# Fact Sheet of the Soy Plant

Soy is cultivated around the world as the most important plant-based protein source. However, not all climates are suitable for soy cultivation. To plan its cultivation it is necessary to know the key requirements for the plant’s growth.

In order to improve your experiments and hypotheses you will need to research this information. It is up to you how you want to present it. Afterwards you will need to justify briefly why this information is relevant for our experiment, why you will stick with your hypothesis or why you might want to change or adapt it.

**Necessary Material**

* „Versorgung Österreichs mit pflanzlichem Eiweiß – Fokus Sojakomplex“ (Pistrich, Wendtner & Janetschek 2014)
* „Soja. Eine Kulturpflanze mit Geschichte und Zukunft“ (Bäck, Köppl, Köppl, Krumphuber, Lembacher, Schally & Wasner 2010)
* „Pflanze mit Zukunft“ in BIO AUSTRIA 1/2010 (Hofer, Schweiger & Hartl 2010)
* „Kulturanleitung: Sojabohne“ (Lembacher, Schmiedl & Wasner 2009)
* Internet-based research
* Pens, paper, computer, etc.

**Task:**

In order to improve your experiment description and hypotheses from the Soy Cultivation Task, gather the following information by doing your own research. It is up to you how you want to present it (a table is only a suggestion). Afterwards, you will need to justify briefly why this information is relevant for our experiment, why you will stick with your hypothesis or why you might want to change or adapt it.

|  |  |
| --- | --- |
| General Facts | |
| Name, botanical name  (Species, Genus, Family, Order): |  |
| Characteristics |  |
| Varieties and their characteristics: |  |
| Origin: |  |
| Abiotic Components:  (soil requirements, water, temperature…) |  |
| Cultivation | |
| Countries cultivated in:  (international, national) |  |
| Acreage in hectares:  (international, national) |  |
| Importing and exporting countries |  |
| Sowing and Maintenance Measures | |
| Sowing: |  |
| Maintenance measures and weed regulation: |  |
| Fertilisation: |  |
| Pests: |  |
| Possible crop rotation: |  |
| Harvest and Use | |
| Harvest: |  |
| Possible use: |  |
| Other Information | |
|  | |