GET sensordata/treatmentcounts

Description: Takes no parameters and returns a JSON object that contains all farm codes grouped by treatment type and the number of sensor data lines in the database for each farm code & treatment pair.

Query that it executes is the following:

select code, trt, count(\*) from "SensorData" group by code, trt

Sample Response

[

{

"code": "ALR",

"trt": "b",

"count": "3759"

},

{

"code": "ALR",

"trt": "c",

"count": "6091"

},

{

"code": "ASD",

"trt": "b",

"count": "3"

},

{

"code": "ASD",

"trt": "c",

"count": "4"

}

]

GET sensordata/rhcounts

Description: Takes no parameter and returns the number of rows in the SensorData table where the relative humidity was recorded.

Query that it executes is the following:

select code, count(\*) from "SensorData" where rh is not null group by code

Sample Response

[

{

"code": "ALR",

"count": "4849"

},

{

"code": "BGS",

"count": "7199"

},

{

"code": "BRL",

"count": "100"

},

{

"code": "BWA",

"count": "160"

},

{

"code": "BWB",

"count": "4"

}

]

GET sensordata/latesttreatmenttimestamp

Description: Takes no parameter and returns the latest timestamp for each farm for the b and c

Query that it executes is the following:

select code, trt, max(timestamp) from "SensorData" group by code, trt

Sample Response

[

{

"code": "ALR",

"trt": "b",

"max": "2018-08-24T17:00:17.000Z"

},

{

"code": "ALR",

"trt": "c",

"max": "2018-07-14T07:00:15.000Z"

},

{

"code": "ASD",

"trt": "b",

"max": "2018-05-04T18:45:18.000Z"

},

{

"code": "ASD",

"trt": "c",

"max": "2018-04-27T19:40:04.000Z"

}

]

GET sensordata/latestrhtimestamp

Description: Takes no parameter and returns the latest timestamp for each farm where the relative humidity was recorded

Query that it executes is the following:

select code, max(timestamp) from "SensorData" where rh is not null group by code

Sample Response

[

{

"code": "ALR",

"max": "2018-06-28T19:00:19.000Z"

},

{

"code": "BGS",

"max": "2018-07-29T15:00:20.000Z"

},

{

"code": "BRL",

"max": "2018-06-05T18:20:26.000Z"

}

]