Definitions of fields included in the attribute table of “NBHistoricPesticideAreas.shp”.

Field Name	Definition	Data Type
FID	Software generated feature identifier number.	Numeric
Shape	Software generated feature shape – polygon.	Character
app_area	A unique identifier for each application area in each year in the format YYYY_AAA. YYYY is the year and AAA is a sequential number within the year.	Character
num_apps	Number of pesticide applications to the application area.	Integer
block_1	First block name (if assigned) assigned to the application area. Often block identification was for experimental reason.	Character
block_2	Second block name (if assigned) assigned to the application area. Often block identification was for experimental reason.	Character
block_3	Third block name (if assigned) assigned to the application area. Often block identification was for experimental reason.	Character
block_4	Fourth block name (if assigned) assigned to the application area. Often block identification was for experimental reason.	Character
year	Year of the application(s).	Numeric
province	Province of the applications	Character
map_nam	Paper map (now digital form) from which the application area was delineated.	Character
app_type	Indicates whether application area was part of operational treatments or experimental treatments.	Character
aircraft	A list of aircraft used to apply treatments to the application area during the identified year.	Character
guidance	The type of guidance system used by aircraft	Character
app_sys	The pesticide application system used on the aircraft	Character
reference	Reference numbers identifying sources used to populate database values. See “References Historic Pesticide Database.pdf”.	Character
Shape_Leng	Software generated feature length in meters.	Numeric
Shape_Area	Software generated feature area in square meters.	Numeric

Definitions of fields included in “NBHistoricPesticideApplications.csv” which lists pesticide applications made to each of the application areas.

Field Name	Definition	Data Type
app_id	A unique identifier for each pesticide application in the format YYYY_AAA_B. YYYY is the year, AAA is a sequential number indicating the individual application area each year, and B is a sequential number indicating the application number to the application area	Character
app_area	A unique identifier for each application area in each year in the format YYYY_AAA. YYYY is the year and AAA is a sequential number indicating the individual application area each year	Character
year	The year the application occurred	Integer
insect	Abbreviated name of the insect being targeted with treatment.	Character
act_ing	Active ingredient of the insecticide applied.	Character
rate_kgha	The treatment rate in kilograms per hectare of the active ingredient. For BTK the units are billion international units per hectare. Value was often calculated or converted from source information.	Numeric
vol_lha	The volume in liters per hectare of the treatment applied to the application area. Value was calculated or converted from identified source information.	Numeric
form_type	The formation type or mix solution media.	Character
tank_mix	The treatment concentrated tank mix loaded into the aircraft for application. Calculated as rate_kgha / vol_lha	Numeric
brand	The commercial product or brand name of the pesticide applied.	Character