Vocabularies Pilot 5

1. Weather data (csv data from stations in folder ByStation)

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| Name | Columns | Type | Description |
| Station id | id | String | Internal identification of a weather station in eDWIN system. |
| Date of aggregation | aggregateDate | DateTime | Start of an 1 hour time period over which aggregate is calculated. DateTime in ISO\_8601 format. |
| Air Temperature | airTemperature\* | Float | Air temperature in the degree Celsius. Max/min/average values over 1 hour time period. |
| Relative Humidity | relativeHumidity\* | Float | Relative humidity in percentage. Max/min/average values over 1 hour time period. |
| Insolation | insolationAvg | Float | Average value of solar irradiance in 1 hour time period. |
| Wind speed | windSpeed\* | Float | Wind speed in m/s. Max/min/average values over 1 hour time period |
| Air pressure | airPressure\* | Float | Air pressure in hPa. Max/min/average values over 1 hour time period |
| Precipitation | precipitationSum | Float | Sum of rain precipitation (in mm) over 1 hour time period. |

1. Pests (pests.csv/pests.json)  
   Since pests.csv is a semantic normalized data following subject-predicate-object structure, please refer to pests.json and pests.jsonld which is in a more human-readable format. “Columns” refer to json fields or predicate (see @context in jsonld), e.g. lat field corresponds to “<http://www.w3.org/2003/01/geo/wgs84_pos#lat>” predicate.

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| Name | Columns | Type | Description |
| Position | lat/long | Float | Position (latitude/longitude) of the field where the agrophage has been observed. |
| Date of report | reportDate | DateTime | Time of the pest observation. Time in ISO\_8601 format. |
| Plant name | plantName | String | Name of the affected plant. |
| BBHC stage code | bbchStageCode | Integer | Phenological stage code for the affected plant. |
| BBHC stage name | bbchStageName | String | Name of the phonological stage of the affected plant. |
| Agrophage type | type | String | Specifies type of the agrophage - either PEST or DISEASE. |
| Pest name | pestName | String | Name of the observed pest. Included only in case of PEST type. |
| Disease name | diseaseName | String | Name of the observed disease. Included only in case of DISEASE type. |
| Severity | occurrenceSeverity | String | Human readable information about the severity of agrophaget. |