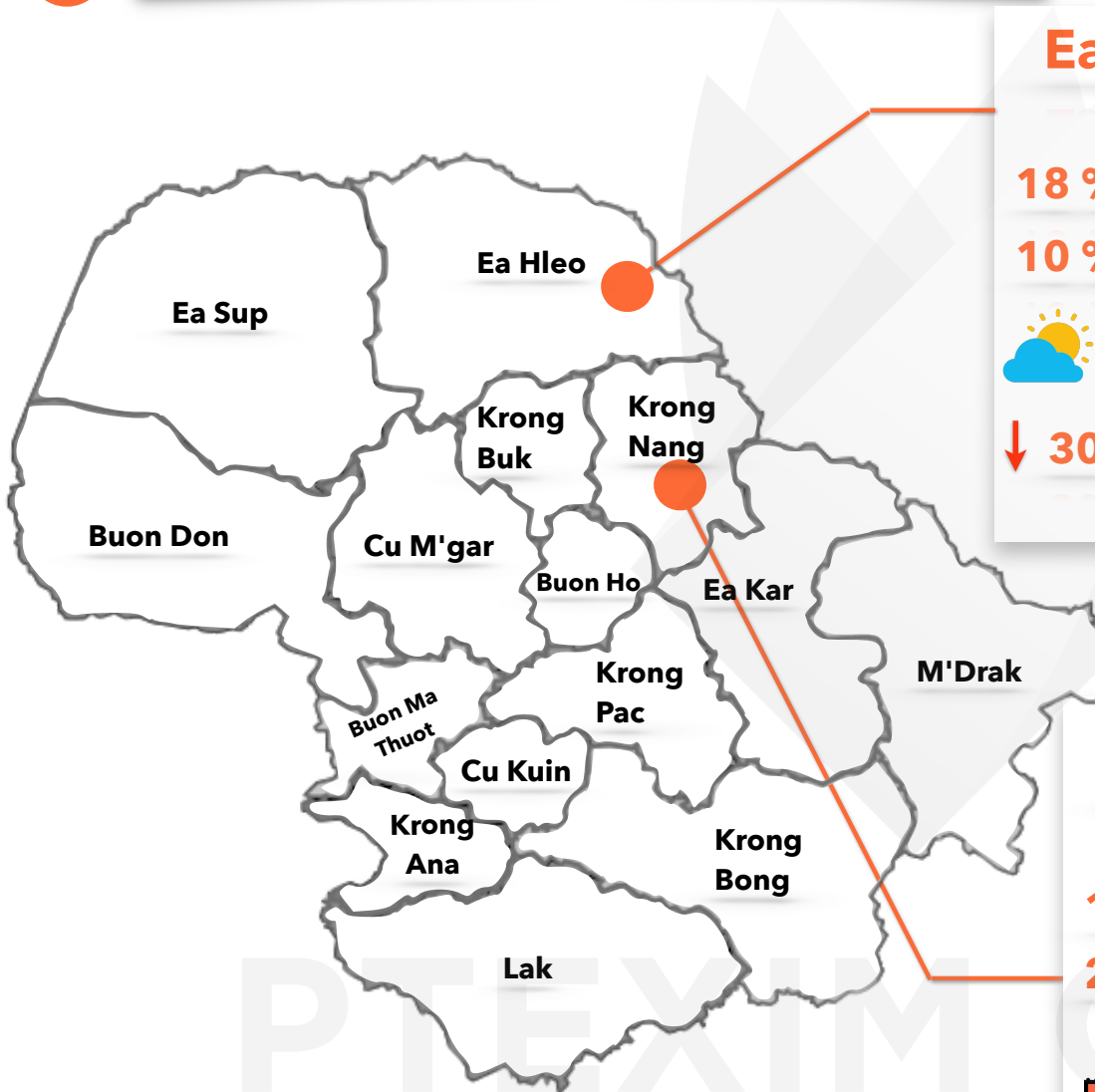
PEPPER PRODUCTION AREA (Ha)

| | |
|-----------------|-----------|
| LAM DONG | 1,020 Ha |
| QUANG TRI | 2,135 Ha |
| GIA LAI | 12,651 Ha |
| BA-RIA VUNG TAU | 13,266 Ha |
| BINH PHUOC | 16,216 Ha |
| DONG NAI | 18,060 Ha |
| DAK NONG | 32,286 Ha |
| DAK LAK | 38,616 Ha |

PEPPER PRODUCTION AREA (%)



