מוסף is said from מוסף of מוסף until מוסף until מוסף on the first day of פסח. Before it is said, someone in the shul must announce it. Therefore, if a person is sick and davening at home, he does not say משיב הרוח until after it has been announced in shul.

If מוריד הגשם is said in the summer, or not said in the winter, must be repeated. If it was said in the summer and he remembered before he finished the ברכה, he goes back to אתה. If he realizes he said it in error after he ah already said the מחיה מתים ס ברכה, he must return to the beginning.

If a person did not mention מוריד השם in the winter, then he must repeat מוריד הגשם. If he realized he has forgotten מוריד הגשם before he finishes the ברכה, he goes back to אתה גבור and inserts it. If he realizes it after the ברכה but before he says אתה קדוש, he says it then. If he said מוריד הטל, he does not need to repeat שמונה עשרה.

If a person is not sure whether he forgot it or not, we hold like the מהר"ם מרוטנברג who said that if it is within thirty days (of when it was started to say/omit) he should assume he forgot it. If it is after thirty days, he should assume he said it.

In the winter we say ותן טל ומטר לברכה in the ברכת of ברכת of ברכת of ותן in the ברכת. In the summer we say ותן ברכה. Outside of ותן ארץ ישראל, ארץ ישראל it is said from December 4th (in a leap year the 5th) until

ז' מר חול המועד פסח. In ארץ ישראל, it is said from the night of ארץ ישראל. If one forgot/said in the wong time ותן טל ומטר. If he has already said the ברכה, he inserts it before saying אומע הפילה ברכה. If he realized it after saying the ברכה of שמונה עשרה, he goes back to ברך עלינו. If after he finished שמונה עשרה, he says again.

If someone is not sure whether he said the correct thing, the same הלכה that applies to מוריד הגשם applies here as well.

Obviously, if a person is acting as שליח צבור, he should say whatever the מנהג המקם is in his חזרת הש"ץ.

On ברכה of הבדלה is mentioned in the ברכה of חונן הדעת. If it is forgotten, שמונה עשרה is not repeated.