FarmSense 2020: ovibait summary and stats

Which weeks had counts?

Ovibait, 5-week trap totals

```
bait trap sums <- all %>%
    mutate(replicate = PlotID%/%10) %>%
    ***re-extract replicate block from plotID***
    arrange(intervalID, replicate) %>%
    ***convenient for visual confirmation***
    filter(Lure == "Peterson" & EndDate <= as.Date("2020-08-12")) %>%
    group_by(TrapType,replicate) %>%
    summarise(nObs = n(),
                         total = sum(Count, na.rm = TRUE))
bait trap sums
A tibble: 14 x 4
Groups: TrapType [2]
   TrapType replicate nObs total

      <chr><dbl><int><dbl>

      1 Farmsense1
      5
      3

      2 Farmsense2
      5
      3

      3 Farmsense3
      5
      68

      4 Farmsense4
      5
      148

      5 Farmsense5
      5
      98

      6 Farmsense6
      5
      227

      7 Farmsense7
      5
      51

      8 Wing1
      5
      0

      9 Wing2
      5
      1

      10 Wing3
      5
      0

      11 Wing4
      5
      3

      12 Wing5
      5
      0

      13 Wing6
      5
      2

      14 Wing7
      5
      2

   <chr> <dbl> <int> <dbl>
10 Wing
11 Wing
12 Wing
13 Wing
14 Wing
```

Mean and SE by Device

```
bait_trap_sums %>%
  group_by(TrapType) %>%
```

Welch unequal variance t-test