DAK LAK PEPPER PRODUCTION AREA 2020



Ea Hleo District 7146 Hectares

18 % : % of Total Dak Lak Pepper Production

10 % : Estimate Farm's Stock at the moment



Clement : Weather

↓ 30 %

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

Krong Nang District 5681 Hectares

14 % : % of Total Dak Lak Pepper Production

20 % : Estimate Farm's Stock at the moment

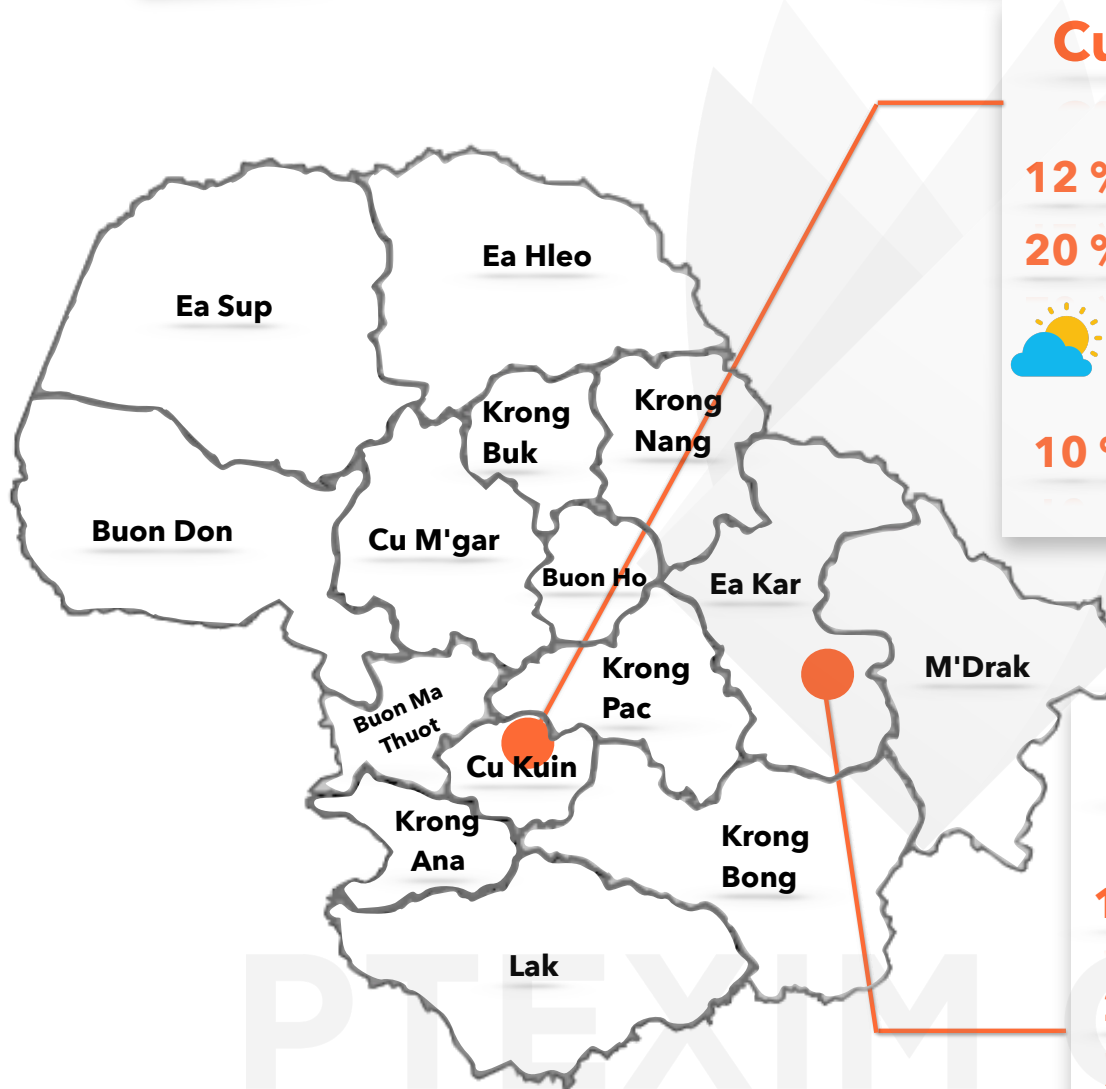


Drought sprinkling rain, many diseased plants

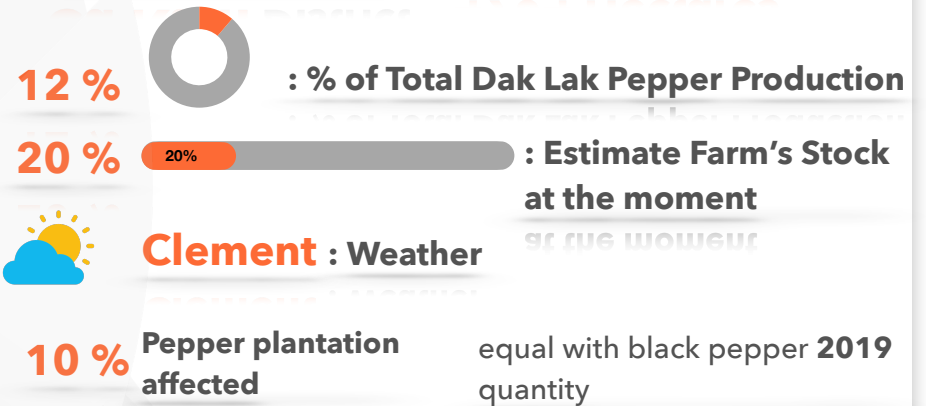
↓ 40 %

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

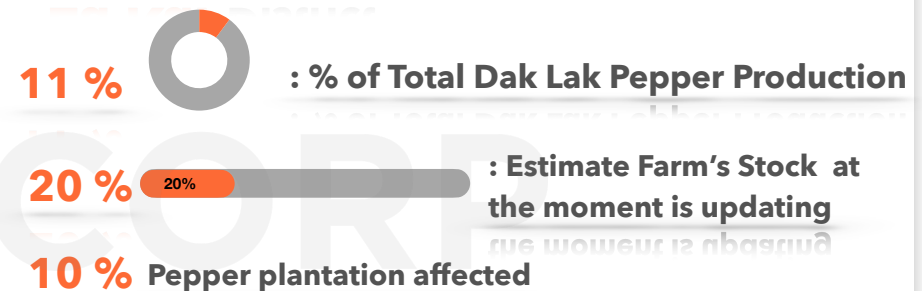
DAK LAK PEPPER PRODUCTION AREA 2020



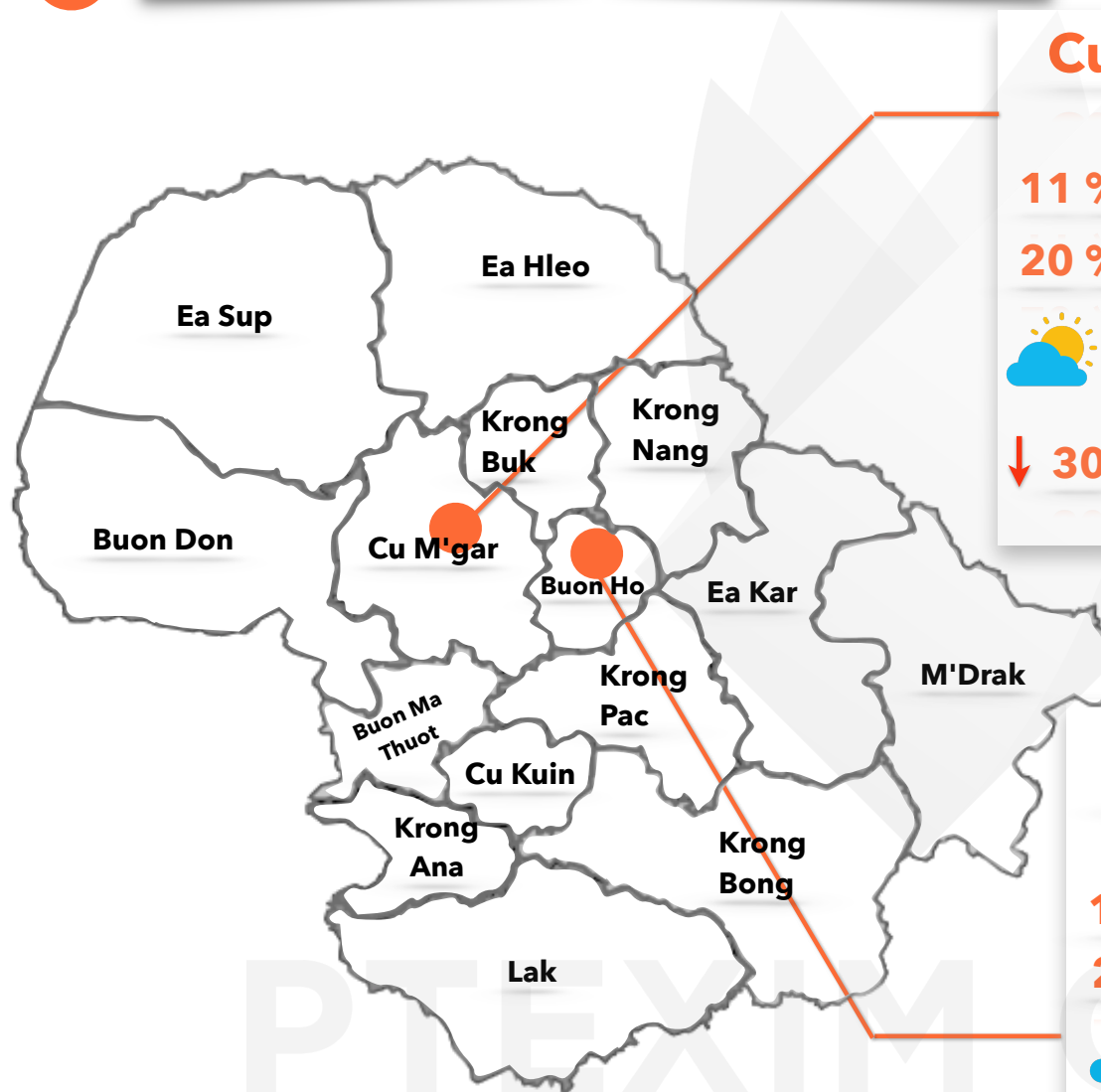
Cu Kuin District 4904 Hectares



Ea Kar District 4375 Hectares



DAK LAK PEPPER PRODUCTION AREA 2020



Cu M'gar District 4358 Hectares

11 % : % of Total Dak Lak Pepper Production

20 % : Estimate Farm's Stock at the moment



Clement : Weather

↓ 30 % Pepper plantation affected

Buon Ho District 3891 Hectares

10 % : % of Total Dak Lak Pepper Production

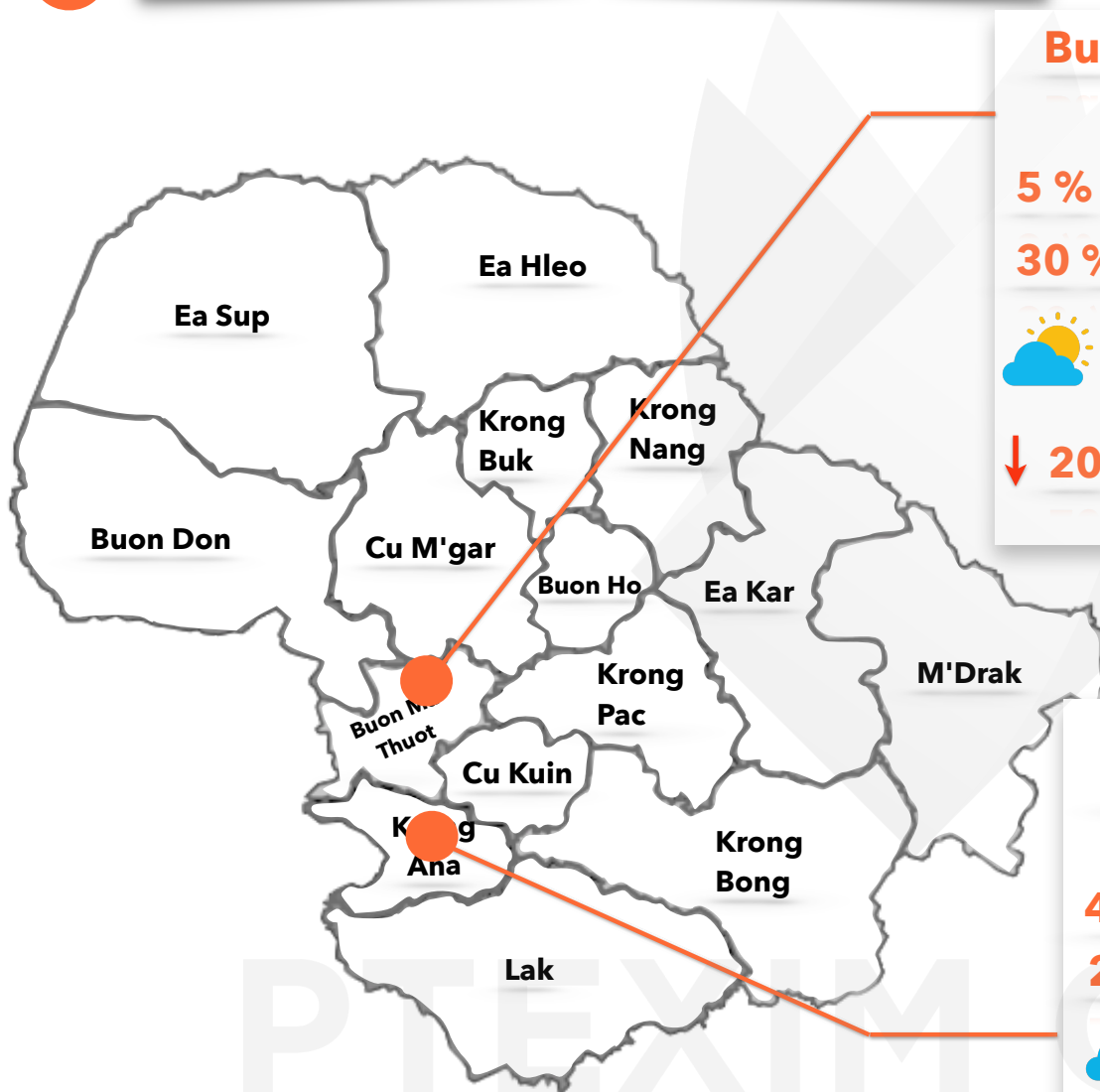
20 % : Estimate Farm's Stock at the moment is updating



