CLAIMS

1. An information processing method executed by an information processing device configured to decide an execution timing of agricultural chemical spraying by an unmanned aerial vehicle, the information processing method characterized by comprising:

acquiring information about each of a plurality of farm fields;

deciding an execution timing of agricultural chemical spraying over a first farm field to be sprayed by the unmanned aerial vehicle based on information about a second farm field located around the first farm field; and

acquiring information indicating a scheduled execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle, wherein:

the information about each of the farm fields includes information indicating whether or not harvesting of a crop in the farm field has been completed; and

the information processing device is configured to decide that the scheduled execution timing is the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle when harvesting of a crop in the second farm field has been completed.

2. The information processing method according to claim 1, further comprising transmitting, to a manager of the second farm field, a message requesting that harvesting of the crop in the second farm field is to be completed before the scheduled execution timing when harvesting of the crop in the second farm field has not been completed.

3. The information processing method according to claim 2, further comprising giving a reward to the manager of the second farm field when the manager of the second farm field responds to a request of the message.

4. The information processing method according to claim 1, wherein:

the information about each of the farm fields includes information indicating a

scheduled harvest timing of a crop in the farm field; and

the information processing device is configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than a scheduled harvest timing of a crop in the second farm field.

5. The information processing method according to claim 4, further comprising acquiring information indicating a crop for which an agricultural chemical to be sprayed over the first farm field is usable, wherein:

the information about each of the farm fields includes information indicating the crop in the farm field; and

the information processing device is configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than the scheduled harvest timing of the crop in the second farm field when the crop in the second farm field does not correspond to the crop for which the agricultural chemical is usable.

6. The information processing method according to claim 4 or 5, further comprising acquiring information indicating a scheduled execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle and information indicating a timing when an agricultural chemical to be sprayed over the first farm field is usable for the crop, wherein

the information processing device is configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than the scheduled harvest timing of the crop in the second farm field when the scheduled execution timing does not correspond to the timing when the agricultural chemical is usable for the crop in the second farm field.

7. A non-transitory storage medium storing instructions that are executable by one or more processors in an information processing device configured to decide an execution

timing of agricultural chemical spraying by an unmanned aerial vehicle and that cause the one or more processors to perform functions characterized by comprising:

acquiring information about each of a plurality of farm fields;

deciding an execution timing of agricultural chemical spraying over a first farm field to be sprayed by the unmanned aerial vehicle based on information about a second farm field located around the first farm field; and

acquiring information indicating a scheduled execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle on the information processing device, wherein:

the information about each of the farm fields includes information indicating whether or not harvesting of a crop in the farm field has been completed; and

the one or more processors are configured to decide that the scheduled execution timing is the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle when harvesting of a crop in the second farm field has been completed.

8. The non-transitory storage medium according to claim 7, the functions further comprising transmitting, to a manager of the second farm field, a message requesting that harvesting of the crop in the second farm field is to be completed before the scheduled execution timing when harvesting of the crop in the second farm field has not been completed.

9. The non-transitory storage medium according to claim 8, the functions further comprising giving a reward to the manager of the second farm field when the manager of the second farm field responds to a request of the message.

10. The non-transitory storage medium according to claim 7, wherein:

the information about each of the farm fields includes information indicating a scheduled harvest timing of a crop in the farm field; and

the one or more processors are configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than a scheduled harvest timing of a crop in the second farm field.

11. The non-transitory storage medium according to claim 10, the functions further comprising acquiring information indicating a crop for which an agricultural chemical to be sprayed over the first farm field is usable, wherein:

the information about each of the farm fields includes information indicating the crop in the farm field; and

the one or more processors are configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than the scheduled harvest timing of the crop in the second farm field when the crop in the second farm field does not correspond to the crop for which the agricultural chemical is usable.

12. The non-transitory storage medium according to claim 10 or 11, the functions further comprising acquiring information indicating a scheduled execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle and information indicating a timing when an agricultural chemical to be sprayed over the first farm field is usable for the crop, wherein

the one or more processors are configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than the scheduled harvest timing of the crop in the second farm field when the scheduled execution timing does not correspond to the timing when the agricultural chemical is usable for the crop in the second farm field.

13. An information processing device configured to decide an execution timing of agricultural chemical spraying by an unmanned aerial vehicle, the information processing device characterized by comprising a processor configured to:

acquire information about each of a plurality of farm fields; and

decide an execution timing of agricultural chemical spraying over a first farm field to be sprayed by the unmanned aerial vehicle based on information about a second farm field located around the first farm field; wherein:

the information about each of the farm fields includes information indicating whether or not harvesting of a crop in the farm field has been completed;

the processor is configured to acquire information indicating a scheduled execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle; and

the processor is configured to decide that the scheduled execution timing is the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle when harvesting of a crop in the second farm field has been completed.

14. The information processing device according to claim 13, wherein the processor is configured to transmit, to a manager of the second farm field, a message requesting that harvesting of the crop in the second farm field is to be completed before the scheduled execution timing via a communicator when harvesting of the crop in the second farm field has not been completed.

15. The information processing device according to claim 14, wherein the processor is configured to execute a process of giving a reward to the manager of the second farm field when the manager of the second farm field responds to a request of the message.

16. The information processing device according to claim 13, wherein the information about each of the farm fields includes information indicating a scheduled harvest timing of a crop in the farm field, and the processor is configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than a scheduled harvest timing of a crop in the second farm field.

17. The information processing device according to claim 16, wherein:

the information about each of the farm fields includes information indicating the crop in the farm field;

the processor is configured to acquire information indicating a crop for which an agricultural chemical to be sprayed over the first farm field is usable; and

the processor is configured to decide the execution timing of agricultural chemical spraying over the first farm field by the unmanned aerial vehicle to be later than the scheduled harvest timing of the crop in the second farm field when the crop in the second farm field does not correspond to the crop for which the agricultural chemical is usable.