***Match the definition in the right column to the correct term found in the column on the left. Place the number of the matching definition on the blank provided in front of the appropriate term.***

\_\_\_\_\_\_\_\_\_\_ AOI – Area Of Interest 1. The amount of time it takes for the increase

in profits to pay for the initial investment.

\_\_\_\_\_\_\_\_\_\_ GPS – Global Positioning System 2. Managing crop production inputs (seed,

fertilizer, lime, pesticides, etc.) on a site-

specific basis to increase profits, reduce

waste and maintain environmental quality.

\_\_\_\_\_\_\_\_\_\_ GPS Receiver 3. The calculating of a location utilizing 3 or

more known locations on the earth’s surface.

\_\_\_\_\_\_\_\_\_\_ Innovation 4. A piece of equipment that applies an

agronomic input such as seed, fertilizer,

insecticide or herbicide.

\_\_\_\_\_\_\_\_\_\_ Meter 5. A farm management practice in which each

herd, field or the entire farm operation is

viewed as a single uniform environment

managed in the same manner.

\_\_\_\_\_\_\_\_\_\_ Monitor 6. Differences in conditions within an area of

interest.

\_\_\_\_\_\_\_\_\_\_ Precision Agriculture 7. The calculating of a location utilizing 3 or

more positioning satellites.

\_\_\_\_\_\_\_\_\_\_ Precision Farming 8. A piece of equipment that measures

something such as a weight, volume, density,

or level of something.

\_\_\_\_\_\_\_\_\_\_ ROI Ratio 9. An antenna that communicates with the GPS

satellite constellation.

\_\_\_\_\_\_\_\_\_\_ ROI – Return On Investment 10. A piece of equipment that displays

information.

\_\_\_\_\_\_\_\_\_\_ Seeding Rate 11. A defined area used in a GIS system for

analysis.

\_\_\_\_\_\_\_\_\_\_ Sensor 12. The amount of increased income due to an

investment.

\_\_\_\_\_\_\_\_\_\_ Traditional Farming Practice 13. A constellation of approximately 30 well-

placed satellites that orbit the Earth making

it possible to pinpoint the geographic

location of a receiver.

\_\_\_\_\_\_\_\_\_\_ Triangulation 14. The creative adaptation of new technologies

and design to provide a functional solution.

\_\_\_\_\_\_\_\_\_\_ Trilateration 15. A farm management practice in which each

field is analyzed to identify micro-

environments that require different

management to increase profitability by

placing the exact level up inputs to produce

the greatest yield at the least expense

through the use of Information Technology

and GPS.

\_\_\_\_\_\_\_\_\_\_ Variability 16. Determines the planting population.