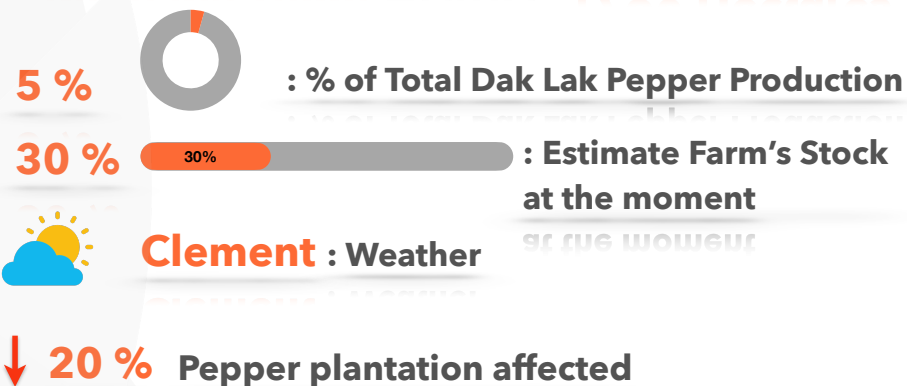
Clement : Weather

↓ 30 % Pepper plantation affected

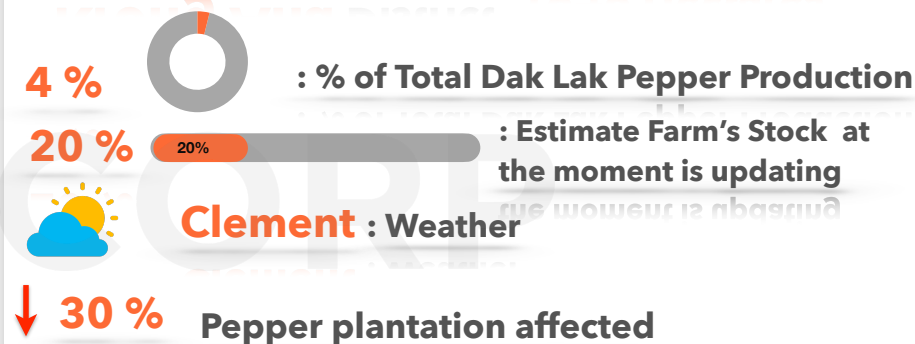
DAK LAK PEPPER PRODUCTION AREA 2020



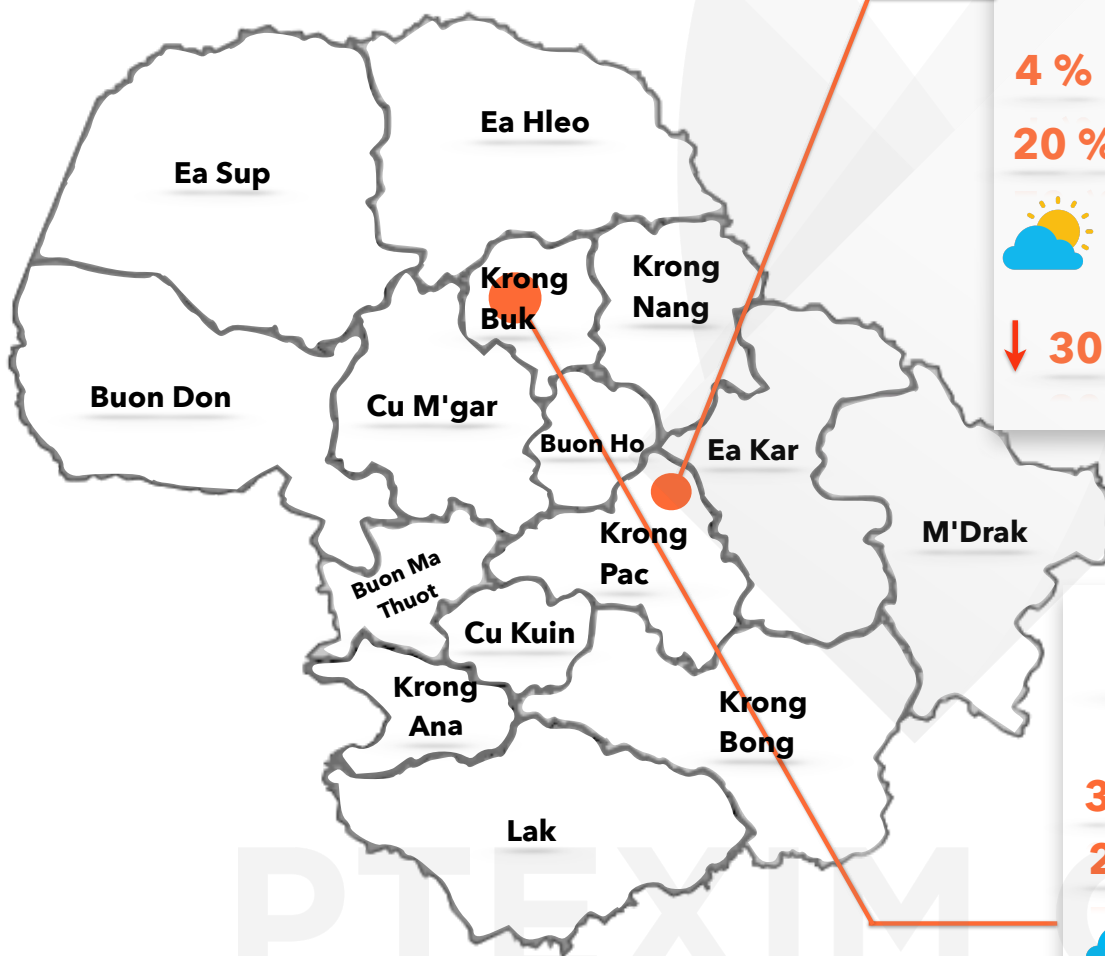
Buon Ma Thuot District 1760 Hectares



Krong Ana District 1548 Hectares



DAK LAK PEPPER PRODUCTION AREA 2020



Krong Pac District 1452 Hectares

4 %



: % of Total Dak Lak Pepper Production

20 %

20%

: Estimate Farm's Stock
at the moment



Clement : Weather



30 %

Pepper plantation affected

Krong Buk District 1316 Hectares

3 %



: % of Total Dak Lak Pepper Production

20 %

20%

: Estimate Farm's Stock
at the moment is updating



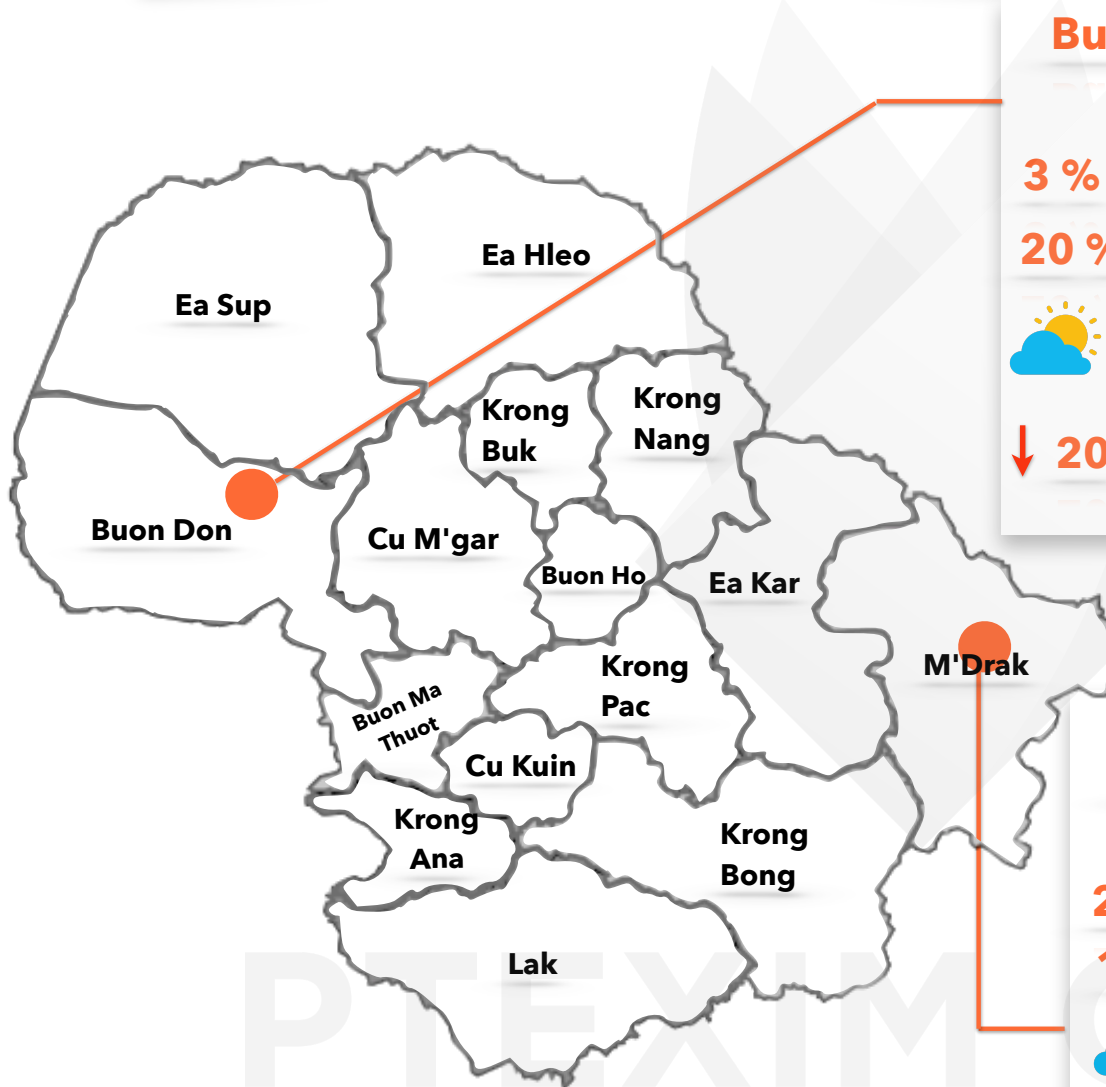
Clement : Weather



20 %

Pepper plantation affected

DAK LAK PEPPER PRODUCTION AREA 2020



Buon Don District 1225 Hectares

3 % : % of Total Dak Lak Pepper Production

20 % : Estimate Farm's Stock at the moment



Clement : Weather

↓ 20 % Pepper plantation affected

M'Drak District 592 Hectares

2 % : % of Total Dak Lak Pepper Production

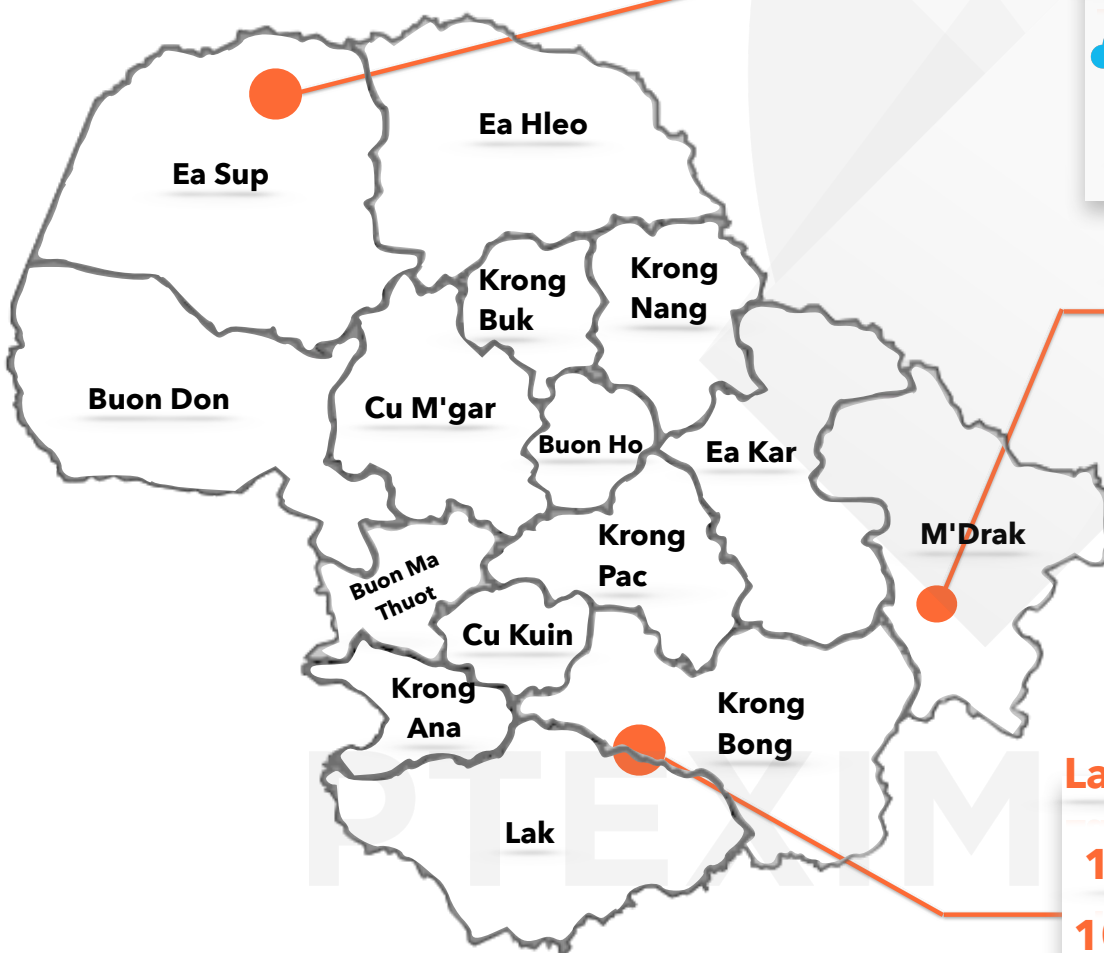
10 % : Estimate Farm's Stock at the moment is updating



Clement : Weather

↓ 20 % Pepper plantation affected

DAK LAK PEPPER PRODUCTION AREA 2020



Ea Sup District 67 Hectares

0.5 % : % of Total Dak Lak Pepper Production

20 % : Estimate Farm's Stock at the moment

 **Clement : Weather**

↓ 20 % Pepper plantation affected

Krong Bong District 121 Hectares

1 % : % of Total Dak Lak Pepper Production

10 % : Estimate Farm's Stock at the moment

 **Clement : Weather**

↓ 20 % Pepper plantation affected

Lak District 180 Hectares

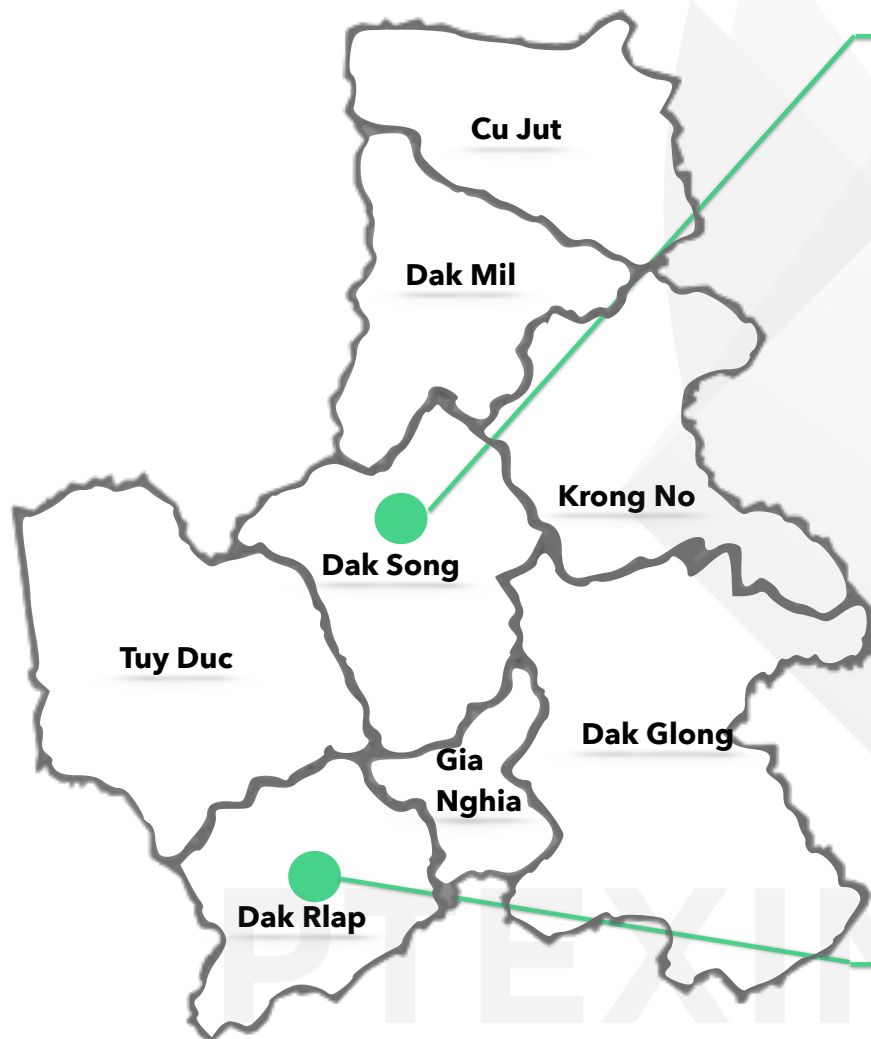
1.5 % : % of Total Dak Lak Pepper Production

10 % : Estimate Farm's Stock at the moment is updating

 **Clement : Weather**

↓ 20 % Pepper plantation affected

DAK NONG PEPPER PRODUCTION AREA 2020



Dak Song District 13049 Hectares

40 %



: % of Total Dak Nong Pepper Production

10 %

10%

: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 10 %

Pepper plantation will be affected because farmers are less caring,
less fertilizing than before due to low prices under cost,
intercropping with other fruit trees... (Please note; this does not
mean yield will decrease accordingly)

Dak Rlap District 4602 Hectares

14 %



: % of Total Dak Nong Pepper Production

20 %

20%

: Estimate Farm's Stock
at the moment is updating



Clement : Weather

↓ 10 %

Pepper plantation will be affected because farmers are less caring,
less fertilizing than before due to low prices under cost,
intercropping with other fruit trees... (Please note; this does not
mean yield will decrease accordingly)

Predictably, Dak Nong now is the biggest pepper yield of
Vietnam, where is expected to have the largest quantity, as
pepper plants are at their best and healthiest time, almost
pepper plantation is from 5-7 years.



DAK NONG PEPPER PRODUCTION AREA 2020



Cu Jut District

4072 Hectares

13 %



: % of Total Dak Nong Pepper Production

10 %

10%

: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 10 %

Pepper plantation affected

Tuy Duc District

3204 Hectares

10 %



: % of Total Dak Nong Pepper Production

10 %

10%

: Estimate Farm's Stock
at the moment

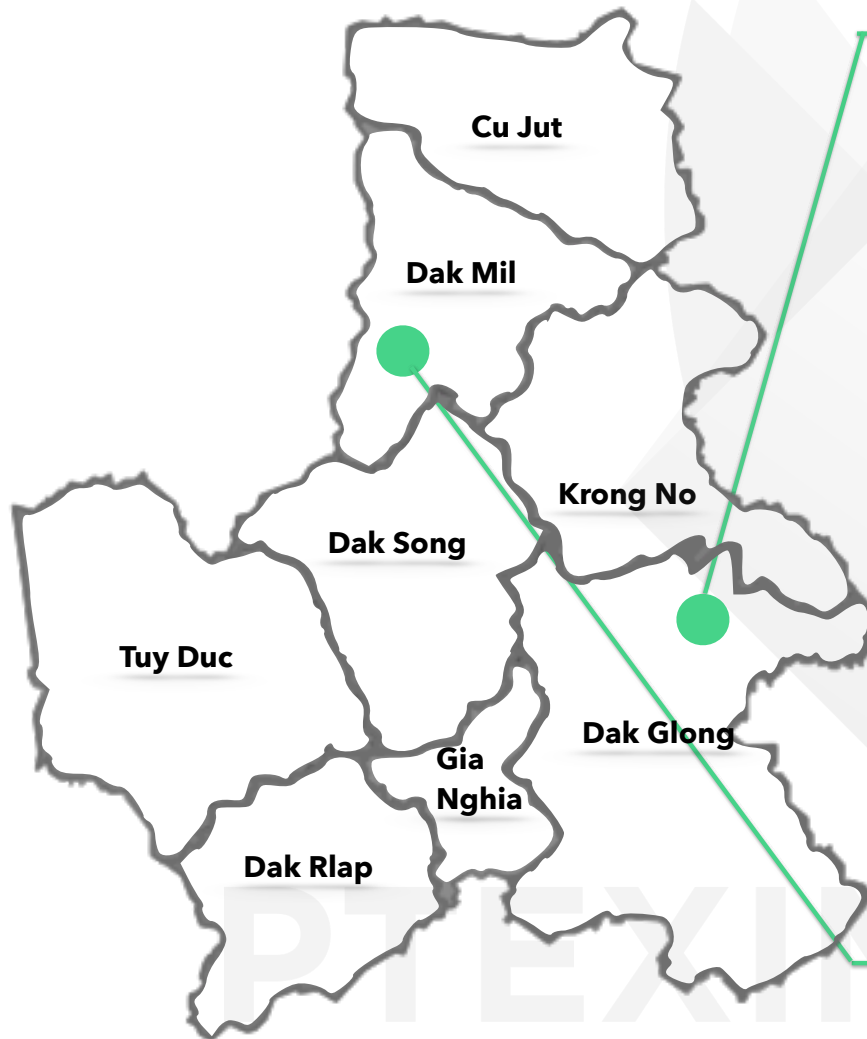


Clement : Weather

↓ 10 %

Pepper plantation affected

DAK NONG PEPPER PRODUCTION AREA 2020



Dak Glong District 2563 Hectares

8 %



: % of Total Dak Nong Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 10 %

Pepper plantation affected

Dak Mil District 1606 Hectares

5 %



: % of Total Dak Nong Pepper Production

10 %



: Estimate Farm's Stock
at the moment



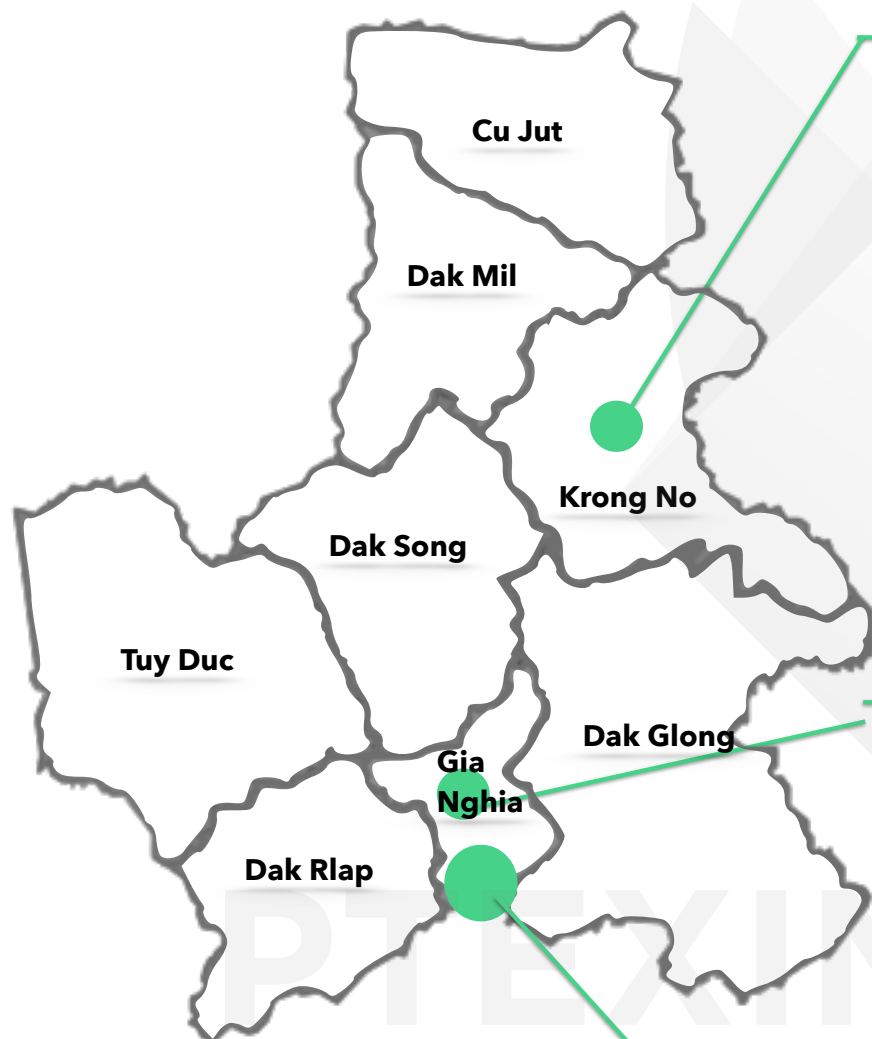
Clement : Weather

↓

10 %

Pepper plantation affected

DAK NONG PEPPER PRODUCTION AREA 2020



Krong No District 1172 Hectares

4 %



: % of Total Dak Nong Pepper Production

10 %



: Estimate Farm's Stock
at the moment



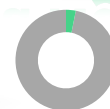
Clement : Weather

↓ 10 %

Pepper plantation affected

Gia Nghia District 1040 Hectares

3 %



: % of Total Dak Nong Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 10 %

Pepper plantation affected

Others District 978 Hectares

3 %



: % of Total Dak Nong Pepper Production

10 %



: Estimate Farm's Stock at the
moment

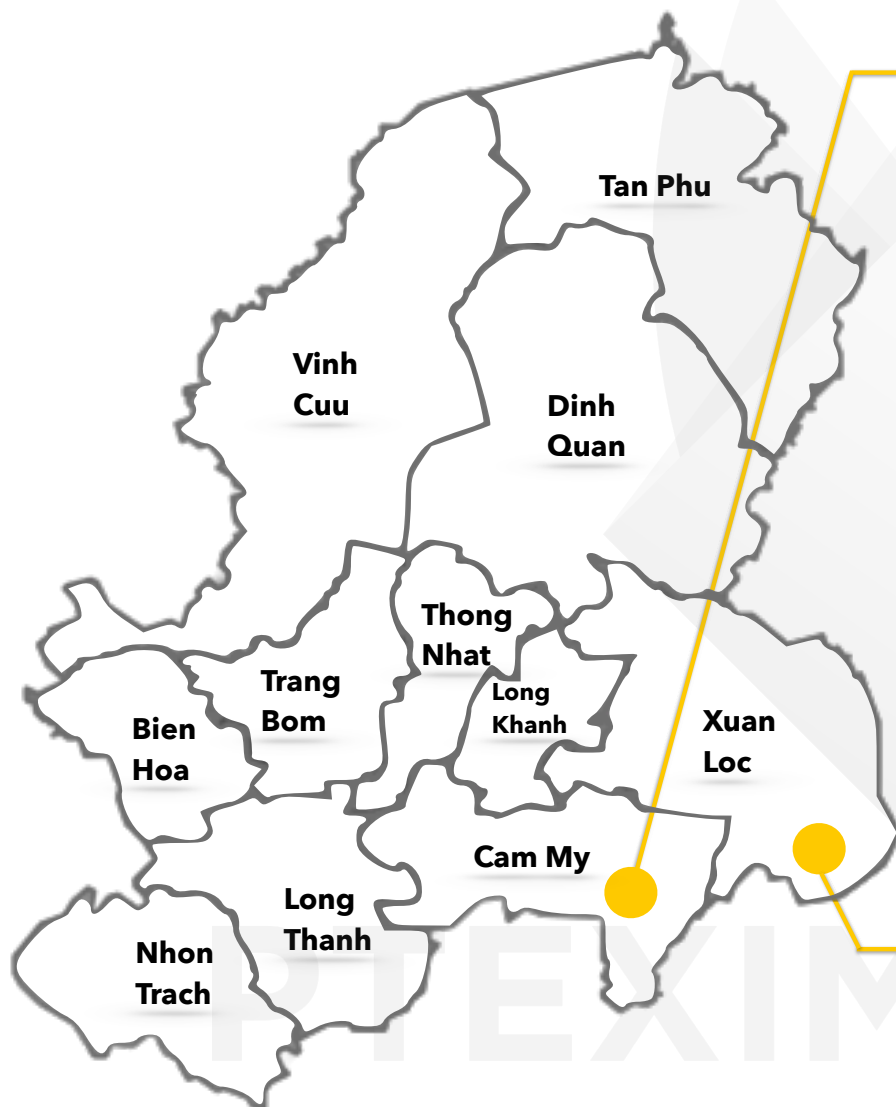


Clement : Weather

↓ 10 %

Pepper plantation affected

DONG NAI PEPPER PRODUCTION AREA 2020



Cam My District

5435 Hectares

30 %



: % of Total Dong Nai Pepper Production

35 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 45 %

Pepper plantation will be affected because farmers are less caring,
less fertilizing than before due to low prices under cost,
intercropping with other fruit trees... (Please note; this does not
mean yield will decrease accordingly)

Xuan Loc District

3482 Hectares

19 %



: % of Total Dong Nai Pepper Production

30 %



: Estimate Farm's Stock
at the moment



Drought sprinkling rain

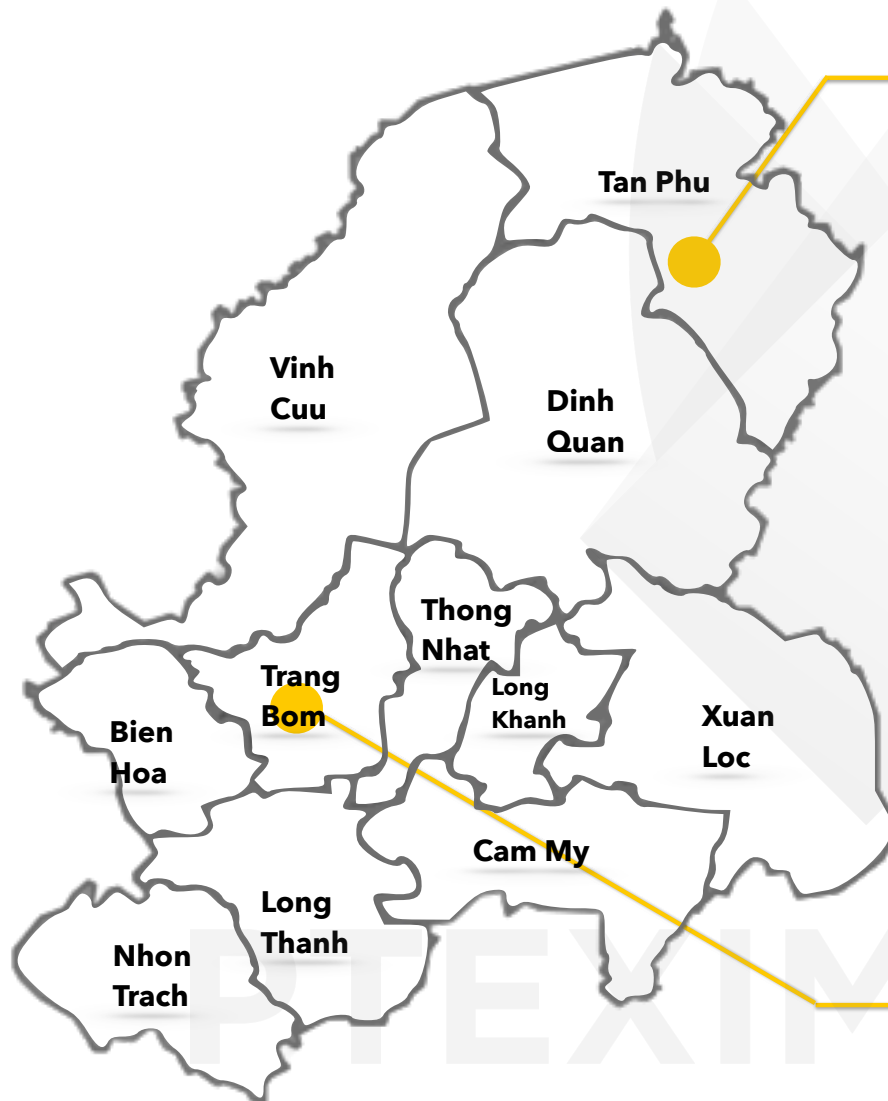
↓ 25 %

Pepper plantation will be affected because farmers are less caring,
less fertilizing than before due to low prices under cost,
intercropping with other fruit trees... (Please note; this does not
mean yield will decrease accordingly)



Land prices in Dong Nai has continuously increased rapidly in the past two years (up from 3-6 times depending on which location). Therefore, many farmers have broken down pepper plantation and changed their land use purpose. It is expected that the total cultivated areas of these two provinces will continue to decline rapidly in the coming years

DONG NAI PEPPER PRODUCTION AREA 2020



Tan Phu District 2677 Hectares

15 % : % of Total Dong Nai Pepper Production

30 % : Estimate Farm's Stock at the moment

 Clement : Weather

↓ 25 % Pepper plantation affected

Trang Bom District 2343 Hectares

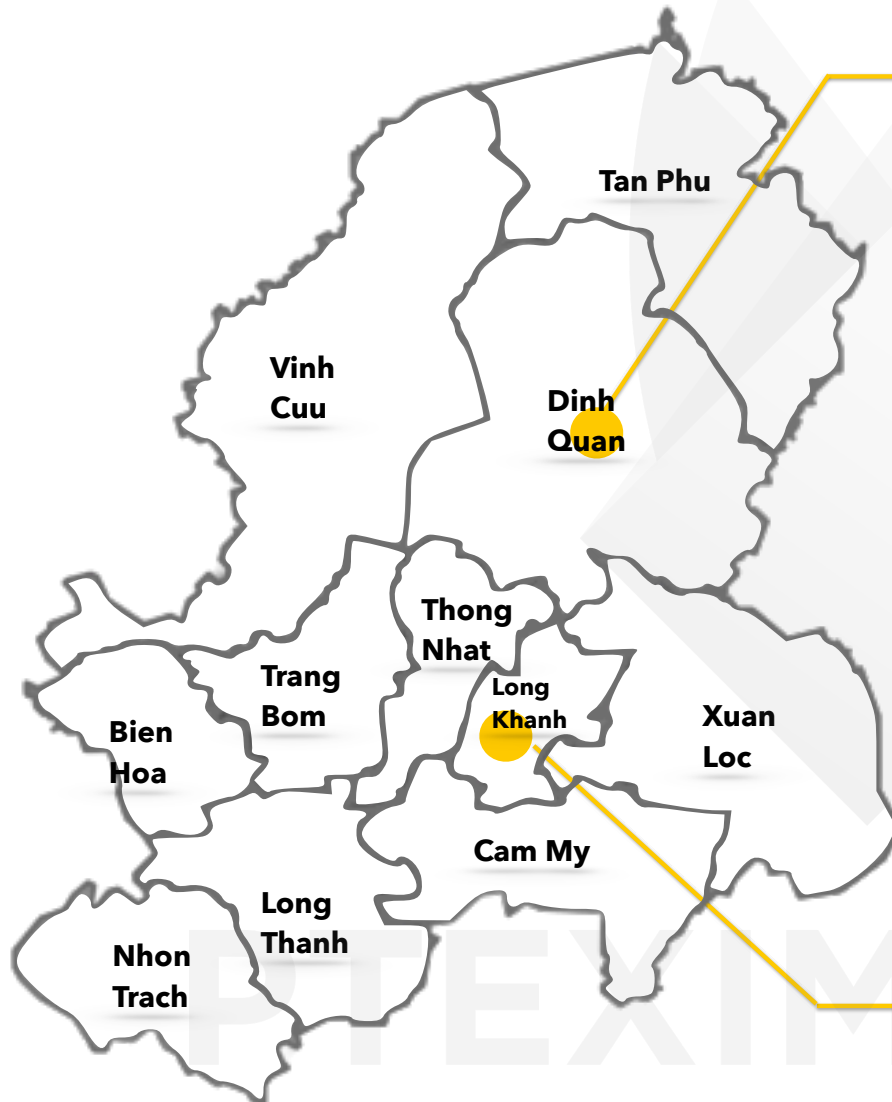
13 % : % of Total Dong Nai Pepper Production

20 % : Estimate Farm's Stock at the moment

 Clement : Weather

↓ 30 % Pepper plantation affected

DONG NAI PEPPER PRODUCTION AREA 2020



Dinh Quan District 1275 Hectares

7 %



: % of Total Dong Nai Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 30 %

Pepper plantation affected

Long Khanh District 959 Hectares

5 %



: % of Total Dong Nai Pepper Production

20 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 30 %

Pepper plantation affected

DONG NAI PEPPER PRODUCTION AREA 2020

Thong Nhat District 568 Hectares

3 %



: % of Total Dong Nai Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Clement : Weather

↓ 35 %

Pepper plantation affected

Others District 1321 Hectares

7 %



: % of Total Dong Nai Pepper Production

10 %



: Estimate Farm's Stock
at the moment



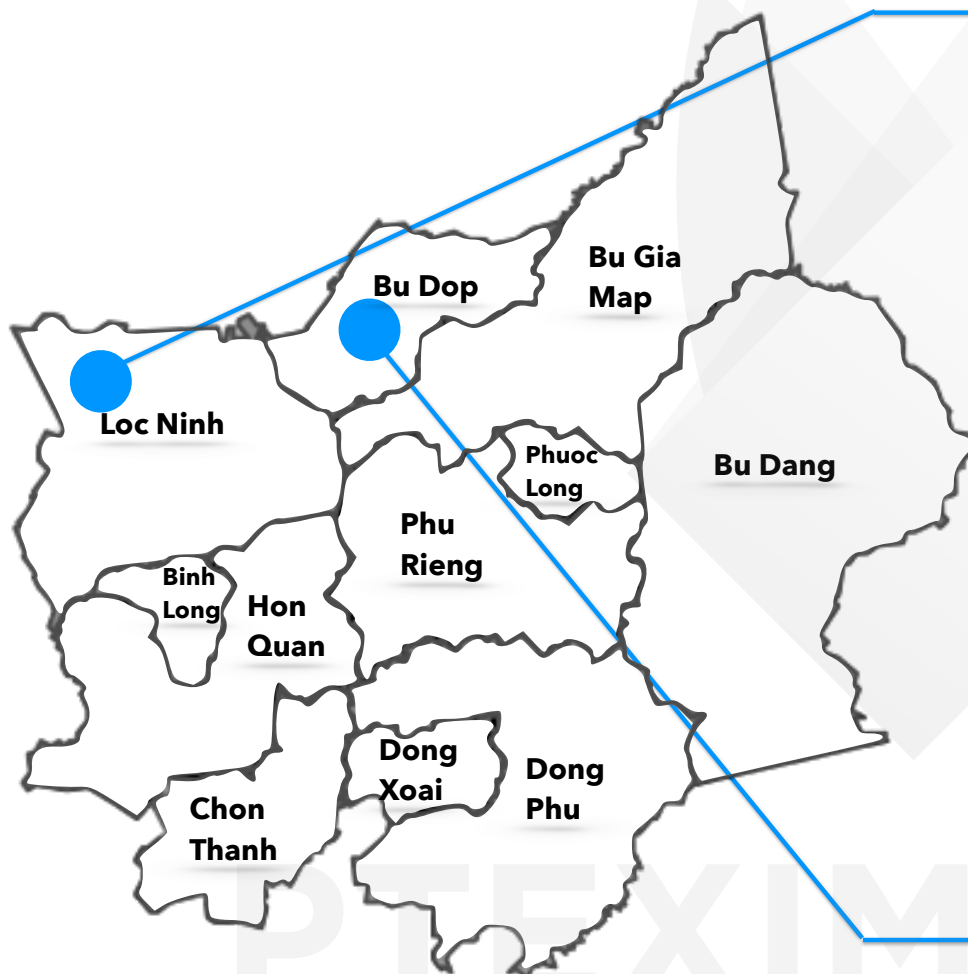
Clement : Weather

↓ 35 %

Pepper plantation affected




BINH PHUOC PEPPER PRODUCTION AREA 2020




Loc Ninh District 4743 Hectares



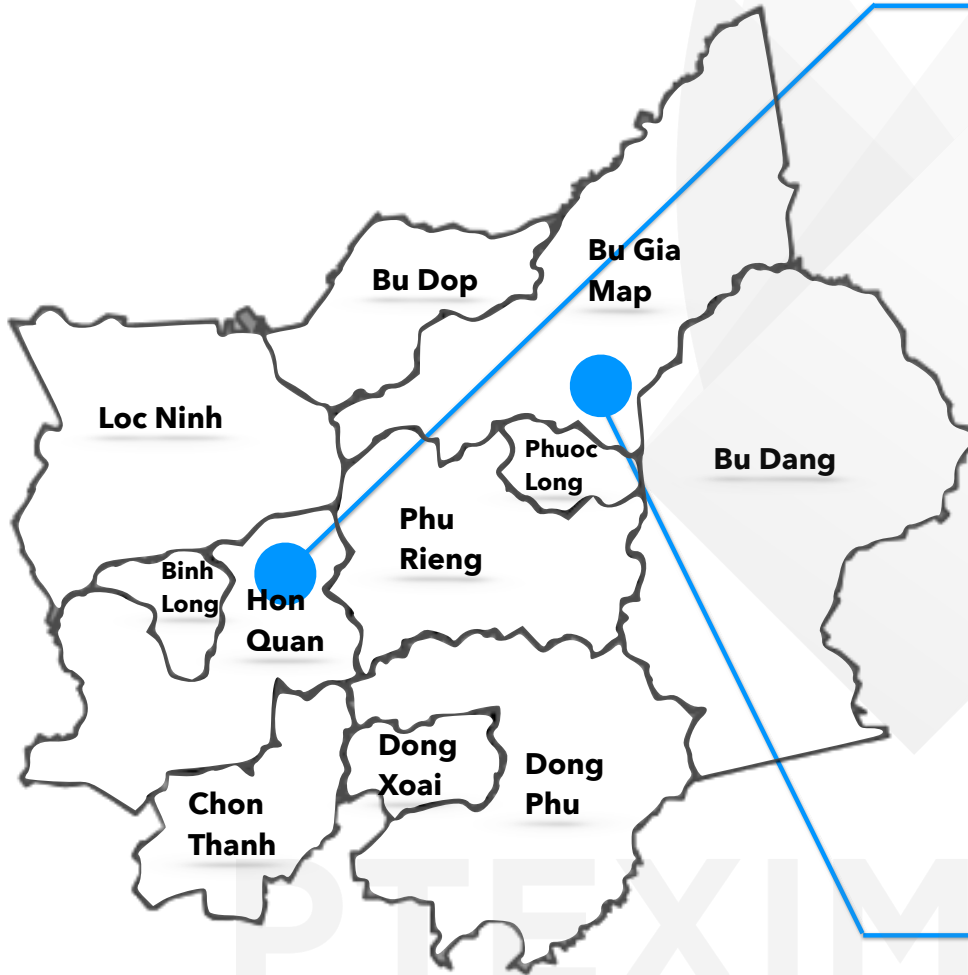
 **Not good weather, too little raining**
 ↓ 35 % Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

Bu Dop District 4489 Hectares



 **Not good weather, too little raining**
 ↓ 35 % Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

BINH PHUOC PEPPER PRODUCTION AREA 2020



Hon Quan District 2006 Hectares

12 %



: % of Total BINH PHUOC Pepper Production

20 %



: Estimate Farm's Stock
at the moment



Not good weather, too little raining



35 % Pepper plantation affected

Bu Gia Map District 1983 Hectares

12 %



: % of Total BINH PHUOC Pepper Production

10 %



: Estimate Farm's Stock
at the moment

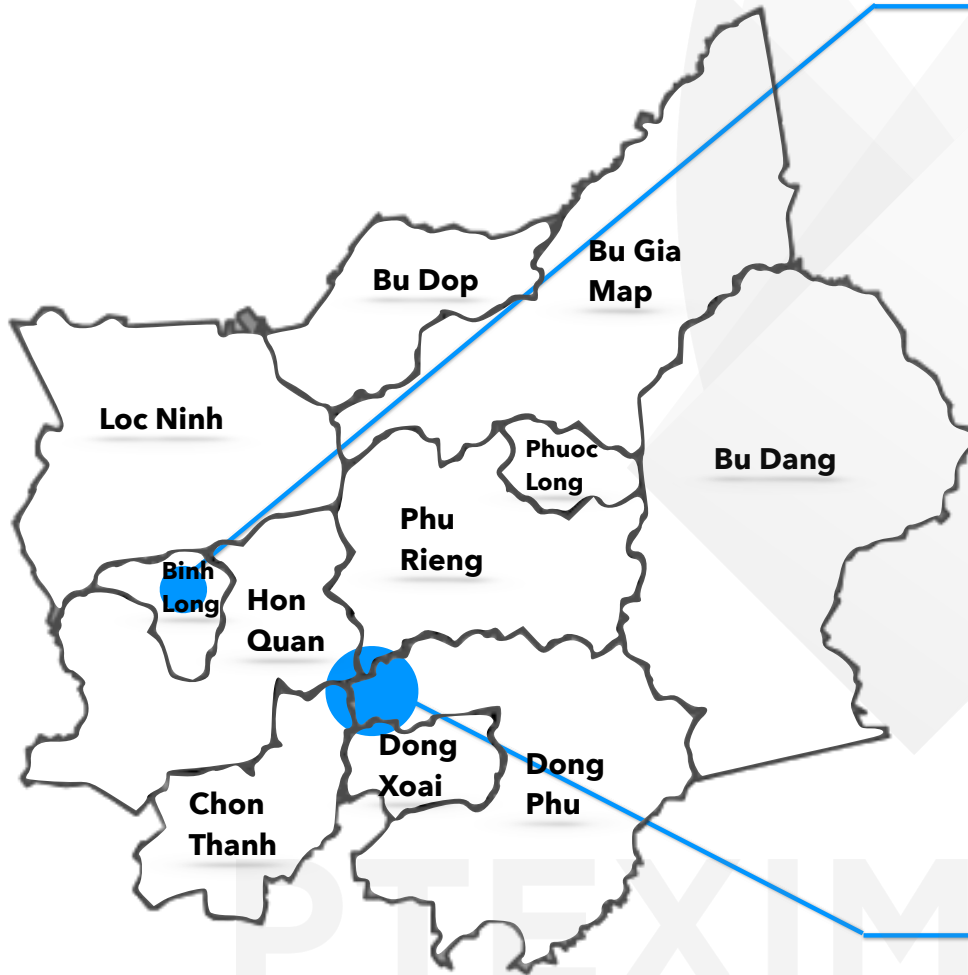


Not good weather, too little raining



35 % Pepper plantation affected

BINH PHUOC PEPPER PRODUCTION AREA 2020



Binh Long District 1190 Hectares

7 %



: % of Total BINH PHUOC Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Not good weather, too little raining

↓ 35 %

Pepper plantation affected

Others District 1805 Hectares

13 %



: % of Total BINH PHUOC Pepper Production

10 %



: Estimate Farm's Stock
at the moment

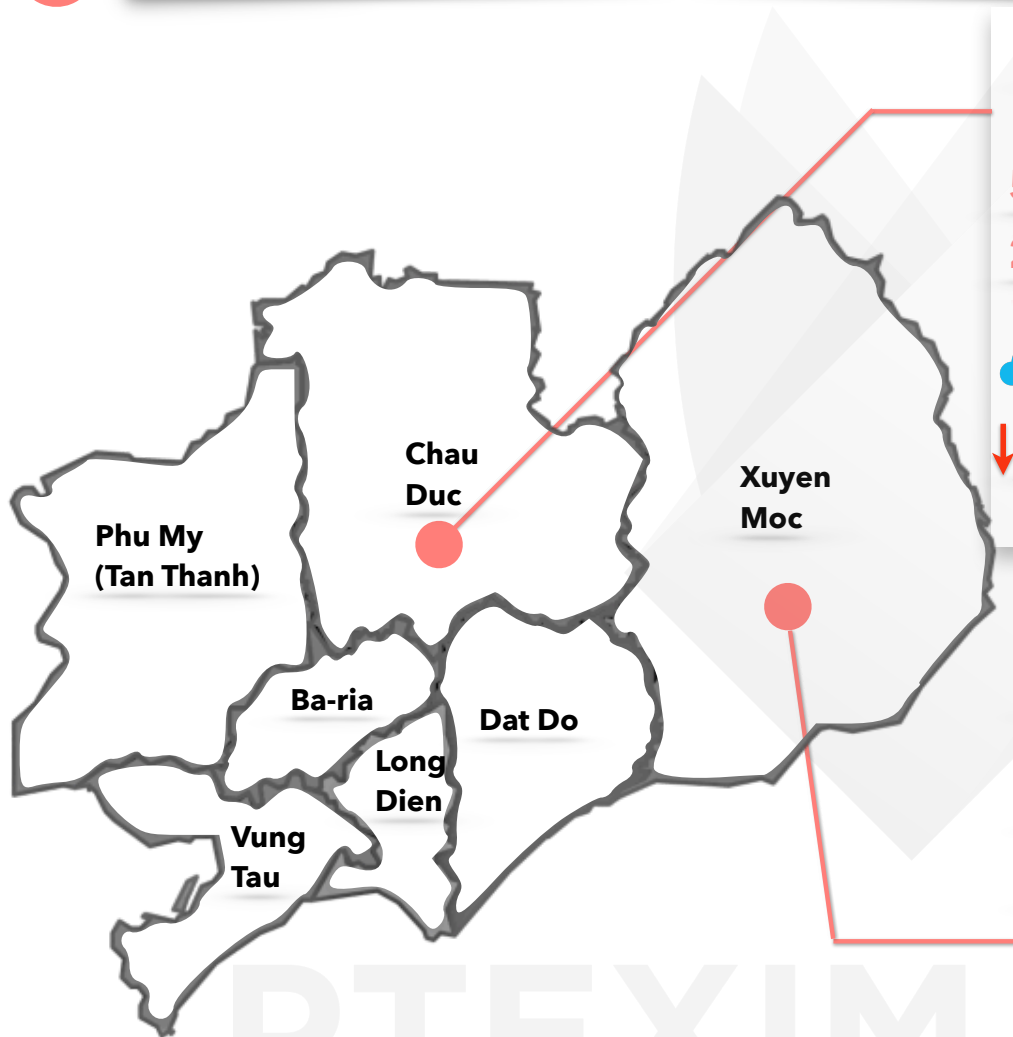


Not good weather, too little raining

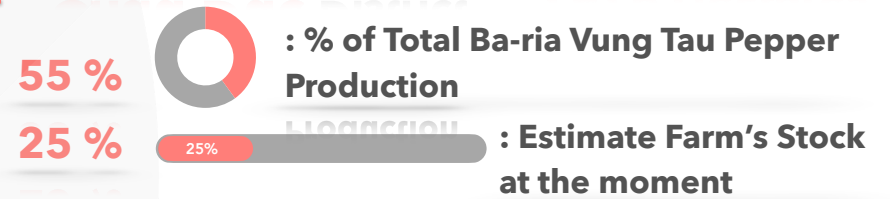
↓ 35 %

Pepper plantation affected

BA-RIA VUNG TAU PEPPER PRODUCTION AREA 2020



Chau Duc District 7278 Hectares

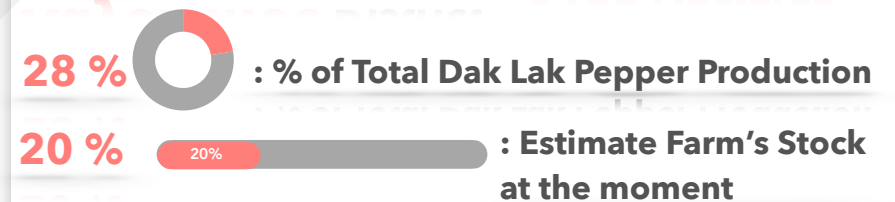


Clement : Weather

↓ 30 %

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

Xuyen Moc District 5166 Hectares



↓ 30 %

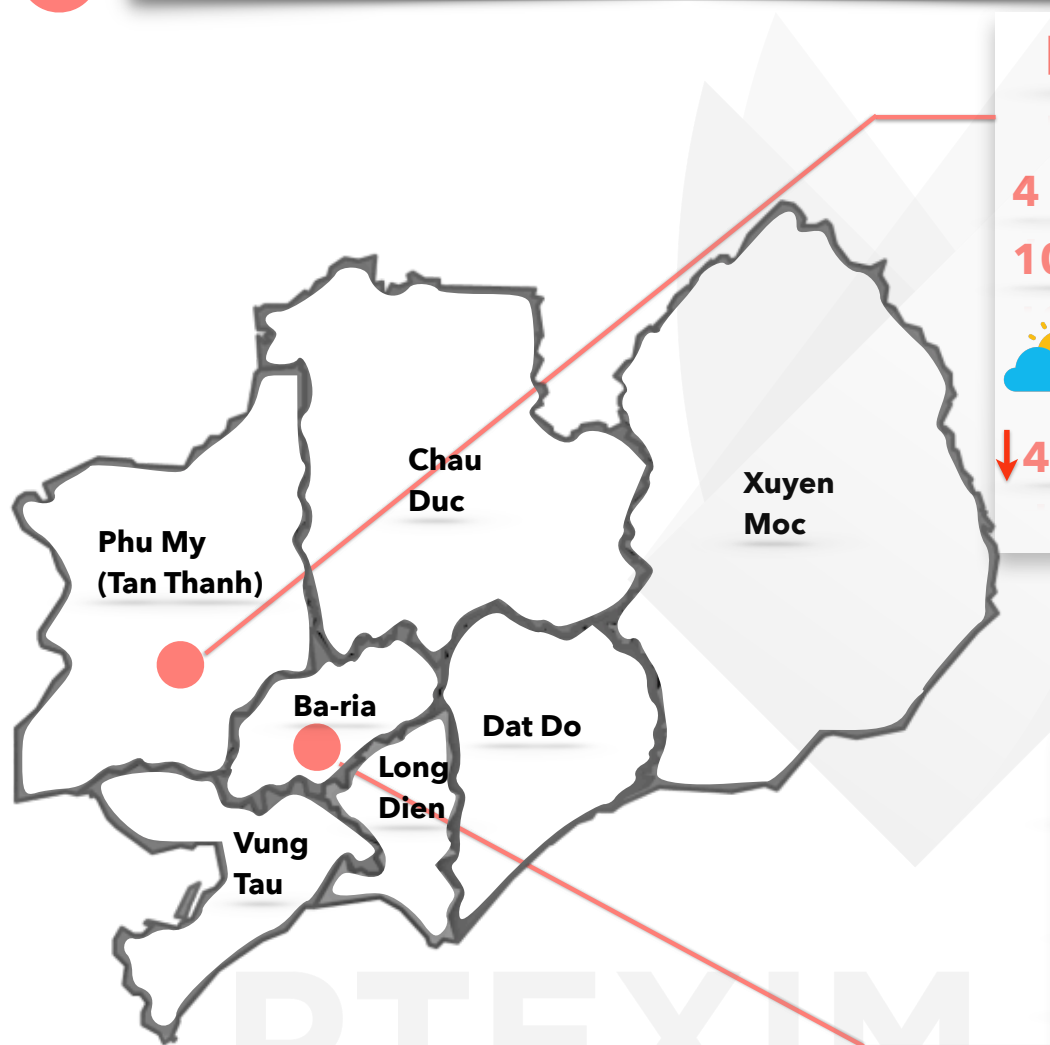
Clement : Weather

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)



The same Đông Nai province, land price Ba Ria - Vung Tau has continuously increased rapidly in the past two years (up from 3-6 times depending on which location). Therefore, many farmers have broken down pepper plantation and changed their land use purpose. It is expected that the total cultivated areas of these two provinces will continue to decline rapidly in the coming years

BA-RIA VUNG TAU PEPPER PRODUCTION AREA 2020



Phu My District 533 Hectares

4 %



: % of Total Ba-ria Vung Tau Pepper Production

10 %

10%

: Estimate Farm's Stock at the moment



Clement : Weather

↓40 %

Pepper plantation affected

Ba-ria City 82 Hectares

1 %



: % of Total Ba-ria Vung Tau Pepper Production

0 %

0%

: Estimate Farm's Stock at the moment

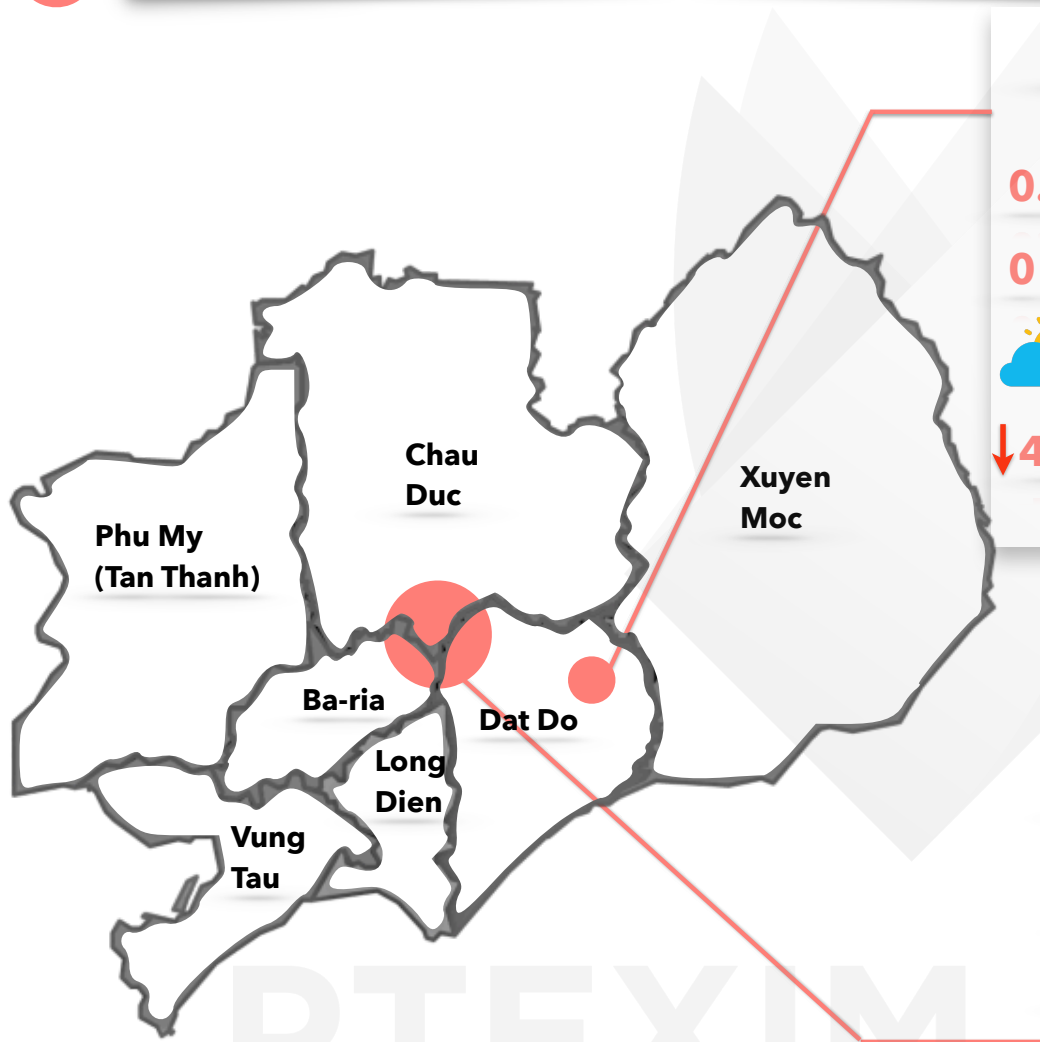


Clement : Weather

↓40 %

Pepper plantation affected

BA-RIA VUNG TAU PEPPER PRODUCTION AREA 2020



DAT DO District

63 Hectares

0.5 %



: % of Total Ba-ria Vung Tau Pepper Production

0 %



: Estimate Farm's Stock at the moment



Clement : Weather

↓40 %

Pepper plantation affected

Others District

144 Hectares

1.5 %



: % of Total Ba-ria Vung Tau Pepper Production

0 %



: Estimate Farm's Stock at the moment



Clement : Weather

↓40 %

Pepper plantation affected

GIA LAI PEPPER PRODUCTION AREA 2020



Chu Se District

3145 Hectares

25 %



: % of Total Gia Lai Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Drought sprinkling rain

↓ 50 %

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

Chu Puh District

2718 Hectares

11 %



: % of Total Gia Lai Pepper Production

10 %



: Estimate Farm's Stock
at the moment



Drought sprinkling rain

↓ 50 %

Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)



The pepper plantation has been reduced rapidly, causing severe impacts due to improper care pepper trees, resulting in many pests and diseases in soil and inability to renovate. Forecasts will continue to decline pepper plantation rapidly in the coming years

GIA LAI PEPPER PRODUCTION AREA 2020



Dak Doa District 1983 Hectares

16 % : % of Total Gia Lai Pepper Production

10 % : Estimate Farm's Stock at the moment



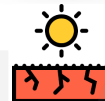
Clement : Weather

↓ 30 % Pepper plantation affected

Chu Prong District 2087 Hectares

16 % : % of Total Gia Lai Pepper Production

10 % : Estimate Farm's Stock at the moment



Drought sprinkling rain

↓ 50 % Pepper plantation affected

GIA LAI PEPPER PRODUCTION AREA 2020



Mang Yang District 1284 Hectares

9 % : % of Total Gia Lai Pepper Production

10 % : Estimate Farm's Stock at the moment



Clement : Weather

↓ 30 % Pepper plantation affected

Lagrai District 461 Hectares

4 % : % of Total Gia Lai Pepper Production

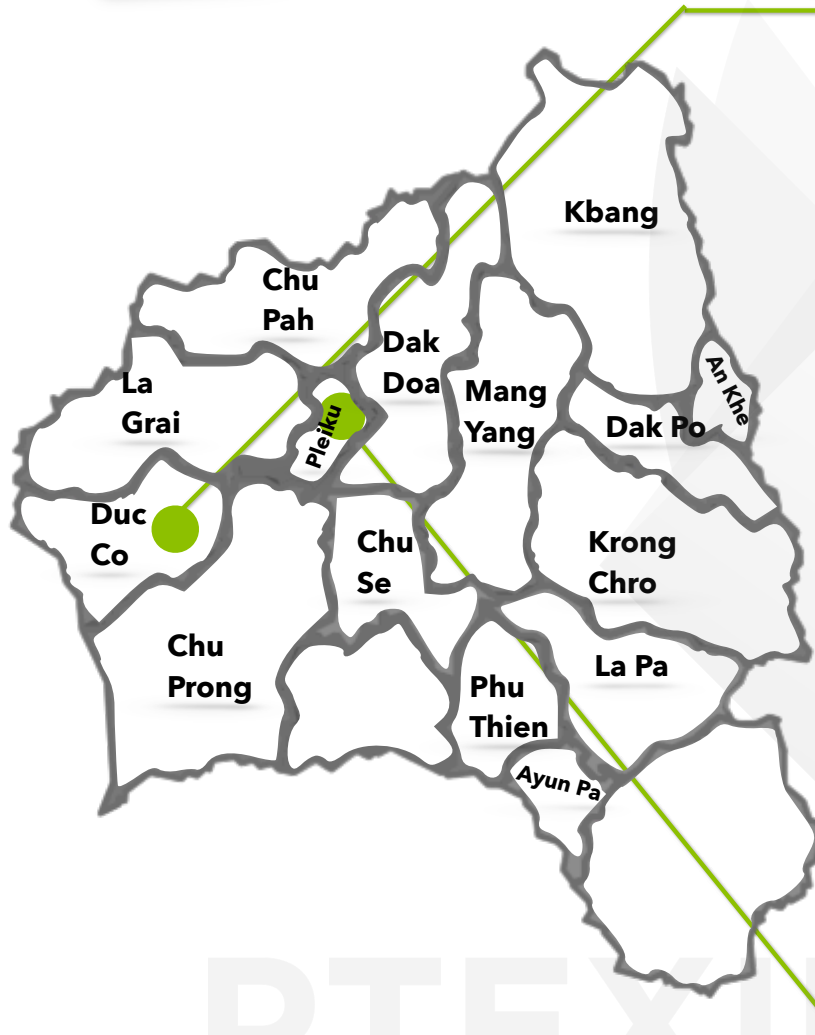
10 % : Estimate Farm's Stock at the moment



Drought sprinkling rain

↓ 30 % Pepper plantation affected

GIA LAI PEPPER PRODUCTION AREA 2020



Duc Co District

430 Hectares

3 %



: % of Total Gia Lai Pepper Production

10 %

10%

: Estimate Farm's Stock
at the moment



Drought sprinkling rain

↓ 40 % Pepper plantation affected

Pleiku District

270 Hectares

2 %



: % of Total Gia Lai Pepper Production

10 %

10%

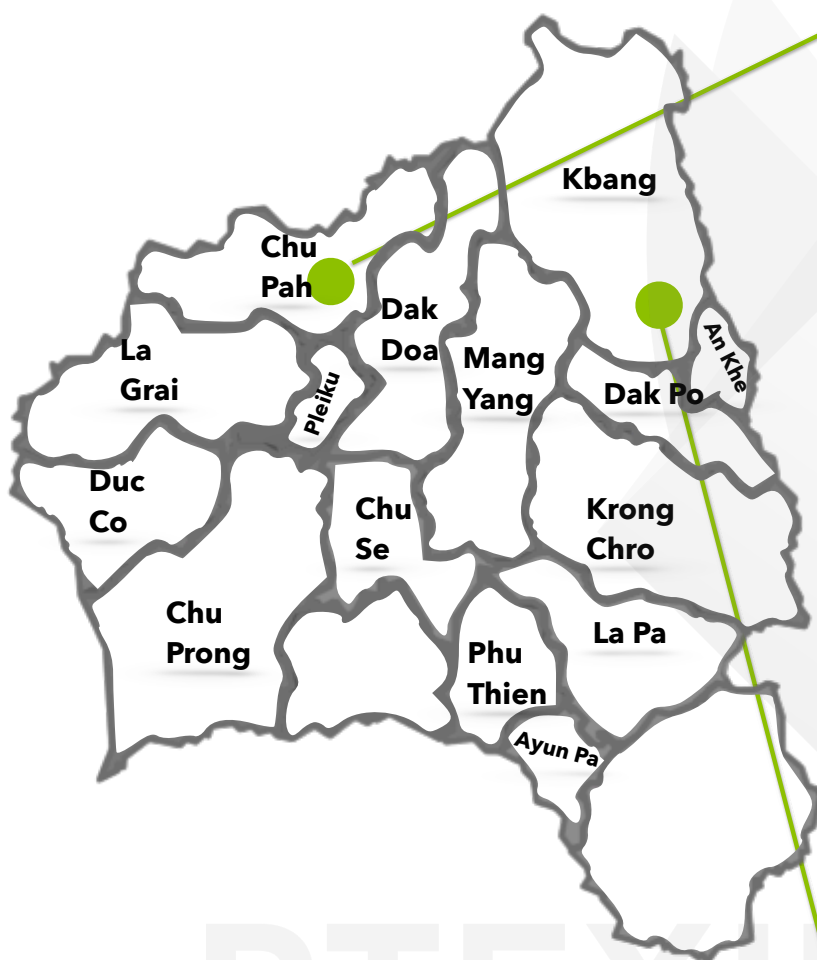
: Estimate Farm's Stock
at the moment



Drought sprinkling rain

↓ 40 % Pepper plantation affected

GIA LAI PEPPER PRODUCTION AREA 2020



Chu Pah District 216 Hectares

2 %



: % of Total Gia Lai Pepper Production

10 %

10%

: Estimate Farm's Stock
at the moment



Drought sprinkling rain

↓ 40 % Pepper plantation affected

K'Bang District 32 Hectares

0.5 %



: % of Total Gia Lai Pepper Production

0 %

0%

: Estimate Farm's Stock
at the moment



Drought sprinkling rain

0 %

Pepper plantation affected

GIA LAI PEPPER PRODUCTION AREA 2020



Dăk Po District 1 Hectares

0.1 % : % of Total Dak Lak Pepper Production

0 % : Estimate Farm's Stock at the moment



Drought sprinkling rain

0 % Pepper plantation affected

Krong Chro District 15 Hectares

1 % : % of Total Dak Lak Pepper Production

0 % : Estimate Farm's Stock at the moment



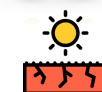
Drought sprinkling rain

0 % Pepper plantation affected

Phu Thien District 9 Hectares

0.8 % : % of Total Dak Lak Pepper Production

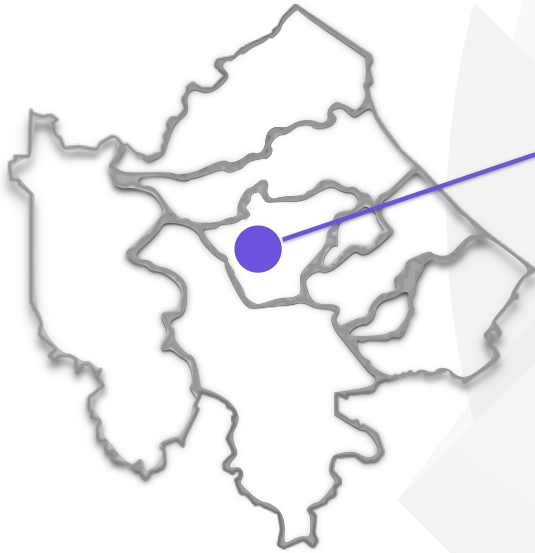
0 % : Estimate Farm's Stock at the moment is updating



Drought sprinkling rain

0 % Pepper plantation affected

QUANG TRI & LAM DONG PEPPER PRODUCTION AREA 2020



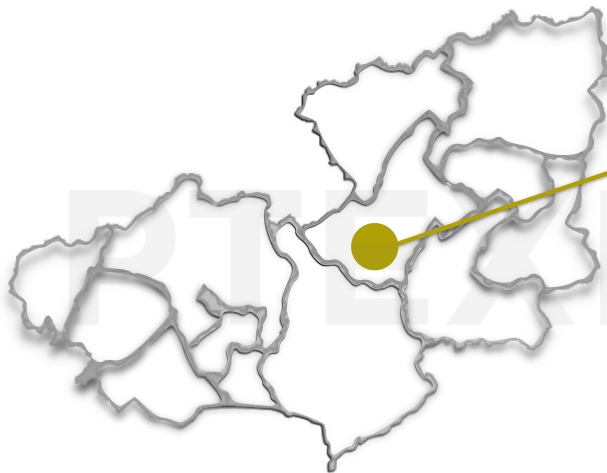
Quang Tri Province 2135 Hectares

50 %  : Estimate Farm's Stock at the moment



Clement : Weather

↓ 30 % Pepper plantation affected



Lam Dong Province 1020 Hectares

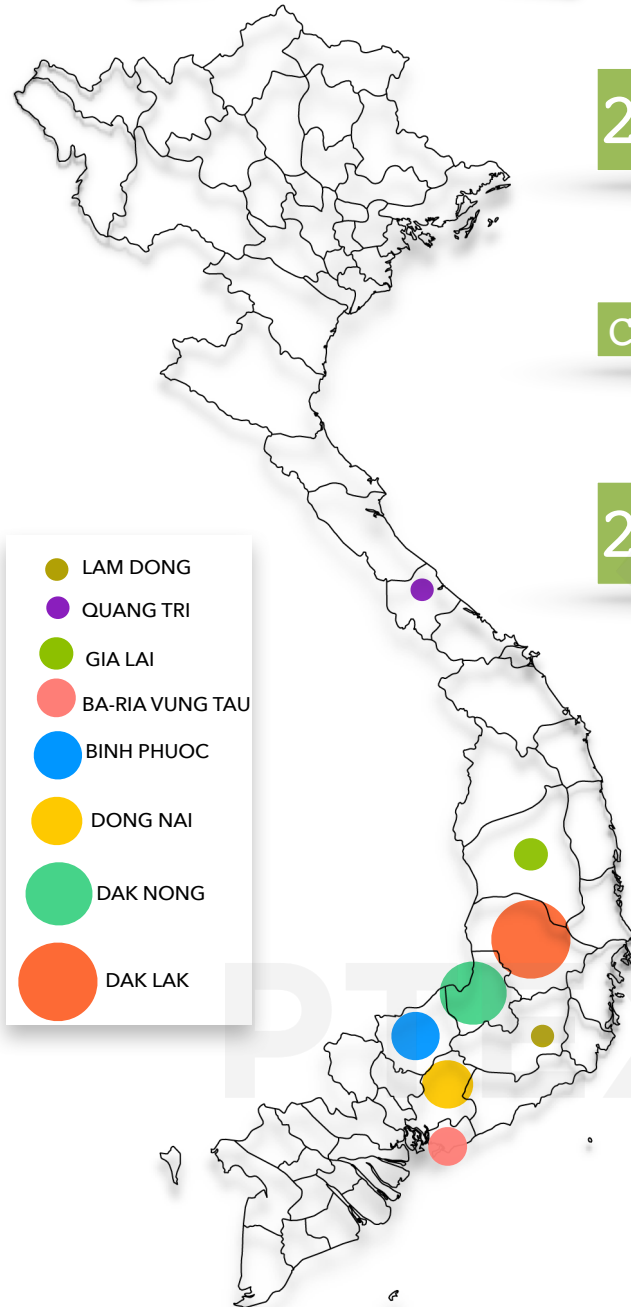
50 %  : Estimate Farm's Stock at the moment



Clement : Weather

↓ 30 % Pepper plantation affected

CONSOLIDATION



22 %

AVERAGE FARM'S STOCK AT THE MOMENT *

* Estimate

CLEMENT

WEATHER CONDITION



25 %

AVERAGE PEPPER PLANTATION AFFECTED*

* Pepper plantation will be affected because farmers are less caring, less fertilizing than before due to low prices under cost, intercropping with other fruit trees... (Please note; this does not mean yield will decrease accordingly)

Pepper prices are lower than production costs, so farmers neglect and do not take care as well as before

The total quantity new crop 2021 that will be reduced is noticeable

Hien, Nguyen Vu

General Director



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M: +84 902 222 295

E: spices@ptexim.com.vn

PTEXIM CERTIFICATE



WILL ACHIEVE IN NEXT 40 DAYS



PTEXIM FACTORY



1. WHOLE SPICES FACTORY (Address : Daklak Province, VN)



2. FOOD FACTORY (Address : Ba-Ria Vung Tau Province, VN)

www.ptexim.com.vn

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